

LAMPIRAN

Lampiran 1. Pertanyaan *Questionnaire* Sebelum Membuat Aplikasi Menggunakan *Google Form*.

Kuisisioner Penelitian

Analisa Kebutuhan Aplikasi Pencarian dan Informasi Mall Berbasis Andorid

***Required**

Email address *

Your email address

Keterangan Pengisian

Jawablah pertanyaan berikut sesuai dengan pendapat anda dengan ketentuan sebagai berikut :

1 ▪ Sangat Tidak Setuju
2 ▪ Tidak Setuju
3 ▪ Netral
4 ▪ Setuju
5 ▪ Sangat Setuju

Kurangnya informasi mall saat ini *

1 2 3 4 5

Sangat Tidak Setuju ☐ ☐ ☐ ☐ ☐ Sangat Setuju

Info promo menggunakan brosur tidak efektif*

1 2 3 4 5

Sangat Tidak Setuju ☐ ☐ ☐ ☐ ☐ Sangat Setuju

Info promo lebih cepat jika memberikan langsung ke smartphone anda *

	1	2	3	4	5	
Sangat Tidak Setuju	☐	☐	☐	☐	☐	Sangat Setuju

Saya tidak selalu tahu store atau toko apa saja yang ada di dalam mall *

	1	2	3	4	5	
Sangat Tidak Setuju	☐	☐	☐	☐	☐	Sangat Setuju

Mencari mall lain ketika bosan pergi ke mall yang sering dikunjungi *

	1	2	3	4	5	
Sangat Tidak Setuju	☐	☐	☐	☐	☐	Sangat Setuju

Merasa sulit ketika mencari lokasi mall yang terdekat (Jika diluar kota) *

	1	2	3	4	5	
Sangat Tidak Setuju	☐	☐	☐	☐	☐	Sangat Setuju

Mempermudah jika ada informasi arahan atau navigasi menuju mall *

	1	2	3	4	5	
Sangat Tidak Setuju	☐	☐	☐	☐	☐	Sangat Setuju

Saya sering menggunakan smartphone dalam kehidupan sehari-hari *

1 2 3 4 5

Sangat Tidak Setuju ☐ ☐ ☐ ☐ ☐ Sangat Setuju

Tidak pernah melihat adanya sebuah aplikasi informasi mall dalam android *

1 2 3 4 5

Sangat Tidak Setuju ☐ ☐ ☐ ☐ ☐ Sangat Setuju

Sangat memudahkan jika ada aplikasi yang mencakup pencarian dan informasi dalam mall berbasis android *

1 2 3 4 5

Sangat Tidak Setuju ☐ ☐ ☐ ☐ ☐ Sangat Setuju

A copy of your responses will be emailed to the address that you provided.

[submit](#)

Lampiran 2. Pertanyaan *Questionnaire* Setelah Aplikasi Jadi Menggunakan *Google Form*.

Aplikasi Pencarian dan Informasi Mall Berbasis Android Perhitungan System Usability Scale

Aplikasi ini dapat menampilkan titik lokasi mall yang terdekat, lalu menampilkan informasi mall dengan nama toko yang ada didalam mall berserta lantai dan blok, event dalam mall, fasilitas dalam mall dan menampilkan promo dalam mall.

Sebelum mengisi quisioner dibawah, silahkan dilihat terlebih dahulu video demo aplikasinya : <https://www.youtube.com/watch?v=rdFwJBNXiHQ>. Terimakasih!

*** Wajib**

Alamat email *

Email Anda

Keterangan

Jawablah pertanyaan berikut sesuai dengan pendapat anda dengan ketentuan sebagai berikut :

1 = Sangat Tidak Setuju
2 = Tidak Setuju
3 = Ragu-Ragu
4 = Setuju
5 = Sangat Setuju

1. Aplikasi ini sangat mudah dipelajari

1 2 3 4 5

Sangat Tidak Setuju ☐ ☐ ☐ ☐ ☐ Sangat Setuju

2. Informasi yang disediakan tidak jelas

	1	2	3	4	5	
Sangat Tidak Setuju	☐	☐	☐	☐	☐	Sangat Setuju

3. Tampilan sistem ini sangat memudahkan

	1	2	3	4	5	
Sangat Tidak Setuju	☐	☐	☐	☐	☐	Sangat Setuju

4. Ada hambatan dalam menggunakan aplikasi

	1	2	3	4	5	
Sangat Tidak Setuju	☐	☐	☐	☐	☐	Sangat Setuju

5. Cara penggunaan sistem ini sangat simpel

	1	2	3	4	5	
Sangat Tidak Setuju	☐	☐	☐	☐	☐	Sangat Setuju

6. Tata letak informasi yang terdapat dilayar smartphone tidak jelas

	1	2	3	4	5	
Sangat Tidak Setuju	☐	☐	☐	☐	☐	Sangat Setuju

7. Orang lain akan memahami cara menggunakan aplikasi ini dengan cepat

	1	2	3	4	5	
Sangat Tidak Setuju	☐	☐	☐	☐	☐	Sangat Setuju

8. Saya tidak nyaman menggunakan aplikasi ini

	1	2	3	4	5	
Sangat Tidak Setuju	☐	☐	☐	☐	☐	Sangat Setuju

9. Secara keseluruhan, saya sangat puas dengan kinerja aplikasi ini

	1	2	3	4	5	
Sangat Tidak Setuju	☐	☐	☐	☐	☐	Sangat Setuju

10. Saya menemukan bahwa fitur ini sangat tidak praktis ketika digunakan

	1	2	3	4	5	
Sangat Tidak Setuju	☐	☐	☐	☐	☐	Sangat Setuju

☐ Kirim salinan tanggapan saya.

Kirim

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Lampiran 3. Source Code PHP(Hypertext Preprocessor)

1. markers.php

/public_html/TAMailee/markers.php

```

1 <?php
2
3 require "init.php";
4
5 $query = mysqli_query($con, "SELECT * FROM markers ORDER BY nama ASC");
6
7 $json = '{"markers": [';
8
9
10 // create looping dech array in fetch
11 while ($row = mysqli_fetch_array($query)){
12
13 // quotation marks (") are not allowed by the json string, we will replace it with the ` character
14 // strip_tag serves to remove html tags on strings
15 $char = "";
16
17 $json .=
18 '{
19     "id": "'.str_replace($char, '`', strip_tags($row['id'])).'",
20     "nama": "'.str_replace($char, '`', strip_tags($row['nama'])).'",
21     "lat": "'.str_replace($char, '`', strip_tags($row['lat'])).'",
22     "lng": "'.str_replace($char, '`', strip_tags($row['lng'])).'"
23 },';
24
25 }

```

2. info_mall_supermall_karawaci.php

/public_html/TAMailee/info_mall_supermall_karawaci.php

```

1 <?php
2 require "init.php";
3
4 sleep(2);
5 $offset = isset($_GET['offset']) && $_GET['offset'] != '' ? $_GET['offset'] : 0;
6 $all = mysqli_query($con, "SELECT * FROM info_mall WHERE kd_mall = '1'");
7 $count_all = mysqli_num_rows($all);
8 $query = mysqli_query($con, "SELECT * FROM info_mall WHERE kd_mall = '1' LIMIT $offset,10");
9 $count = mysqli_num_rows($query);
10 $json_kosong = 0;
11 if($count < 10){
12     if($count == 0){
13         $json_kosong = 1;
14     }else{
15         $query = mysqli_query($con, "SELECT * FROM info_mall WHERE kd_mall = '1' LIMIT $offset,$count");
16         $count = mysqli_num_rows($query);
17         if(empty($count)){
18             $query = mysqli_query($con, "SELECT * FROM info_mall WHERE kd_mall = '1' LIMIT 0,10");
19             $num = 0;
20         }else{
21             $num = $offset;
22         }
23     }
24 } else{
25     $num = $offset;
26 }
27 $json = '[';
28 while ($row = mysqli_fetch_array($query)){
29     $num++;
30     $char = "";
31     $string = substr(strip_tags($row['value']), 0, 2000);
32     $json .= '{
33         "no": "'.$num.'",
34         "id": "'.str_replace($char, '`', strip_tags($row['id'])).'",
35         "kode": "'.str_replace($char, '`', strip_tags($row['kd_mall'])).'",
36         "judul": "'.str_replace($char, '`', strip_tags($row['title'])).'",
37         "isi": "'.str_replace($char, '`', $string).'",
38         "gambar": "'.str_replace($char, '`', strip_tags($row['images'])).'",';
39 }
40 $json = substr($json,0,strlen($json)-1);
41 if($json_kosong == 1){
42     $json = '["no": "", "id": "", "kode": "", "judul": "", "isi": "", "gambar": ""]';
43 }else{
44     $json .= ']';
45 }
46 echo $json;
47 mysqli_close($con);
48 ?>

```


3. restaurant_supermall_karawaci.php

/public_html/TAMailee/restaurant_supermall_karawaci.php

```

1 <?php
2 require "init.php";
3
4 sleep(2);
5 $offset = isset($_GET['offset']) && $_GET['offset'] != '' ? $_GET['offset'] : 0;
6 $all = mysqli_query($con, "SELECT * FROM data_restaurant WHERE kd_mall = '1'");
7 $count_all = mysqli_num_rows($all);
8 $query = mysqli_query($con, "SELECT * FROM data_restaurant WHERE kd_mall = '1' LIMIT $offset,10");
9 $count = mysqli_num_rows($query);
10 $json_kosong = 0;
11 if($count < 10){
12     if($count == 0){
13         $json_kosong = 1;
14     }else{
15         $query = mysqli_query($con, "SELECT * FROM data_restaurant WHERE kd_mall = '1' LIMIT $offset,$count");
16         $count = mysqli_num_rows($query);
17         if(empty($count)){
18             $query = mysqli_query($con, "SELECT * FROM data_restaurant WHERE kd_mall = '1' LIMIT 0,10");
19             $num = 0;
20         }else{
21             $num = $offset;
22         }
23     }
24 } else{
25     $num = $offset;
26 }
27 $json = '[';
28 while ($row = mysqli_fetch_array($query)){
29     $num++;
30     $char = ',';
31     $json .= '{
32         "no": '.$num.',
33         "id_mall": "'.$str_replace($char, '', strip_tags($row['id_mall'])) .'",
34         "kd": "'.$str_replace($char, '', strip_tags($row['kd_mall'])) .'",
35         "nm_restaurant": "'.$str_replace($char, '', strip_tags($row['nm_restaurant'])) .'",
36         "lantai": "'.$str_replace($char, '', strip_tags($row['lantai'])) .'",
37         "blok": "'.$str_replace($char, '', strip_tags($row['blok'])) .'",
38         "gbr_restaurant": "'.$str_replace($char, '', strip_tags($row['gbr_restaurant'])) .'",
39     }';
40 $json = substr($json,0,strlen($json)-1);
41 if($json_kosong == 1){
42     $json = '['. '{"no": "", "id_mall": "", "kd": "", "nm_restaurant": "", "lantai": "", "blok": "", "gbr_restaurant": ""} ]';
43 }else{
44     $json .= ']';
45 }
46 echo $json;
47 mysqli_close($con);
48 >

