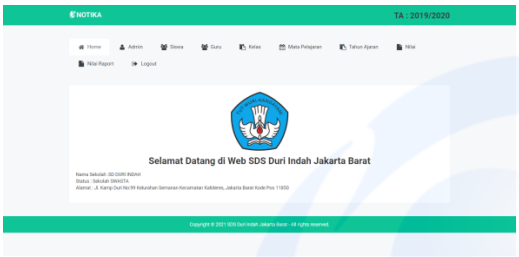
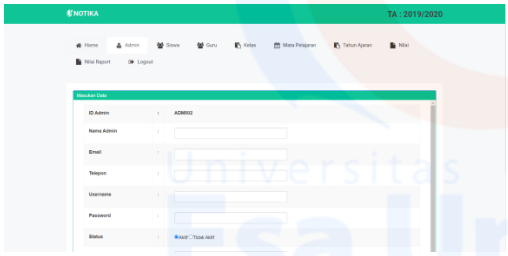
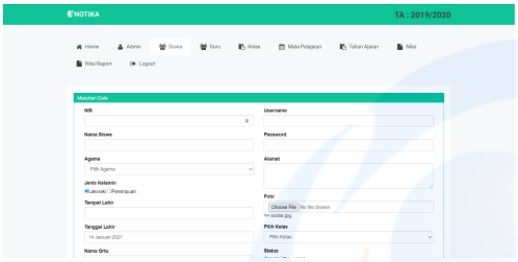
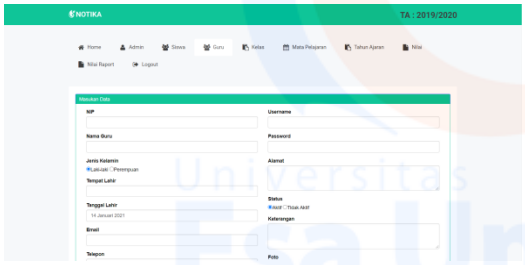
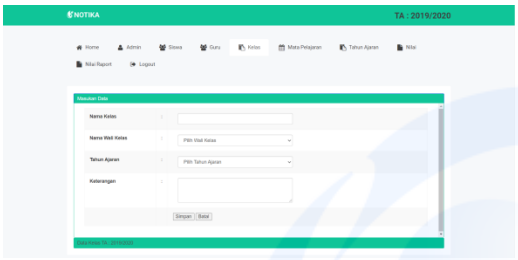