```

4. health_supermall_karawaci.php

/public_html/TAMailee/health_supermall_karawaci.php

```

1 <?php
2 require "init.php";
3
4 sleep(2);
5 $offset = isset($_GET['offset']) && $_GET['offset'] != '' ? $_GET['offset'] : 0;
6 $all = mysqli_query($con, "SELECT * FROM data_kesehatan WHERE kd_mall = '1'");
7 $count_all = mysqli_num_rows($all);
8 $query = mysqli_query($con, "SELECT * FROM data_kesehatan WHERE kd_mall = '1' LIMIT $offset,10");
9 $count = mysqli_num_rows($query);
10 $json_kosong = 0;
11 if($count < 10){
12     if($count == 0){
13         $json_kosong = 1;
14     }else{
15         $query = mysqli_query($con, "SELECT * FROM data_kesehatan WHERE kd_mall = '1' LIMIT $offset,$count");
16         $count = mysqli_num_rows($query);
17         if(empty($count)){
18             $query = mysqli_query($con, "SELECT * FROM data_kesehatan WHERE kd_mall = '1' LIMIT 0,10");
19             $num = 0;
20         }else{
21             $num = $offset;
22         }
23     }
24 } else{
25     $num = $offset;
26 }
27 $json = '[';
28 while ($row = mysqli_fetch_array($query)){
29     $num++;
30     $char = ',';
31     $json .= '{
32         "no": '.$num.',
33         "id_mall": "'.$str_replace($char, '', strip_tags($row['id_mall'])) .'",
34         "kd": "'.$str_replace($char, '', strip_tags($row['kd_mall'])) .'",
35         "nm_kesehatan": "'.$str_replace($char, '', strip_tags($row['nm_kesehatan'])) .'",
36         "lantai": "'.$str_replace($char, '', strip_tags($row['lantai'])) .'",
37         "blok": "'.$str_replace($char, '', strip_tags($row['blok'])) .'",
38         "gbr_kesehatan": "'.$str_replace($char, '', strip_tags($row['gbr_kesehatan'])) .'",
39     }';
40 $json = substr($json,0,strlen($json)-1);
41 if($json_kosong == 1){
42     $json = '['. '{"no": "", "id_mall": "", "kd": "", "nm_kesehatan": "", "lantai": "", "blok": "", "gbr_kesehatan": ""} ]';
43 }else{
44     $json .= ']';
45 }
46 echo $json;
47 mysqli_close($con);
48 >

```


5. entertainment_supermall_karawaci.php

/public_html/TAMailee/entertainment_supermall_karawaci.php

```

1 k?php
2 require "init.php";
3
4 sleep(2);
5 $offset = isset($_GET['offset']) && $_GET['offset'] != '' ? $_GET['offset'] : 0;
6 $all = mysqli_query($con, "SELECT * FROM data_hiburan WHERE kd_mall = '1'");
7 $count_all = mysqli_num_rows($all);
8 $query = mysqli_query($con, "SELECT * FROM data_hiburan WHERE kd_mall = '1' LIMIT $offset,10");
9 $count = mysqli_num_rows($query);
10 $json_kosong = 0;
11 if($count < 10){
12     if($count == 0){
13         $json_kosong = 1;
14     }else{
15         $query = mysqli_query($con, "SELECT * FROM data_hiburan WHERE kd_mall = '1' LIMIT $offset,$count");
16         $count = mysqli_num_rows($query);
17         if(empty($count)){
18             $query = mysqli_query($con, "SELECT * FROM data_hiburan WHERE kd_mall = '1' LIMIT 0,10");
19             $num = 0;
20         }else{
21             $num = $offset;
22         }
23     }
24 } else{
25     $num = $offset;
26 }
27 $json = '[';
28 while ($row = mysqli_fetch_array($query)){
29     $num++;
30     $char = ',';
31     $json .= '{
32         "no": '.$num.',
33         "id_mall": "'.$str_replace($char, '', strip_tags($row['id_mall'])).'",
34         "kd": "'.$str_replace($char, '', strip_tags($row['kd_mall'])).'",
35         "nm_hiburan": "'.$str_replace($char, '', strip_tags($row['nm_hiburan'])).'",
36         "lantai": "'.$str_replace($char, '', strip_tags($row['lantai'])).'",
37         "blok": "'.$str_replace($char, '', strip_tags($row['blok'])).'",
38         "gbr_hiburan": "'.$str_replace($char, '', strip_tags($row['gbr_hiburan'])).'",
39     }';
40 }
41 $json = substr($json,0,strlen($json)-1);
42 if($json_kosong == 1){
43     $json = '["no": "", "id_mall": "", "kd": "", "nm_hiburan": "", "lantai": "", "blok": "", "gbr_hiburan": ""]';
44 }else{
45     $json .= ']';
46 }
47 echo $json;
48 mysqli_close($con);

```

6. bank_supermall_karawaci.php

/public_html/TAMailee/bank_supermall_karawaci.php

```

1 k?php
2 require "init.php";
3
4 sleep(2);
5 $offset = isset($_GET['offset']) && $_GET['offset'] != '' ? $_GET['offset'] : 0;
6 $all = mysqli_query($con, "SELECT * FROM data_bank WHERE kd_mall = '1'");
7 $count_all = mysqli_num_rows($all);
8 $query = mysqli_query($con, "SELECT * FROM data_bank WHERE kd_mall = '1' LIMIT $offset,10");
9 $count = mysqli_num_rows($query);
10 $json_kosong = 0;
11 if($count < 10){
12     if($count == 0){
13         $json_kosong = 1;
14     }else{
15         $query = mysqli_query($con, "SELECT * FROM data_bank WHERE kd_mall = '1' LIMIT $offset,$count");
16         $count = mysqli_num_rows($query);
17         if(empty($count)){
18             $query = mysqli_query($con, "SELECT * FROM data_bank WHERE kd_mall = '1' LIMIT 0,10");
19             $num = 0;
20         }else{
21             $num = $offset;
22         }
23     }
24 } else{
25     $num = $offset;
26 }
27 $json = '[';
28 while ($row = mysqli_fetch_array($query)){
29     $num++;
30     $char = ',';
31     $json .= '{
32         "no": '.$num.',
33         "id_mall": "'.$str_replace($char, '', strip_tags($row['id_mall'])).'",
34         "kd": "'.$str_replace($char, '', strip_tags($row['kd_mall'])).'",
35         "nm_bank": "'.$str_replace($char, '', strip_tags($row['nm_bank'])).'",
36         "lantai": "'.$str_replace($char, '', strip_tags($row['lantai'])).'",
37         "blok": "'.$str_replace($char, '', strip_tags($row['blok'])).'",
38         "gbr_bank": "'.$str_replace($char, '', strip_tags($row['gbr_bank'])).'",
39     }';
40 }
41 $json = substr($json,0,strlen($json)-1);
42 if($json_kosong == 1){
43     $json = '["no": "", "id_mall": "", "kd": "", "nm_bank": "", "lantai": "", "blok": "", "gbr_bank": ""]';
44 }else{
45     $json .= ']';
46 }
47 echo $json;
48 mysqli_close($con);

```

7. toko_supermall_karawaci.php

/public_html/TAMailee/toko_supermall_karawaci.php

```

1 k?php
2 require "init.php";
3
4 sleep(2);
5 $offset = isset($_GET['offset']) && $_GET['offset'] != '' ? $_GET['offset'] : 0;
6 $all = mysqli_query($con, "SELECT * FROM data_toko WHERE kd_mall = '1'");
7 $count_all = mysqli_num_rows($all);
8 $query = mysqli_query($con, "SELECT * FROM data_toko WHERE kd_mall = '1' LIMIT $offset,10");
9 $count = mysqli_num_rows($query);
10 $json_kosong = 0;
11 * if($count<10){
12 *     if($count==0){
13 *         $json_kosong = 1;
14 *     }else{
15 *         $query = mysqli_query($con, "SELECT * FROM data_toko WHERE kd_mall = '1' LIMIT $offset,$count");
16 *         $count = mysqli_num_rows($query);
17 *         if(empty($count)){
18 *             $query = mysqli_query($con, "SELECT * FROM data_toko WHERE kd_mall = '1' LIMIT 0,10");
19 *             $num = 0;
20 *         }else{
21 *             $num = $offset;
22 *         }
23 *     }
24 * } else{
25 *     $num = $offset;
26 * }
27 * $json = '[';
28 * while ($row = mysqli_fetch_array($query)){
29 *     $num++;
30 *     $char = ",";
31 *     $json .= '{
32 *         "no": '.$num.',
33 *         "id_mall": "'.$str_replace($char,'"','strip_tags($row['id_mall']))'.",
34 *         "kd": "'.$str_replace($char,'"','strip_tags($row['kd_mall']))'.",
35 *         "nm_toko": "'.$str_replace($char,'"','strip_tags($row['nm_toko']))'.",
36 *         "lantai": "'.$str_replace($char,'"','strip_tags($row['lantai']))'.",
37 *         "blok": "'.$str_replace($char,'"','strip_tags($row['blok']))'.",
38 *         "gbr_toko": "'.$str_replace($char,'"','strip_tags($row['gbr_toko']))'.",';
39 *     }
40 * }
41 * $json = substr($json,0,strlen($json)-1);
42 * if($json_kosong==1){
43 *     $json = '[[{"no": "", "id_mall": "", "kd": "", "nm_toko": "", "lantai": "", "blok": "", "gbr_toko": ""}]]';
44 * }else{
45 *     $json .= ']' ;
46 * }
47 * echo $json;
48 * mysqli_close($con);

```

8. sport_supermall_karawaci.php

/public_html/TAMailee/sport_supermall_karawaci.php

```

1 k?php
2 require "init.php";
3
4 sleep(2);
5 $offset = isset($_GET['offset']) && $_GET['offset'] != '' ? $_GET['offset'] : 0;
6 $all = mysqli_query($con, "SELECT * FROM data_sport WHERE kd_mall = '1'");
7 $count_all = mysqli_num_rows($all);
8 $query = mysqli_query($con, "SELECT * FROM data_sport WHERE kd_mall = '1' LIMIT $offset,10");
9 $count = mysqli_num_rows($query);
10 $json_kosong = 0;
11 * if($count<10){
12 *     if($count==0){
13 *         $json_kosong = 1;
14 *     }else{
15 *         $query = mysqli_query($con, "SELECT * FROM data_sport WHERE kd_mall = '1' LIMIT $offset,$count");
16 *         $count = mysqli_num_rows($query);
17 *         if(empty($count)){
18 *             $query = mysqli_query($con, "SELECT * FROM data_sport WHERE kd_mall = '1' LIMIT 0,10");
19 *             $num = 0;
20 *         }else{
21 *             $num = $offset;
22 *         }
23 *     }
24 * } else{
25 *     $num = $offset;
26 * }
27 * $json = '[';
28 * while ($row = mysqli_fetch_array($query)){
29 *     $num++;
30 *     $char = ",";
31 *     $json .= '{
32 *         "no": '.$num.',
33 *         "id_mall": "'.$str_replace($char,'"','strip_tags($row['id_mall']))'.",
34 *         "kd": "'.$str_replace($char,'"','strip_tags($row['kd_mall']))'.",
35 *         "nm_sport": "'.$str_replace($char,'"','strip_tags($row['nm_sport']))'.",
36 *         "lantai": "'.$str_replace($char,'"','strip_tags($row['lantai']))'.",
37 *         "blok": "'.$str_replace($char,'"','strip_tags($row['blok']))'.",
38 *         "gbr_sport": "'.$str_replace($char,'"','strip_tags($row['gbr_sport']))'.",';
39 *     }
40 * }
41 * $json = substr($json,0,strlen($json)-1);
42 * if($json_kosong==1){
43 *     $json = '[[{"no": "", "id_mall": "", "kd": "", "nm_sport": "", "lantai": "", "blok": "", "gbr_sport": ""}]]';
44 * }else{
45 *     $json .= ']' ;
46 * }
47 * echo $json;
48 * mysqli_close($con);

```

10. event_supermall_karawaci.php

/public_html/TAMailee/event_supermall_karawaci.php

```

1 k?php
2 require "init.php";
3
4 sleep(2);
5 $offset = isset($_GET['offset']) && $_GET['offset'] != '' ? $_GET['offset'] : 0;
6 $all = mysqli_query($con, "SELECT * FROM data_event WHERE kd_mall = '1'");
7 $count_all = mysqli_num_rows($all);
8 $query = mysqli_query($con, "SELECT * FROM data_event WHERE kd_mall = '1' LIMIT $offset,10");
9 $count = mysqli_num_rows($query);
10 $json_kasong = 0;
11 if($count>0){
12     if($count==0){
13         $json_kasong = 1;
14     }else{
15         $query = mysqli_query($con, "SELECT * FROM data_event WHERE kd_mall = '1' LIMIT $offset,$count");
16         $count = mysqli_num_rows($query);
17         if(empty($count)){
18             $query = mysqli_query($con, "SELECT * FROM data_event WHERE kd_mall = '1' LIMIT 0,10");
19             $num = 0;
20         }else{
21             $num = $offset;
22         }
23     }
24 } else{
25     $num = $offset;
26 }
27 $json = '[';
28 while ($row = mysqli_fetch_array($query)){
29     $num++;
30     $char = ',';
31     $tgl = date("d M Y", strtotime($row['date']));
32     $string = substr(strip_tags($row['value']), 0, 200);
33     $json .= '{
34         "no": '.$num.',
35         "id": "'.$str_replace($char, '', strip_tags($row['id'])).'",
36         "kode": "'.$str_replace($char, '', strip_tags($row['kd_mall'])).'",
37         "judul": "'.$str_replace($char, '', strip_tags($row['keterangan'])).'",
38         "tgl": "'.$str_replace($char, '', strip_tags($tgl)).'",
39         "isi": "'.$str_replace($char, '', $string)." ...".'",
40         "gambar": "'.$str_replace($char, '', strip_tags($row['gbr_event'])).'";';
41 }
42 $json = substr($json,0,strlen($json)-1);
43 if($json_kasong==1){
44     $json = '["no": "", "id": "", "kode": "", "judul": "", "tgl": "", "isi": "", "gambar": ""]';
45 }else{
46     $json .= ']';
47 }
48 echo $json;
49 mysqli_close($con);
50 ?>
51

```

11. detail_event_supermall_karawaci.php

/public_html/TAMailee/detail_event_supermall_karawaci.php

```

1 k?php
2 require "init.php";
3
4 $id = isset($_POST['id']) ? $_POST['id'] : "";
5 $query = mysqli_query($con, "SELECT * FROM data_event WHERE id='".$id."'");
6 $json = '[';
7 while ($row = mysqli_fetch_array($query)){
8     $char = ',';
9     $tgl = date("d M Y", strtotime($row['date']));
10    $string = $row['value'];
11    $json .= '{
12        "id": "'.$str_replace($char, '', strip_tags($row['id'])).'",
13        "kode": "'.$str_replace($char, '', strip_tags($row['kd_mall'])).'",
14        "judul": "'.$str_replace($char, '', strip_tags($row['keterangan'])).'",
15        "tgl": "'.$str_replace($char, '', strip_tags($tgl)).'",
16        "isi": "'.$str_replace($char, '', $string)." ...".'",
17        "gambar": "'.$str_replace($char, '', strip_tags($row['gbr_event'])).'";';
18 }
19 $json .= ']';
20 echo $json;
21 mysqli_close($con);
22 ?>

```


12. fasilitas_supermall_karawaci.php

/public_html/TAMailee/fasilitas_supermall_karawaci.php

```

1  <?php
2  require "init.php";
3
4  sleep(2);
5  $offset = isset($_GET['offset']) && $_GET['offset'] != '' ? $_GET['offset'] : 0;
6  $all = mysqli_query($con, "SELECT * FROM data_fasilitas WHERE kd_mall = '1'");
7  $count_all = mysqli_num_rows($all);
8  $query = mysqli_query($con, "SELECT * FROM data_fasilitas WHERE kd_mall = '1' LIMIT $offset,10");
9  $count = mysqli_num_rows($query);
10 $json_kosong = 0;
11 if($count>0){
12     if($count==0){
13         $json_kosong = 1;
14     }else{
15         $query = mysqli_query($con, "SELECT * FROM data_fasilitas WHERE kd_mall = '1' LIMIT $offset,$count");
16         $count = mysqli_num_rows($query);
17         if(empty($count)){
18             $query = mysqli_query($con, "SELECT * FROM data_fasilitas WHERE kd_mall = '1' LIMIT 0,10");
19             $num = 0;
20         }else{
21             $num = $offset;
22         }
23     }
24 } else{
25     $num = $offset;
26 }
27 $json = '[';
28 while ($row = mysqli_fetch_array($query)){
29     $num++;
30     $char = ',';
31     $string = substr(strip_tags($row['value']), 0, 1000);
32     $json .= '{
33         "no": "'.$num.'",
34         "id": "'.$str_replace($char, ',', strip_tags($row['id'])) .'",
35         "kode": "'.$str_replace($char, ',', strip_tags($row['kd_mall'])) .'",
36         "judul": "'.$str_replace($char, ',', strip_tags($row['keterangan'])) .'",
37         "isi": "'.$str_replace($char, ',', $string).'".',
38         "gambar": "'.$str_replace($char, ',', strip_tags($row['images'])) .'"';
39     }
40     $json = substr($json,0,strlen($json)-1);
41     if($json_kosong==1){
42         $json = '["no": "", "id": "", "kode": "", "judul": "", "isi": "", "gambar": ""]';
43     }else{
44         $json .= '],';
45     }
46     echo $json;
47     mysqli_close($con);
48 }

```

13. promo.php

/public_html/TAMailee/promo.php

```

1  <?php
2  require "init.php";
3
4  sleep(2);
5  $offset = isset($_GET['offset']) && $_GET['offset'] != '' ? $_GET['offset'] : 0;
6  $all = mysqli_query($con, "SELECT * FROM data_promo ORDER BY id_mall DESC");
7  $count_all = mysqli_num_rows($all);
8  $query = mysqli_query($con, "SELECT * FROM data_promo ORDER BY id_mall DESC LIMIT $offset,10");
9  $count = mysqli_num_rows($query);
10 $json_kosong = 0;
11 if($count>0){
12     if($count==0){
13         $json_kosong = 1;
14     }else{
15         $query = mysqli_query($con, "SELECT * FROM data_promo ORDER BY id_mall DESC LIMIT $offset,$count");
16         $count = mysqli_num_rows($query);
17         if(empty($count)){
18             $query = mysqli_query($con, "SELECT * FROM data_promo ORDER BY id_mall DESC LIMIT 0,10");
19             $num = 0;
20         }else{
21             $num = $offset;
22         }
23     }
24 } else{
25     $num = $offset;
26 }
27 $json = '[';
28 while ($row = mysqli_fetch_array($query)){
29     $num++;
30     $char = ',';
31     $tgl_mulai = date("d M Y", strtotime($row['tgl_mulai']));
32     $tgl_akhir = date("d M Y", strtotime($row['tgl_akhir']));
33     $json .= '{
34         "no": "'.$num.'",
35         "id_mall": "'.$str_replace($char, ',', strip_tags($row['id_mall'])) .'",
36         "nm_mall": "'.$str_replace($char, ',', strip_tags($row['nm_mall'])) .'",
37         "tgl_mulai": "'.$str_replace($char, ',', strip_tags($tgl_mulai)) .'",
38         "tgl_akhir": "'.$str_replace($char, ',', strip_tags($tgl_akhir)) .'",
39         "gbr_promo": "'.$str_replace($char, ',', strip_tags($row['gbr_promo'])) .'"';
40     }
41     $json = substr($json,0,strlen($json)-1);
42     if($json_kosong==1){
43         $json = '["no": "", "id_mall": "", "nm_mall": "", "tgl_mulai": "", "tgl_akhir": "", "gbr_promo": ""]';
44     }else{
45         $json .= '],';
46     }
47     echo $json;
48     mysqli_close($con);
49 }
50

```

Lampiran 4. Source Code Java

1. ApiClient.java

```

1 package com.triskaaulia.tamailee._ApiConfig;
2
3 import ...
4
5 public class ApiClient
6 {
7     public static final String BASE_URL = "https://mall-mailee.00webhostapp.com/TAMailee/";
8     public static Retrofit retrofit = null;
9
10    public static Retrofit getApiClient()
11    {
12        if (retrofit == null)
13        {
14            retrofit = new Retrofit.Builder().baseUrl(BASE_URL).addConverterFactory(GsonConverterFactory.create()).build();
15        }
16        return retrofit;
17    }
18 }
19
20

```

2. MainDuaActivity.java

```

1 package com.triskaaulia.tamailee;
2
3
4 import ...
5
6
7
8
9
10
11
12
13
14
15
16
17
18 public class MainDuaActivity extends AppCompatActivity {
19     ChipNavigationBar bottomNav2;
20     FragmentManager fragmentManager;
21     private static final String TAG = MainDuaActivity.class.getSimpleName();
22
23     @Override
24     protected void onCreate(Bundle savedInstanceState) {
25         super.onCreate(savedInstanceState);
26         setContentView(R.layout.activity_main_dua);
27         bottomNav2 = findViewById(R.id.bottom_nav2);
28
29         if (savedInstanceState == null) {
30             bottomNav2.setItemSelected(R.id.home, dispatchAction: true);
31             fragmentManager = getSupportFragmentManager();
32             HomeFragmentDua homeFragmentDua = new HomeFragmentDua();
33             fragmentManager.beginTransaction()
34                 .replace(R.id.fragment_container_dua, homeFragmentDua)
35                 .commit();
36         } else {
37             bottomNav2.setItemSelected(R.id.promo, dispatchAction: true);
38             fragmentManager = getSupportFragmentManager();
39             PromoFragment notificationFragment = new PromoFragment();
40             fragmentManager.beginTransaction()
41                 .replace(R.id.fragment_container_dua, notificationFragment)
42                 .commit();
43         }
44
45         bottomNav2.setOnItemSelectedListener ((OnItemSelectedListener) (id) -> {
46             Fragment fragment = null;
47             switch (id) {
48                 case R.id.home:
49                     fragment = new HomeFragmentDua();
50                     break;
51                 case R.id.promo:
52                     fragment = new PromoFragment();
53                     break;
54             }
55             if (fragment != null) {
56                 fragmentManager = getSupportFragmentManager();
57                 fragmentManager.beginTransaction()
58                     .replace(R.id.fragment_container_dua, fragment)
59                     .commit();
60             } else {
61                 Log.e(TAG, "Error in Creating Fragment");
62             }
63         });
64     }
65 }
66
67
68
69

```

3. HomeFragmentDua.java

```

1 package com.triskaaulia.tamailee;
2
3 import ...
4
26
27
28 /**
29  * A simple {@link Fragment} subclass.
30  */
31 public class HomeFragmentDua extends Fragment {
32     private SliderPagerAdapter mAdapter;
33     private SliderIndicator mIndicator;
34     SharedPrefManager sharedPrefManager;
35
36     private SliderView sliderView;
37     private LinearLayout mLinearLayout;
38     private Integer [] images = {R.drawable.slide1,R.drawable.slide2,R.drawable.slide3};
39     RelativeLayout banten;
40     LinearLayout sMaps;
41
42     private Button logout;
43
44     public HomeFragmentDua() {
45         // Required empty public constructor
46     }
47
48
49     @Override
50     public View onCreateView(LayoutInflater inflater, ViewGroup container,
51                             Bundle savedInstanceState) {
52         View view = inflater.inflate(R.layout.fragment_home_dua, container, attachToRoot: false);
53         // Inflate the layout for this fragment
54         sliderView = view.findViewById(R.id.sliderView);
55         mLinearLayout = view.findViewById(R.id.pagesContainer);
56         logout = view.findViewById (R.id.logout);
57         sharedPrefManager = new SharedPrefManager (Objects.requireNonNull (getContext ( )));
58         logout.setOnClickListener ((view) -> {
59             sharedPrefManager.saveSPBoolean(SharedPrefManager.SP_SUDAH_LOGIN, value: false);
60             startActivity(new Intent(getActivity (), MainActivity.class)
61                 .addFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP | Intent.FLAG_ACTIVITY_NEW_TASK));
62
63             Objects.requireNonNull (getActivity ( )).finish ();
64             Intent goPindah = new Intent(getActivity(), MainActivity.class);
65             goPindah.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP | Intent.FLAG_ACTIVITY_NEW_TASK);
66             startActivity(goPindah);
67             getActivity().finish();
68         });
69
70         sMaps = (LinearLayout) view.findViewById (R.id.Maps);
71         sMaps.setOnClickListener ((view) -> {
72             Intent goPindah = new Intent(getActivity(), MapsActivity.class);
73             startActivity(goPindah);
74         });
75
76         banten = (RelativeLayout) view.findViewById(R.id.banten);
77         banten.setOnClickListener((view) -> {
78             Intent goPindah = new Intent(getActivity(), ListKotaBanten.class);
79             startActivity(goPindah);
80         });
81
82         setupSliderOffline();
83         return view;
84     }
85
86     private void setupSliderOffline() {sliderView.setDurationScroll(800);
87         List<Fragment> fragments = new ArrayList<> ();
88         fragments.add(FragmentSlider.newInstance("slide1"));
89         fragments.add(FragmentSlider.newInstance("slide2"));
90         fragments.add(FragmentSlider.newInstance("slide3"));
91
92         mAdapter = new SliderPagerAdapter(getFragmentManager(), fragments);
93         sliderView.setAdapter(mAdapter);
94         mIndicator = new SliderIndicator(getActivity(), mLinearLayout, sliderView, R.drawable.indicator_circle);
95         mIndicator.setPageCount(fragments.size());
96         mIndicator.show();
97     }
98 }
99
100
101
102
103
104
105
106
107
108
109
110 }

```

4. FragmentSlider.java

```

1 package com.triskaaulia.tamailee._Sliders;
2
3 import ...
4
5 /**
6  * Created by bogicode on 12/04/17.
7  */
8 //Halaman atau Fungsi Yang Dijalankan Pertama Kali Oleh Fragment
9 public class FragmentSlider extends Fragment { // implements View.OnClickListener {
10
11     private static final String ARG_PARAM1 = "params";
12
13     private String imageUrl;
14
15     public FragmentSlider() {
16     }
17
18     @
19     public static FragmentSlider newInstance(String params) {
20         FragmentSlider fragment = new FragmentSlider ( );
21         Bundle args = new Bundle ( );
22         args.putString (ARG_PARAM1, params);
23         fragment.setArguments (args);
24         return fragment;
25     }
26
27     //Dipanggil Saat Fragment Sudah Siap Membaca Sebuah Layout.
28     @Override
29     public View onCreateView(LayoutInflater inflater, ViewGroup container,
30                             Bundle savedInstanceState) {
31         imageUrl = getArguments ( ).getString (ARG_PARAM1);
32
33         Uri uri = Uri.parse ("android.resource://com.triskaaulia.tamailee/drawable/" + imageUrl);
34
35         View view = inflater.inflate (R.layout.fragment_slider_item, container, attachToRoot: false);
36         ImageView img = (ImageView) view.findViewById (R.id.img);
37         Glide.with (getActivity ( )) .RequestManager
38             .load (uri) .DrawableTypeRequest<Uri>
39             .placeholder (R.drawable.slide1) .DrawableRequestBuilder<Uri>
40             .into (img);
41         //Glide Perpustakaan Android Untuk Memuat Gambar, Video, dan GIF Animasi.
42         img.setOnClickListener(this);
43         return view;
44     }
45 }

```

5. MapsActivity.java

```

1 package com.triskaaulia.tamailee._Maps;
2
3 import ...
4
5 public class MapsActivity extends FragmentActivity implements OnMapReadyCallback,
6     GoogleApiClient.ConnectionCallbacks,
7     GoogleApiClient.OnConnectionFailedListener,
8     LocationListener {
9
10     private GoogleMap mMap;
11     private GoogleApiClient client;
12     private LocationRequest locationRequest;
13     private Location lastLocation;
14     private Marker currentLocationMarker;
15     public static final int REQUEST_LOCATION_CODE = 99;
16     double latitude, longitude;
17     LatLng lastLng;
18     String title;
19     MarkerOptions markerOptions = new MarkerOptions();
20     private String url = "https://mail-mailee.p90webhostapp.com/TAMailee/markers.php";
21     String tag_json_obj = "json_obj_req";
22
23     public static final String ID = "id";
24     public static final String TITLE = "nama";
25     public static final String LAT = "lat";
26     public static final String LNG = "lng";
27
28     @Override
29     protected void onCreate(Bundle savedInstanceState) {
30         super.onCreate (savedInstanceState);
31         setContentView (R.layout.activity_maps);
32
33         if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.M) {
34             checkLocationPermission ( );
35         }
36         // Obtain the SupportMapFragment and get notified when the map is ready to be used.
37         SupportMapFragment mapFragment = (SupportMapFragment) getSupportFragmentManager ( )
38             .findFragmentById (R.id.map);
39         mapFragment.getMapAsync ( onMapReadyCallback: this);
40     }
41
42     //Meminta Izin Untuk Menyalakan GPS/Jitik Lokasi Kita
43     @Override
44     public void onRequestPermissionsResult(int requestCode, @NonNull String[] permissions, @NonNull int[] grantResults) {
45         switch (requestCode) {
46             case REQUEST_LOCATION_CODE:
47                 if (grantResults.length > 0 && grantResults[0] == PackageManager.PERMISSION_GRANTED) {
48                     //permission is granted
49                     if (ContextCompat.checkSelfPermission ( context: this, Manifest.permission.ACCESS_FINE_LOCATION) == PackageManager.PERMISSION_GRANTED) {
50                         if (client == null) {
51                             buildGoogleApiClient ( );
52                         }
53                         mMap.setMyLocationEnabled (true);
54                     } else //permission is denied
55                     {
56                         Toast.makeText ( context: this, text: "Permission Denied!", Toast.LENGTH_LONG).show ( );
57                     }
58                 }
59             default:
60                 //Do nothing, user denied without explaining why
61                 //To be able to handle different types of permissions
62                 //you can find details at: https://developer.android.com/reference/android/app/Activity.html#onRequestPermissionsResult
63         }
64     }
65 }

```



```

94         }
95         return;
96     }
97 }
98
99 /**
100  * Manipulates the map once available.
101  * This callback is triggered when the map is ready to be used.
102  * This is where we can add markers or lines, add listeners or move the camera. In this case,
103  * we just add a marker near Sydney, Australia.
104  * If Google Play services is not installed on the device, the user will be prompted to install
105  * it inside the SupportMapFragment. This method will only be triggered once the user has
106  * installed Google Play services and returned to the app.
107  */
108
109 //Memulai Google Play Services
110 @Override
111 public void onMapReady(GoogleMap googleMap) {
112     mMap = googleMap;
113
114     if (ContextCompat.checkSelfPermission ( context: this, Manifest.permission.ACCESS_FINE_LOCATION) == PackageManager.PERMISSION_GRANTED) {
115         buildGoogleApiClient ();
116         mMap.setMyLocationEnabled (true);
117         getMarkers();
118     }
119 }
120
121 //Penanda Lokasi Pada Peta
122 private void addMarker(LatLng latIng, final String title) {
123     markerOptions.position(latIng);
124     markerOptions.title(title);
125     mMap.addMarker(markerOptions);
126
127     mMap.setOnInfoWindowClickListener((marker) -> {
128         Toast.makeText(getApplicationContext(), marker.getTitle(), Toast.LENGTH_SHORT).show();
129     });
130 }
131
132 //Fungsi Get JSON Marker
133 private void getMarkers() {
134     StringRequest strReq = new StringRequest (Request.Method.POST, url, (response) -> {
135         Log.e( tag: "Response: ", response.toString());
136
137         try {
138             JSONObject jsonObj = new JSONObject(response);
139             String getObject = jsonObj.getString( name: "markers");
140             JSONArray jsonArray = new JSONArray(getObject);
141
142             for (int i = 0; i < jsonArray.length(); i++) {
143                 JSONObject jsonObjObject = jsonObj.getJSONObject(i);
144                 title = jsonObjObject.getString(TITLE);
145                 latIng = new LatLng(Double.parseDouble(jsonObjObject.getString(LAT)), Double.parseDouble(jsonObjObject.getString(LNG)));
146
147                 // Menambah data marker untuk di tampilkan ke google map
148                 addMarker(latIng, title);
149             }
150
151         } catch (JSONException e) {
152             // JSON error
153             e.printStackTrace();
154         }
155     }, (error) -> {
156         Log.e( tag: "Error: ", error.getMessage());
157         Toast.makeText( context: MapsActivity.this, error.getMessage(), Toast.LENGTH_LONG).show();
158     });
159
160     ApplicationController.getInstance().addToRequestQueue(strReq, tag_json_obj);
161 }
162
163 //Inisialisasi Google Play Services
164 protected synchronized void buildGoogleApiClient() {
165     client = new GoogleApiClient.Builder ( context: this) //Konfigurasi Klien.
166         .addConnectionCallbacks (this) //Menyediakan Callback Yang Diperlukan Saat Klien Terhubung Atau Terputus Dari Server.
167         .addOnConnectionFailedListener (this) //Menyediakan Callback Yang Diperlukan Saat Klien Gagal Terhubung Dengan Layanan.
168         .addApi (LocationServices.API) //Menambahkan LocationServices API Titik Akhir Google Play Services.
169         .build ();
170     client.connect (); //Klien Harus Terhubung Terlebih Dahulu Sebelum Dapat Melakukan Sebuah Operasi.
171 }
172
173 //Lokasi kita saat ini
174 @Override
175 public void onLocationChanged(Location location) {
176     lastLocation = location;
177     latitude = location.getLatitude ();
178     longitude = location.getLongitude ();
179 }

```

```

191         if (currentLocationMarker != null) {
192             currentLocationMarker.remove ();
193         }
194
195         LatLng latLng = new LatLng (location.getLatitude (), location.getLongitude ());
196         MarkerOptions markerOptions = new MarkerOptions ();
197         markerOptions.position (latLng);
198         markerOptions.title ("Current Location");
199         markerOptions.icon (BitmapDescriptorFactory.defaultMarker (BitmapDescriptorFactory.HUE_BLUE));
200
201         currentLocationMarker = mMap.addMarker (markerOptions);
202
203         mMap.moveCamera (CameraUpdateFactory.newLatLng (latLng));
204         mMap.animateCamera (CameraUpdateFactory.zoomBy (v: 10));
205
206         if (client != null) {
207             LocationServices.FusedLocationApi.removeLocationUpdates (client, locationListener: this);
208         }
209     }
210
211     //Memperbarui Lokasi Titik Dengan Menggunakan GPS dan Sinyal Internet
212     @Override
213     public void onConnected(@Nullable Bundle bundle) {
214         locationRequest = new LocationRequest ();
215
216         locationRequest.setInterval (1000);
217         locationRequest.setFastestInterval (1000);
218         locationRequest.setPriority (LocationRequest.PRIORITY_BALANCED_POWER_ACCURACY);
219
220         if (ContextCompat.checkSelfPermission (context: this, Manifest.permission.ACCESS_FINE_LOCATION) == PackageManager.PERMISSION_GRANTED) {
221             LocationServices.FusedLocationApi.requestLocationUpdates (client, locationRequest, locationListener: this);
222         }
223     }
224
225     //Jika Aplikasi Mendapatkan Izin Harus Menghasilkan PackageManager.PERMISSION_GRANTED, Sehingga Aplikasi Dapat Melanjutkan Prosesnya.
226     public boolean checkLocationPermission() {
227         if (ContextCompat.checkSelfPermission (context: this, Manifest.permission.ACCESS_FINE_LOCATION) != PackageManager.PERMISSION_GRANTED) {
228             if (ActivityCompat.shouldShowRequestPermissionRationale (activity: this, Manifest.permission.ACCESS_FINE_LOCATION)) {
229                 ActivityCompat.requestPermissions (activity: this, new String[] {Manifest.permission.ACCESS_FINE_LOCATION}, REQUEST_LOCATION_CODE);
230             } else {
231                 ActivityCompat.requestPermissions (activity: this, new String[] {Manifest.permission.ACCESS_FINE_LOCATION}, REQUEST_LOCATION_CODE);
232             }
233             return false;
234         } else {
235             return true;
236         }
237     }
238
239     @Override
240     public void onConnectionSuspended(int i) {
241     }
242
243     @Override
244     public void onConnectionFailed(@NonNull ConnectionResult connectionResult) {
245     }
246
247     }
248 }

```

6. ListKotaBanten.java

```

ListKotaBanten.java
1 package com.triskaaulia.tamailee._Banten;
2
3 import ...
11
12 public class ListKotaBanten extends AppCompatActivity {
13
14     RelativeLayout tgr, tgrs;
15
16     @Override
17     protected void onCreate(Bundle savedInstanceState) {
18         super.onCreate (savedInstanceState);
19         setContentView (R.layout.list_kota_banten);
20
21         tgr = (RelativeLayout) findViewById (R.id.tgr);
22         tgr.setOnClickListener((view) -> {
23             Intent goPindah = new Intent( packageContext: ListKotaBanten.this, ListMallTgr.class);
24             startActivity(goPindah);
25         });
26     }
27
28 }
29
30 }

```

7. ListMallTgr.java

```

1  package com.triskaaulia.tamailee._Banten;
2
3  import ...
4
11
12  public class ListMallTgr extends AppCompatActivity {
13
14      RelativeLayout sk, mtc, mm, mbk;
15
16      @Override
17      protected void onCreate(Bundle savedInstanceState) {
18          super.onCreate(savedInstanceState);
19          setContentView(R.layout.list_mall_banten);
20
21          sk = (RelativeLayout) findViewById(R.id.sk);
22          sk.setOnClickListener((view) -> {
23              Intent goPindah = new Intent( packageContext ListMallTgr.this, SupermallKarawaci.class);
24              startActivity(goPindah);
25          });
26
27          mtc = (RelativeLayout) findViewById(R.id.mtc);
28          mtc.setOnClickListener((view) -> {
29              Intent goPindah = new Intent( packageContext ListMallTgr.this, MallTangCity.class);
30              startActivity(goPindah);
31          });
32
33          mm = (RelativeLayout) findViewById(R.id.mm);
34          mm.setOnClickListener((view) -> {
35              Intent goPindah = new Intent( packageContext ListMallTgr.this, MallMetropolis.class);
36              startActivity(goPindah);
37          });
38
39          mbk = (RelativeLayout) findViewById(R.id.mbk);
40          mbk.setOnClickListener((view) -> {
41              Intent goPindah = new Intent( packageContext ListMallTgr.this, MallBaleKota.class);
42              startActivity(goPindah);
43          });
44      }
45  }

```

8. InfoMallSK.java

```

1  package com.triskaaulia.tamailee._ListInfoMall;
2
3  import ...
4
30
31  public class InfoMallSK extends AppCompatActivity implements SwipeRefreshLayout.OnRefreshListener {
32
33      ListView list;
34      SwipeRefreshLayout swipe;
35      List<MallData> malllist = new ArrayList<>();
36
37      private static final String TAG = InfoMallSK.class.getSimpleName();
38
39      private static String url_List = ApiClient.BASE_URL + "info_mall_supermall_karawaci.php?offset=";
40
41      private int offSet = 0;
42
43      int no;
44
45      MallAdapter adapter;
46
47      public static final String TAG_NO = "no";
48      public static final String TAG_ID = "id";
49      public static final String TAG_JUDUL = "judul";
50      public static final String TAG_ISI = "isi";
51      public static final String TAG_GAMBAR = "gambar";
52
53      Handler handler;
54      Runnable runnable;
55  }

```

```

56 String tag_json_obj = "json_obj_req";
57 private ProgressDialog pDialog;
58
59 @Override
60 protected void onCreate(Bundle savedInstanceState) {
61     super.onCreate(savedInstanceState);
62     setContentView(R.layout.main_info_mall);
63
64     swipe = (SwipeRefreshLayout) findViewById(R.id.swipe_refresh_layout);
65     list = (ListView) findViewById(R.id.info_mall);
66     malllist.clear();
67
68     adapter = new MallAdapter( activity, InfoMallSK.this, malllist);
69     list.setAdapter(adapter);
70
71     swipe.setOnRefreshListener(this);
72
73     swipe.post(() -> {
74         swipe.setRefreshing(true);
75         malllist.clear();
76         adapter.notifyDataSetChanged();
77         callMall( page 0);
78     });
79
80     list.setOnScrollListener(new AbsListView.OnScrollListener() {
81         private int currentVisibleItemCount;
82         private int currentScrollState;
83         private int currentFirstVisibleItem;
84         private int totalItem;
85
86         @Override
87         public void onScrollStateChanged(AbsListView view, int scrollState) {
88             this.currentScrollState = scrollState;
89             this.isScrollCompleted();
90         }
91
92         @Override
93         public void onScroll(AbsListView view, int firstVisibleItem, int visibleItemCount, int totalItemCount) {
94             this.currentFirstVisibleItem = firstVisibleItem;
95             this.currentVisibleItemCount = visibleItemCount;
96             this.totalItem = totalItemCount;
97         }
98
99         private void isScrollCompleted() {
100             if (totalItem - currentFirstVisibleItem == currentVisibleItemCount
101                 && this.currentScrollState == SCROLL_STATE_IDLE) {
102                 swipe.setRefreshing(true);
103                 handler = new Handler();
104
105                 runnable = (Runnable) () -> { callMall(offSet); };
106                 handler.postDelayed(runnable, delayMillis: 3000);
107             }
108         }
109     });
110
111     private void callMall(int page) {
112         swipe.setRefreshing(true);
113
114         // Creating volley request obj
115         JSONArrayRequest arrReq = new JSONArrayRequest( url url_list + page,
116             (response) -> {
117                 Log.e(TAG, response.toString());
118
119                 if (response.length() > 0) {
120                     // Parsing json
121                     for (int i = 0; i < response.length(); i++) {
122                         try {
123                             JSONObject obj = response.getJSONObject(i);
124                             MallData mall = new MallData();
125
126                             no = obj.getInt(TAG_NO);
127
128                             mall.setId(obj.getString(TAG_ID));
129                             mall.setJudul(obj.getString(TAG_JUDUL));
130
131                             if (obj.getString(TAG_GAMBAR) != "") {
132                                 mall.setGambar(obj.getString(TAG_GAMBAR));
133                             }
134                             mall.setIsi(obj.getString(TAG_ISI));
135                         } catch (JSONException e) {
136                             e.printStackTrace();
137                         }
138                     }
139                 }
140             });
141     }
142 }

```

```

152
153 // adding news to news array
154 malllist.add(mall);
155
156 if (no > offSet)
157     offSet = no;
158
159 Log.e(TAG, "msg: " + offSet);
160
161 } catch (JSONException e) {
162     Log.e(TAG, "msg: " + e.getMessage());
163 }
164
165 // notifying list adapter about data changes
166 // so that it renders the list view with updated data
167 adapter.notifyDataSetChanged();
168
169 }
170 swipe.setRefreshing(false);
171 }, (error) -> {
172     VolleyLog.e(TAG, "Error: " + error.getMessage());
173     swipe.setRefreshing(false);
174 });
175
176 // Adding request to request queue
177 ApplicationController.getInstance().addToRequestQueue(arrReq);
178
179 }
180
181 @Override
182 public void onRefresh() {
183     malllist.clear();
184     adapter.notifyDataSetChanged();
185     callMall( page: 0);
186 }
187
188 }

```

9. MallData.java

```

MallData.java
1 package com.triskaaulia.tamailee._ListInfoMall;
2
3 public class MallData {
4     private String id, judul, isi, gambar;
5
6     @ public MallData() {
7     }
8
9     public MallData(String id, String judul, String isi, String gambar) {
10         this.id = id;
11         this.judul = judul;
12         this.gambar = gambar;
13         this.isi = isi;
14     }
15
16     public String getId() { return id; }
17
18     public void setId(String id) { this.id = id; }
19
20     public String getJudul() { return judul; }
21
22     public void setJudul(String judul) { this.judul = judul; }
23
24     public String getGambar() { return gambar; }
25
26     public void setGambar(String gambar) { this.gambar = gambar; }
27
28     public String getIsi() { return isi; }
29
30     public void setIsi(String isi) { this.isi = isi; }
31
32 }
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48

```


10. MallAdapter.java

```

1 package com.triskaaulia.tamailee._ListInfoMall;
2
3 import ...
4
18
19 public class MallAdapter extends BaseAdapter {
20     private Activity activity;
21     private LayoutInflater inflater;
22     private List<MallData> mallItems;
23     ImageLoader imageLoader;
24
25     public MallAdapter(Activity activity, List<MallData> mallItems) {
26         this.activity = activity;
27         this.mallItems = mallItems;
28     }
29
30     @Override
31     public int getCount() { return mallItems.size(); }
32
33     @Override
34     public Object getItem(int location) { return mallItems.get(location); }
35
36     @Override
37     public long getItemId(int position) { return position; }
38
39     @Override
40     public View getView(int position, View convertView, ViewGroup parent) {
41
42         if (inflater == null)
43             inflater = (LayoutInflater) activity
44                 .getSystemService(Context.LAYOUT_INFLATER_SERVICE);
45
46         if (convertView == null)
47             convertView = inflater.inflate(R.layout.info_mall, null);
48
49         if (imageLoader == null)
50             imageLoader = AppController.getInstance().getImageLoader();
51
52         NetworkImageView thumbNail = (NetworkImageView) convertView.findViewById(R.id.mall_gambar);
53         TextView judul = (TextView) convertView.findViewById(R.id.mall_judul);
54         TextView isi = convertView.findViewById(R.id.mall_isi);
55
56         MallData mall = mallItems.get(position);
57
58         thumbNail.setImageUrl(mall.getGambar(), imageLoader);
59         judul.setText(mall.getJudul());
60         isi.setText(Html.fromHtml(mall.getIsi()));
61
62         return convertView;
63     }
64 }

```

11. StoreMallSK.java

```

1 package com.triskaaulia.tamailee._ListStore;
2
3 import ...
4
17
18 public class StoreMallSK extends AppCompatActivity {
19
20     RelativeLayout restaurant, ent, bank, tk, hap, sport;
21
22     @Override
23
24     protected void onCreate(Bundle savedInstanceState) {
25         super.onCreate(savedInstanceState);
26         setContentView(R.layout.tipe_store);
27
28         restaurant = (RelativeLayout) findViewById(R.id.restaurant);
29         restaurant.setOnClickListener((view) -> {
30             Intent goPindah = new Intent( packageContext.StoreMallSK.this, RestaurantSK.class);
31             startActivity(goPindah);
32         });
33
34         ent = (RelativeLayout) findViewById(R.id.ent);
35         ent.setOnClickListener((view) -> {
36             Intent goPindah = new Intent( packageContext.StoreMallSK.this, EntertainmentSK.class);
37             startActivity(goPindah);
38         });
39
40         bank = (RelativeLayout) findViewById(R.id.bank);
41         bank.setOnClickListener((view) -> {
42             Intent goPindah = new Intent( packageContext.StoreMallSK.this, BankSK.class);
43         });
44     }
45 }

```

```

51         startActivity(goPindah);
52     });
53
54
55     tk = (RelativeLayout) findViewById(R.id.tk);
56     tk.setOnClickListener((view) -> {
57         Intent goPindah = new Intent( packageContext: StoreMallSK.this, TokoSK.class);
58         startActivity(goPindah);
59     });
60
61
62
63
64     hap = (RelativeLayout) findViewById(R.id.hap);
65     hap.setOnClickListener((view) -> {
66         Intent goPindah = new Intent( packageContext: StoreMallSK.this, HealthSK.class);
67         startActivity(goPindah);
68     });
69
70
71
72
73     sport = (RelativeLayout) findViewById(R.id.sport);
74     sport.setOnClickListener((view) -> {
75         Intent goPindah = new Intent( packageContext: StoreMallSK.this, SportSK.class);
76         startActivity(goPindah);
77     });
78
79
80
81     }
82 }

```

12. RestaurantSK.java

```

RestaurantSK.java
1  package com.triskaaulia.tamailee._Restaurant;
2
3
27  import ...
28  public class RestaurantSK extends AppCompatActivity implements SwipeRefreshLayout.OnRefreshListener {
29
30      ListView list;
31      SwipeRefreshLayout swipe;
32      List<RestaurantData> restaurantList = new ArrayList<>();
33
34      private static final String TAG = RestaurantSK.class.getSimpleName();
35
36      private static String url_List = ApiClient.BASE_URL + "restaurant_supermall_karawaci.php?offset=";
37
38      private int offSet = 0;
39
40      int no;
41
42      RestaurantAdapter adapter;
43
44      public static final String TAG_ID_MALL = "id_mall";
45      public static final String TAG_NM_RESTAURANT = "nm_restaurant";
46      public static final String TAG_LANTAI = "lantai";
47      public static final String TAG_BLOK = "blok";
48      public static final String TAG_GBR_RESTAURANT = "gbr_restaurant";
49
50      Handler handler;
51      Runnable runnable;
52
53      String tag_json_obj = "json_obj_req";
54      private ProgressDialog pDialog;
55
56      @Override
57      protected void onCreate(Bundle savedInstanceState) {
58          super.onCreate (savedInstanceState);
59          setContentView (R.layout.main_res);
60
61          swipe = (SwipeRefreshLayout) findViewById(R.id.swipe_refresh_layout);
62          list = (ListView) findViewById(R.id.restaurant);
63          restaurantList.clear();
64
65          adapter = new RestaurantAdapter ( activity: RestaurantSK.this, restaurantList);
66          list.setAdapter(adapter);
67
68          swipe.setOnRefreshListener(this);
69
70          swipe.post(() -> {
71              swipe.setRefreshing(true);
72              restaurantList.clear();
73              adapter.notifyDataSetChanged();
74              callRestaurant( page: 0);
75          });
76
77
78
79
80
81          list.setOnScrollListener(new AbsListView.OnScrollListener() {
82
83              private int currentVisibleItemCount;
84              private int currentScrollState;

```

```

85     private int currentFirstVisibleItem;
86     private int totalItem;
87
88     @Override
89     public void onScrollStateChanged(AbsListView view, int scrollState) {
90         this.currentScrollState = scrollState;
91         this.isScrollCompleted();
92     }
93
94     @Override
95     public void onScroll(AbsListView view, int firstVisibleItem, int visibleItemCount, int totalItemCount) {
96         this.currentFirstVisibleItem = firstVisibleItem;
97         this.currentVisibleItemCount = visibleItemCount;
98         this.totalItem = totalItemCount;
99     }
100
101     private void isScrollCompleted() {
102         if (totalItem - currentFirstVisibleItem == currentVisibleItemCount
103             && this.currentScrollState == SCROLL_STATE_IDLE) {
104             swipe.setRefreshing(true);
105             handler = new Handler();
106             runnable = (Runnable) () -> {
107                 callRestaurant(offset);
108             };
109             handler.postDelayed(runnable, delayMillis: 3000);
110         }
111     }
112
113     private void callRestaurant(int page) {
114         swipe.setRefreshing(true);
115
116         // Creating volley request obj
117         JSONArrayRequest arrReq = new JSONArrayRequest( url.url_list + page,
118             (response) -> {
119                 Log.e(TAG, response.toString());
120
121                 if (response.length() > 0) {
122                     // Parsing json
123                     for (int i = 0; i < response.length(); i++) {
124                         try {
125                             JSONObject obj = response.getJSONObject(i);
126                             RestaurantData restaurant = new RestaurantData ();
127
128                             restaurant.setId_mall(obj.getString(TAG_ID_MALL));
129                             restaurant.setNm_restaurant (obj.getString(TAG_NM_RESTAURANT));
130
131                             if (obj.getString(TAG_GBR_RESTAURANT) != "") {
132                                 restaurant.setGbr_restaurant (obj.getString(TAG_GBR_RESTAURANT));
133                             }
134                             restaurant.setLantai (obj.getString(TAG_LANTAI));
135                             restaurant.setBlok (obj.getString(TAG_BLOK));
136
137                             // adding news to news array
138                             restaurantList.add(restaurant);
139
140                             if (no > offset)
141                                 offset = no;
142                             Log.e(TAG, "msg: "offset " + offset);
143                         } catch (JSONException e) {
144                             Log.e(TAG, "msg: "JSON Parsing error: " + e.getMessage());
145                         }
146                     }
147                     // notifying list adapter about data changes
148                     // so that it renders the list view with updated data
149                     adapter.notifyDataSetChanged();
150                 }
151                 swipe.setRefreshing(false);
152             }, (error) -> {
153                 VolleyLog.e(TAG, "Error: " + error.getMessage());
154                 swipe.setRefreshing(false);
155             });
156
157         // Adding request to request queue
158         ApplicationController.getInstance().addToRequestQueue(arrReq);
159     }
160
161     @Override
162     public void onRefresh() {
163         restaurantList.clear();
164         adapter.notifyDataSetChanged();
165         callRestaurant( page: 0);
166     }
167
168 }

```

13. RestaurantData.java

```

1 package com.triskaaulia.tamailee._Restaurant;
2
3 public class RestaurantData {
4     private String id_mall, nm_restaurant, lantai, blok, gbr_restaurant;
5
6     public RestaurantData() {
7     }
8
9     public RestaurantData (String id_mall, String nm_restaurant, String lantai, String blok, String gbr_restaurant) {
10         this.id_mall = id_mall;
11         this.nm_restaurant = nm_restaurant;
12         this.lantai = lantai;
13         this.blok = blok;
14         this.gbr_restaurant = gbr_restaurant;
15     }
16
17     public String getId_mall() { return id_mall; }
18
19     public void setId_mall(String id_mall) { this.id_mall = id_mall; }
20
21     public String getNm_restaurant() { return nm_restaurant; }
22
23     public void setNm_restaurant(String nm_restaurant) { this.nm_restaurant = nm_restaurant; }
24
25     public String getLantai() { return lantai; }
26
27     public void setLantai(String lantai) { this.lantai = lantai; }
28
29     public String getBlok() { return blok; }
30
31     public void setBlok(String blok) { this.blok = blok; }
32
33     public String getGbr_restaurant() { return gbr_restaurant; }
34
35     public void setGbr_restaurant(String gbr_restaurant) { this.gbr_restaurant = gbr_restaurant; }
36 }

```

14. RestaurantAdapter.java

```

1 package com.triskaaulia.tamailee._Restaurant;
2
3 import ...
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18 public class RestaurantAdapter extends BaseAdapter {
19     private Activity activity;
20     private LayoutInflater inflater;
21     private List<RestaurantData> restaurantItems;
22     ImageLoader imageLoader;
23
24     public RestaurantAdapter (Activity activity, List<RestaurantData> restaurantItems) {
25         this.activity = activity;
26         this.restaurantItems = restaurantItems;
27     }
28
29     @Override
30     public int getCount() { return restaurantItems.size(); }
31
32
33     @Override
34     public Object getItem(int location) { return restaurantItems.get(location); }
35
36
37     @Override
38     public long getItemId(int position) { return position; }
39
40
41     @Override
42     public View getView(int position, View convertView, ViewGroup parent) {
43
44         if (inflater == null)
45             inflater = (LayoutInflater) activity

```

```

49         .getSystemService(Context.LAYOUT_INFLATER_SERVICE);
50
51         if (convertView == null)
52             convertView = inflater.inflate(R.layout.restaurant, root, null);
53
54         if (imageLoader == null)
55             imageLoader = ApplicationController.getInstance().getImageLoader();
56
57         TextView res = (TextView) convertView.findViewById(R.id.nama_res);
58         NetworkImageView thumbNail = (NetworkImageView) convertView.findViewById(R.id.gambar_res);
59         TextView lt = (TextView) convertView.findViewById(R.id.lantai);
60         TextView blk = (TextView) convertView.findViewById(R.id.blok);
61
62         RestaurantData restaurant = restaurantItems.get(position);
63
64         res.setText(restaurant.getNm_restaurant ());
65         thumbNail.setImageUrl(restaurant.getGbr_restaurant (), imageLoader);
66         lt.setText(restaurant.getLantai ());
67         blk.setText(restaurant.getBlok ());
68
69         return convertView;
70     }
71 }

```

15. EventSK.java

```

EventSK.java
1  package com.triskaaulia.tamalee._Event;
2
3  import ...
4
29  public class EventSK extends AppCompatActivity implements SwipeRefreshLayout.OnRefreshListener {
30
31      ListView list;
32      SwipeRefreshLayout swipe;
33      List<EventData> eventList = new ArrayList<>();
34
35      private static final String TAG = EventSK.class.getSimpleName();
36
37      private static String url_list = ApiClient.BASE_URL + "event_supermall_karawaci.php?offset=";
38
39      private int offSet = 0;
40
41      int no;
42
43      EventAdapter adapter;
44
45      public static final String TAG_ID = "id";
46      public static final String TAG_JUDUL = "judul";
47      public static final String TAG_TGL = "tgl";
48      public static final String TAG_ISI = "isi";
49      public static final String TAG_GAMBAR = "gambar";
50
51      Handler handler;
52      Runnable runnable;
53
54

```



```

55  @Override
56  protected void onCreate(Bundle savedInstanceState) {
57      super.onCreate(savedInstanceState);
58      setContentView(R.layout.main_event);
59
60      swipe = (SwipeRefreshLayout) findViewById(R.id.swipe_refresh_layout);
61      list = (ListView) findViewById(R.id.event);
62      eventList.clear();
63
64      list.setOnItemClickListener((parent, view, position, id) -> {
65          // TODO Auto-generated method stub
66          Intent intent = new Intent( packageContext, EventSK.this, DetailEventSK.class);
67          intent.putExtra(TAG_ID, eventList.get(position).getId());
68          startActivity(intent);
69      });
70
71      adapter = new EventAdapter( activity, EventSK.this, eventList);
72      list.setAdapter(adapter);
73
74      swipe.setOnRefreshListener(this);
75
76      swipe.post(() -> {
77          swipe.setRefreshing(true);
78          eventList.clear();
79          adapter.notifyDataSetChanged();
80          callEvent( page: 0);
81      });
82
83      list.setOnScrollListener(new AbsListView.OnScrollListener() {
84
85          private int currentVisibleItemCount;
86          private int currentScrollState;
87          private int currentFirstVisibleItem;
88          private int totalItem;
89
90          @Override
91          public void onScrollStateChanged(AbsListView view, int scrollState) {
92              this.currentScrollState = scrollState;
93              this.isScrollCompleted();
94          }
95
96          @Override
97          public void onScroll(AbsListView view, int firstVisibleItem, int visibleItemCount, int totalItemCount) {
98              this.currentFirstVisibleItem = firstVisibleItem;
99              this.currentVisibleItemCount = visibleItemCount;
100              this.totalItem = totalItemCount;
101          }
102
103          private void isScrollCompleted() {
104              if (totalItem - currentFirstVisibleItem == currentVisibleItemCount
105                  && this.currentScrollState == SCROLL_STATE_IDLE) {
106
107                  swipe.setRefreshing(true);
108                  handler = new Handler();
109
110                  runnable = (Runnable) () -> { callEvent(offSet); };
111
112
113
114
115
116
117
118
119
120
121
122
123
124

```

```

125         handler.postDelayed(runnable, delayMillis: 3000);
126     }
127 }
128
129 });
130
131 }
132
133 @Override
134 public void onRefresh() {
135     eventList.clear();
136     adapter.notifyDataSetChanged();
137     callEvent( page: 0);
138 }
139
140 private void callEvent(int page){
141
142     swipe.setRefreshing(true);
143
144     // Creating volley request obj
145     JsonRequest arrReq = new JsonRequest( url: url_List + page,
146     (response) -> {
147         Log.d(TAG, response.toString());
148
149         if (response.length() > 0) {
150             // Parsing json
151             for (int i = 0; i < response.length(); i++) {
152                 try {
153                     JSONObject obj = response.getJSONObject(i);
154                     EventData event = new EventData();
155
156                     event.setId(obj.getString(TAG_ID));
157                     event.setJudul(obj.getString(TAG_JUDUL));
158
159                     if (obj.getString(TAG_GAMBAR) != "") {
160                         event.setGambar(obj.getString(TAG_GAMBAR));
161                     }
162
163                     event.setTgl(obj.getString(TAG_TGL));
164                     event.setIsi(obj.getString(TAG_ISI));
165
166                     // adding news to news array
167                     eventList.add(event);
168
169                     if (no > offSet)
170                         offSet = no;
171
172                     Log.d(TAG, msg: "offSet " + offSet);
173
174                 } catch (JSONException e) {
175                     Log.e(TAG, msg: "JSON Parsing error: " + e.getMessage());
176                 }
177
178                 // notifying list adapter about data changes
179                 // so that it renders the list view with updated data
180                 adapter.notifyDataSetChanged();
181             }
182         }
183     }
184 }

```

```

185         }
186         swipe.setRefreshing(false);
187     }, (error) + {
193         VolleyLog.d(TAG, "Error: " + error.getMessage());
194         swipe.setRefreshing(false);
195     });
197     // Adding request to request queue
198     ApplicationController.getInstance().addToRequestQueue(arrReq);
199 }
200 }

```

16. DetailEventSK.java

```

DetailEventSK.java
1  package com.triskaaulia.tamailee._Event;
2
3  import ...
28
29  public class DetailEventSK extends AppCompatActivity implements SwipeRefreshLayout.OnRefreshListener {
30
31      NetworkImageView thumb_image;
32      TextView judul, tgl, isi;
33      ImageLoader imageLoader = ApplicationController.getInstance().getImageLoader();
34      SwipeRefreshLayout swipe;
35      String id_event;
36
37      private static final String TAG = DetailEventSK.class.getSimpleName();
38
39      public static final String TAG_ID = "id";
40      public static final String TAG_JUDUL = "judul";
41      public static final String TAG_TGL = "tgl";
42      public static final String TAG_ISI = "isi";
43      public static final String TAG_GAMBAR = "gambar";
44
45      private static final String url_detail = Apiclient.BASE_URL + "detail_event_supermall_karawaci.php";
46      String tag_json_obj = "json_obj_req";
47
48      @Override
49      protected void onCreate(Bundle savedInstanceState) {
50          super.onCreate(savedInstanceState);
51          setContentView(R.layout.detail_event);
52          getSupportActionBar().setDisplayHomeAsUpEnabled(true);
53          setTitle("Detail Event");
54
55          thumb_image = (NetworkImageView) findViewById(R.id.gambar_event);
56          judul = (TextView) findViewById(R.id.judul_event);
57          tgl = (TextView) findViewById(R.id.tgl_event);
58          isi = (TextView) findViewById(R.id.isi_event);
59          swipe = (SwipeRefreshLayout) findViewById(R.id.swipe_refresh_layout);
60
61          id_event = getIntent().getStringExtra(TAG_ID);
62
63          swipe.setOnRefreshListener(this);
64
65          swipe.post(() + {
66              if (!id_event.isEmpty()) {
67                  callDetailEvent(id_event);
68              }
69          });
70
71      }
72
73      private void callDetailEvent(final String id){
74          swipe.setRefreshing(true);
75
76          StringRequest strReq = new StringRequest(Request.Method.POST, url_detail, new Response.Listener<String>() {
77
78              @Override
79              public void onResponse(String response) {
80                  Log.d(TAG, "Response " + response.toString());
81                  swipe.setRefreshing(false);

```

```

86
87
88         try {
89             JSONObject obj = new JSONObject(response);
90
91             String Judul = obj.getString(TAG_JUDUL);
92             String Gambar = obj.getString(TAG_GAMBAR);
93             String Tgl = obj.getString(TAG_TGL);
94             String Isi = obj.getString(TAG_ISI);
95
96             judul.setText(Judul);
97             tgl.setText(Tgl);
98             isi.setText(Isi);
99
100             if (obj.getString(TAG_GAMBAR) != "") {
101                 thumb_image.setImageUrl(Gambar, imageLoader);
102             }
103         } catch (JSONException e) {
104             e.printStackTrace();
105         }
106
107     }
108 }, new Response.ErrorListener() {
109
110     @Override
111     public void onErrorResponse(VolleyError error) {
112         Log.e(TAG, "Detail Event Error: " + error.getMessage());
113         Toast.makeText(context, DetailEventSK.this,
114             error.getMessage(), Toast.LENGTH_LONG).show();
115         swipe.setRefreshing(false);
116     }
117 }) {
118
119     @Override
120     protected Map<String, String> getParams() {
121         // Posting parameters to post url
122         Map<String, String> params = new HashMap<>();
123         params.put("id", id);
124
125         return params;
126     }
127
128 };
129
130 // Adding request to request queue
131 ApplicationController.getInstance().addToRequestQueue(strReq, tag_json_obj);
132
133
134 @Override
135 public void onBackPressed() { finish(); }
136
137
138 @Override
139 public boolean onOptionsItemSelected(MenuItem item) {
140     switch (item.getItemId()) {
141         case android.R.id.home:
142             this.finish();
143             return true;
144         default:
145             return super.onOptionsItemSelected(item);
146     }
147 }
148
149
150 @Override
151 public void onRefresh() { callDetailEvent(id_event); }
152
153 }

```

17. EventAdapter.java

```

1  package com.triskaaulia.tamailee._Event;
2
3  import ...
4
19
20  public class EventAdapter extends BaseAdapter {
21      private Activity activity;
22      private LayoutInflater inflater;
23      private List<EventData> eventItems;
24      ImageLoader imageLoader;
25
26      public EventAdapter(Activity activity, List<EventData> eventItems) {
27          this.activity = activity;
28          this.eventItems = eventItems;
29      }
30
31      @Override
32      public int getCount() { return eventItems.size(); }
33
34
35
36      @Override
37      public Object getItem(int location) { return eventItems.get(location); }
38
39
40
41      @Override
42      public long getItemId(int position) { return position; }
43
44
45
46      @Override
47      public View getView(int position, View convertView, ViewGroup parent) {
48
49          if (inflater == null)
50              inflater = (LayoutInflater) activity
51                  .getSystemService(Context.LAYOUT_INFLATER_SERVICE);
52
53          if (convertView == null)
54              convertView = inflater.inflate(R.layout.event, root: null);
55
56          if (imageLoader == null)
57              imageLoader = AppController.getInstance().getImageLoader();
58
59          NetworkImageView thumbNail = (NetworkImageView) convertView.findViewById(R.id.event_gambar);
60          TextView judul = (TextView) convertView.findViewById(R.id.event_judul);
61          TextView timestamp = (TextView) convertView.findViewById(R.id.event_timestamp);
62          TextView isi = convertView.findViewById(R.id.event_isi);
63
64          EventData event = eventItems.get(position);
65
66          thumbNail.setImageUrl(event.getGambar(), imageLoader);
67          judul.setText(event.getJudul());
68          timestamp.setText(event.getTgl());
69          isi.setText(Html.fromHtml(event.getIsi()));
70
71          return convertView;
72      }
73  }

```


18. EventData.java

```

1 package com.triskaaulia.tamailee._Event;
2
3 public class EventData {
4     private String id, judul, tgl, isi, gambar;
5
6     @ public EventData() {
7     }
8
9     public EventData (String id, String judul, String tgl, String isi, String gambar) {
10         this.id = id;
11         this.judul = judul;
12         this.tgl = tgl;
13         this.gambar = gambar;
14         this.isi = isi;
15     }
16
17     public String getId() { return id; }
18
19     public void setId(String id) { this.id = id; }
20
21     public String getJudul() { return judul; }
22
23     public void setJudul(String judul) { this.judul = judul; }
24
25     public String getGambar() { return gambar; }
26
27     public void setGambar(String gambar) { this.gambar = gambar; }
28
29     public String getTgl() { return tgl; }
30
31     public void setTgl(String tgl) { this.tgl = tgl; }
32
33     public String getIsi() { return isi; }
34
35     public void setIs(String isi) { this.isi = isi; }
36 }

```

19. FasilitasSK.java

```

1 package com.triskaaulia.tamailee._Fasilitas;
2
3 import ...
4
5 public class FasilitasSK extends AppCompatActivity implements SwipeRefreshLayout.OnRefreshListener {
6
7     ListView list;
8     SwipeRefreshLayout swipe;
9     List<FasilitasData> fasilitasList = new ArrayList<>();
10
11     private static final String TAG = FasilitasSK.class.getSimpleName();
12
13     private static String url_list = ApiClient.BASE_URL + "fasilitas_supermall_karawaci.php?offset=";
14
15     private int offSet = 0;
16
17     int no;
18
19     FasilitasAdapter adapter;
20
21     public static final String TAG_ID = "id";
22     public static final String TAG_JUDUL = "judul";
23     public static final String TAG_ISI = "isi";
24     public static final String TAG_GAMBAR = "gambar";
25
26     Handler handler;
27     Runnable runnable;
28
29     @Override

```

```

52 | protected void onCreate(Bundle savedInstanceState) {
53 |     super.onCreate(savedInstanceState);
54 |     setContentView(R.layout.main_fasilitas);
55 |
56 |     swipe = (SwipeRefreshLayout) findViewById(R.id.swipe_refresh_layout);
57 |     list = (ListView) findViewById(R.id.fasilitas);
58 |     fasilitasList.clear();
59 |
60 |     adapter = new FasilitasAdapter( activity, FasilitasSK.this, fasilitasList);
61 |     list.setAdapter(adapter);
62 |
63 |     swipe.setOnRefreshListener(this);
64 |
65 |     swipe.post(() -> {
66 |         swipe.setRefreshing(true);
67 |         fasilitasList.clear();
68 |         adapter.notifyDataSetChanged();
69 |         callFasilitas( page: 0);
70 |     });
71 |
72 |
73 |
74 |
75 |
76 |     list.setOnScrollListener(new AbsListView.OnScrollListener() {
77 |
78 |         private int currentVisibleItemCount;
79 |         private int currentScrollState;
80 |         private int currentFirstVisibleItem;
81 |         private int totalItem;
82 |
83 |         @Override
84 |         public void onScrollStateChanged(AbsListView view, int scrollState) {
85 |             this.currentScrollState = scrollState;
86 |             this.isScrollCompleted();
87 |         }
88 |
89 |         @Override
90 |         public void onScroll(AbsListView view, int firstVisibleItem, int visibleItemCount, int totalItemCount) {
91 |             this.currentFirstVisibleItem = firstVisibleItem;
92 |             this.currentVisibleItemCount = visibleItemCount;
93 |             this.totalItem = totalItemCount;
94 |         }
95 |
96 |         private void isScrollCompleted() {
97 |             if (totalItem - currentFirstVisibleItem == currentVisibleItemCount
98 |                 && this.currentScrollState == SCROLL_STATE_IDLE) {
99 |
100 |                 swipe.setRefreshing(true);
101 |                 handler = new Handler();
102 |
103 |                 runnable = (Runnable) () -> {
104 |                     callFasilitas(offSet);
105 |                 };
106 |
107 |                 handler.postDelayed(runnable, delayMillis: 3000);
108 |
109 |             }
110 |         }
111 |     });
112 |
113 | });
114 |

```

```

115     }
116
117     @Override
118     public void onRefresh() {
119         fasilitasList.clear();
120         adapter.notifyDataSetChanged();
121         callFasilitas( page: 0);
122     }
123
124     private void callFasilitas(int page){
125
126         swipe.setRefreshing(true);
127
128         // Creating volley request obj
129         JSONArrayRequest arrReq = new JSONArrayRequest( url: url_List + page,
130             (response) → {
131                 Log.d(TAG, response.toString());
132
133                 if (response.length() > 0) {
134                     // Parsing json
135                     for (int i = 0; i < response.length(); i++) {
136                         try {
137                             JSONObject obj = response.getJSONObject(i);
138                             FasilitasData fasilitas = new FasilitasData();
139
140                             fasilitas.setId(obj.getString(TAG_ID));
141                             fasilitas.setJudul(obj.getString(TAG_JUDUL));
142
143                             if (obj.getString(TAG_GAMBAR) != "") {
144                                 fasilitas.setGambar(obj.getString(TAG_GAMBAR));
145                             }
146
147                             fasilitas.setIsi(obj.getString(TAG_ISI));
148
149                             // adding news to news array
150                             fasilitasList.add(fasilitas);
151
152                             if (no > offSet)
153                                 offSet = no;
154
155                             Log.d(TAG, msg: "offSet " + offSet);
156                         } catch (JSONException e) {
157                             Log.e(TAG, msg: "JSON Parsing error: " + e.getMessage());
158                         }
159                     }
160
161                     // notifying list adapter about data changes
162                     // so that it renders the list view with updated data
163                     adapter.notifyDataSetChanged();
164                 }
165             }, (error) → {
166                 VolleyLog.d(TAG, "Error: " + error.getMessage());
167                 swipe.setRefreshing(false);
168             }
169         );
170
171         ApplicationController.getInstance().addToRequestQueue(arrReq);
172     }
173 }

```

20. FasilitasData.java

```

1 package com.triskaaulia.tamailee._Fasilitas;
2
3 public class FasilitasData {
4     private String id, judul, isi, gambar;
5
6     @ public FasilitasData() {
7     }
8
9     public FasilitasData (String id, String judul, String isi, String gambar) {
10         this.id = id;
11         this.judul = judul;
12         this.gambar = gambar;
13         this.isi = isi;
14     }
15
16     public String getId() { return id; }
17
18     public void setId(String id) { this.id = id; }
19
20     public String getJudul() { return judul; }
21
22     public void setJudul(String judul) { this.judul = judul; }
23
24     public String getGambar() { return gambar; }
25
26     public void setGambar(String gambar) { this.gambar = gambar; }
27
28     public String getIsi() { return isi; }
29
30     public void setIsi(String isi) { this.isi = isi; }
31 }

```

21. FasilitasAdapter.java

```

1 package com.triskaaulia.tamailee._Fasilitas;
2
3 import ...
4
5 public class FasilitasAdapter extends BaseAdapter {
6     private Activity activity;
7     private LayoutInflater inflater;
8     private List<FasilitasData> fasilitasItems;
9     ImageLoader imageLoader;
10
11     public FasilitasAdapter (Activity activity, List<FasilitasData> fasilitasItems) {
12         this.activity = activity;
13         this.fasilitasItems = fasilitasItems;
14     }
15
16     @Override
17     public int getCount() { return fasilitasItems.size(); }
18
19     @Override
20     public Object getItem(int location) { return fasilitasItems.get(location); }
21
22     @Override
23     public long getItemId(int position) { return position; }
24
25     @Override
26     public View getView(int position, View convertView, ViewGroup parent) {
27         if (inflater == null)
28             inflater = (LayoutInflater) activity

```

```

50         .getSystemService(Context.LAYOUT_INFLATER_SERVICE);
51
52         if (convertView == null)
53             convertView = inflater.inflate(R.layout.fasilitas, root: null);
54
55         if (imageLoader == null)
56             imageLoader = ApplicationController.getInstance().getImageLoader();
57
58         NetworkImageView thumbNail = (NetworkImageView) convertView.findViewById(R.id.fasilitas_gambar);
59         TextView judul = (TextView) convertView.findViewById(R.id.fasilitas_judul);
60         TextView isi = (TextView) convertView.findViewById(R.id.fasilitas_isi);
61
62         FasilitasData fasilitas = fasilitasItems.get(position);
63
64         thumbNail.setImageUrl(fasilitas.getGambar(), imageLoader);
65         judul.setText(fasilitas.getJudul());
66         isi.setText(Html.fromHtml(fasilitas.getIsi()));
67
68         return convertView;
69     }
70 }

```

22. PromoFragment.java

```

1  package com.triskaaulia.tamailee;
2
3  import ...
4
5  /**
6   * A simple {@link Fragment} subclass.
7   */
8
9  public class PromoFragment extends Fragment implements SwipeRefreshLayout.OnRefreshListener {
10
11     ListView list;
12     SwipeRefreshLayout swipe;
13     List<PromoData> promoList = new ArrayList<>();
14
15     private static final String TAG = PromoFragment.class.getSimpleName();
16
17     private static String url_list = ApiClient.BASE_URL + "promo.php?offset=";
18
19     private int offset = 0;
20
21     int no;
22
23     PromoAdapter adapter;
24
25     public static final String TAG_ID_MALL = "id_mall";
26     public static final String TAG_NM_MALL = "nm_mall";
27     public static final String TAG_TGL_MULAI = "tgl_mulai";
28     public static final String TAG_TGL_AKHIR = "tgl_akhir";
29     public static final String TAG_GBR_PROMO = "gbr_promo";
30
31 }

```



```

62
63     Handler handler;
64     Runnable runnable;
65
66     public PromoFragment() {
67         // Required empty public constructor
68     }
69
70
71     @Override
72     public View onCreateView(LayoutInflater inflater, ViewGroup container,
73                             Bundle savedInstanceState) {
74         // Inflate the layout for this fragment
75         View view = inflater.inflate(R.layout.main_promo, container, attachToRoot: false);
76
77         swipe = (SwipeRefreshLayout) view.findViewById(R.id.swipe_refresh_layout);
78         list = (ListView) view.findViewById(R.id.promo);
79         promoList.clear();
80
81
82         adapter = new PromoAdapter(getActivity(), promoList);
83         list.setAdapter(adapter);
84
85         swipe.setOnRefreshListener(this);
86
87         swipe.post(() -> {
88             swipe.setRefreshing(true);
89             promoList.clear();
90             adapter.notifyDataSetChanged();
91             callEvent( page: 0);
92         });
93
94
95     list.setOnScrollListener(new AbsListView.OnScrollListener() {
96
97         private int currentVisibleItemCount;
98         private int currentScrollState;
99         private int currentFirstVisibleItem;
100         private int totalItem;
101
102         @Override
103         public void onScrollStateChanged(AbsListView view, int scrollState) {
104             this.currentScrollState = scrollState;
105             this.isScrollCompleted();
106         }
107
108         @Override
109         public void onScroll(AbsListView view, int firstVisibleItem, int visibleItemCount, int totalItemCount) {
110             this.currentFirstVisibleItem = firstVisibleItem;
111             this.currentVisibleItemCount = visibleItemCount;
112             this.totalItem = totalItemCount;
113         }
114
115         private void isScrollCompleted() {
116             if (totalItem - currentFirstVisibleItem == currentVisibleItemCount
117                 && this.currentScrollState == SCROLL_STATE_IDLE) {
118                 swipe.setRefreshing(true);
119             }
120         }
121     });
122

```

```

123         handler = new Handler();
124
125         runnable = (Runnable) () -> { callEvent(offSet); };
126
127         handler.postDelayed(runnable, delayMillis: 3000);
128     }
129 }
130
131 });
132
133 return view;
134 }
135
136 @Override
137 public void onRefresh() {
138     promoList.clear();
139     adapter.notifyDataSetChanged();
140     callEvent( page: 0);
141 }
142
143 private void callEvent(int page){
144
145     swipe.setRefreshing(true);
146
147     // Creating volley request obj
148     JSONArrayRequest arrReq = new JSONArrayRequest( url: url_List + page,
149         (response) -> {
150         Log.d(TAG, response.toString());
151
152         if (response.length() > 0) {
153             // Parsing json
154             for (int i = 0; i < response.length(); i++) {
155                 try {
156
157                     JSONObject obj = response.getJSONObject(i);
158                     PromoData promo = new PromoData();
159
160                     promo.setId_mall(obj.getString(TAG_ID_MALL));
161                     promo.setNm_mall(obj.getString(TAG_NM_MALL));
162
163                     if (obj.getString(TAG_GBR_PROMO) != "") {
164                         promo.setGbr_promo(obj.getString(TAG_GBR_PROMO));
165                     }
166
167                     promo.setTgl_mulai(obj.getString(TAG_TGL_MULAI));
168                     promo.setTgl_akhir(obj.getString(TAG_TGL_AKHIR));
169
170                     // adding news to news array
171                     promoList.add(promo);
172
173                     if (no > offSet)
174                         offSet = no;
175
176                     Log.d(TAG, msg: "offSet " + offSet);
177
178                 } catch (JSONException e) {
179                     Log.e(TAG, msg: "JSON Parsing error: " + e.getMessage());
180                 }
181             }
182         }
183     });
184 }

```

```

187
188         // notifying list adapter about data changes
189         // so that it renders the list view with updated data
190         adapter.notifyDataSetChanged();
191     }
192 }
193 swipe.setRefreshing(false);
194 }, (error) -> {
200     VolleyLog.d(TAG, "Error: " + error.getMessage());
201     swipe.setRefreshing(false);
202 });
204 // Adding request to request queue
205 ApplicationController.getInstance().addToRequestQueue(arrReq);
206 }
207 }

```

23. PromoData.java

```

PromoData.java
1  package com.triskaaulia.tamailee;
2
3  public class PromoData {
4      private String id_mall, nm_mall, tgl_mulai, tgl_akhir, gbr_promo;
5
6      @ public PromoData() {
7      }
8
9      public PromoData (String id_mall, String nm_mall, String tgl_mulai, String tgl_akhir, String gbr_promo) {
10         this.id_mall = id_mall;
11         this.nm_mall = nm_mall;
12         this.tgl_mulai = tgl_mulai;
13         this.tgl_akhir = tgl_akhir;
14         this.gbr_promo = gbr_promo;
15     }
16
17     public String getId_mall() { return id_mall; }
18
19     public void setId_mall(String id_mall) { this.id_mall = id_mall; }
20
21     public String getNm_mall() { return nm_mall; }
22
23     public void setNm_mall(String nm_mall) { this.nm_mall = nm_mall; }
24
25     public String getTgl_mulai() { return tgl_mulai; }
26
27     public void setTgl_mulai(String tgl_mulai) { this.tgl_mulai = tgl_mulai; }
28
29     public String getTgl_akhir() { return tgl_akhir; }
30
31     public void setTgl_akhir(String tgl_akhir) { this.tgl_akhir = tgl_akhir; }
32
33     public String getGbr_promo() { return gbr_promo; }
34
35     public void setGbr_promo(String gbr_promo) { this.gbr_promo = gbr_promo; }
36
37 }

```

24. PromoAdapter.java

```

1  package com.triskaaulia.tamailee;
2
3  import ...
19
20  public class PromoAdapter extends BaseAdapter {
21      private FragmentActivity fragment;
22      private LayoutInflater inflater;
23      private List<PromoData> promoItems;
24      ImageLoader imageLoader;
25
26      public PromoAdapter(FragmentActivity fragment, List<PromoData> promoList) {
27          this.fragment = fragment;
28          this.promoItems = promoList;
29      }
30
31
32      @Override
33      public int getCount() { return promoItems.size(); }
34
35
36
37      @Override
38      public Object getItem(int location) { return promoItems.get(location); }
39
40
41
42      @Override
43      public long getItemId(int position) { return position; }
44
45
46
47      @Override
48      public View getView(int position, View convertView, ViewGroup parent) {
49
50          if (inflater == null)
51              inflater = (LayoutInflater) getActivity().getSystemService(Context.LAYOUT_INFLATER_SERVICE);
52
53          if (convertView == null)
54              convertView = inflater.inflate(R.layout.promo, root: null);
55
56          if (imageLoader == null)
57              imageLoader = AppController.getInstance().getImageLoader();
58
59          NetworkImageView thumbNail = (NetworkImageView) convertView.findViewById(R.id.promo_gambar);
60          TextView judul = (TextView) convertView.findViewById(R.id.promo_judul);
61          TextView timestamp = (TextView) convertView.findViewById(R.id.promo_awal);
62          TextView timestamp2 = (TextView) convertView.findViewById(R.id.promo_akhir);
63
64          PromoData promo = promoItems.get(position);
65
66          thumbNail.setImageUrl(promo.getGbr_promo(), imageLoader);
67          judul.setText(promo.getNm_mall());
68          timestamp.setText(promo.getTgl_mulai());
69          timestamp2.setText(promo.getTgl_akhir());
70
71          return convertView;
72      }
73
74      public Context getActivity() { return fragment; }
75
76
77  }

```

Lampiran 5. Daftar Riwayat Hidup



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KONTAK

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PENDIDIKAN

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2016

SMK Kesehatan Bina Insan
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KEAHLIAN KOMPUTER

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TENTANG

Saya adalah mahasiswi aktif Universitas Esa Unggul Program Studi Ilmu Komputer Fakultas Teknik Informatika. Kelebihan utama saya adalah dapat beradaptasi dengan cepat, dapat bekerja secara tim, bertanggung jawab, menyukai hal baru, disiplin, jujur dan sopan.

PELATIHAN SERTIFIKAT

- Pelatihan MonSoonSIM Business (ERP)
- Pelatihan Emotional, Spiritual dan Quotient (ESQ)

PENGALAMAN

INTERNSHIP PT. BFI FINANCE TBK

Business Development | Juli 2019 - Desember 2019

- Support dalam proyek Business Development
- Follow up customer
- Menganalisa permasalahan customer

INTERNSHIP PT. BFI FINANCE TBK

Departemen Non Collateral | Januari 2020 - Maret 2020

- Membantu mengubah sistem kerja dalam Non Collateral
- Merekap data-data customer
- Membuat report perminggu dalam bentuk pivot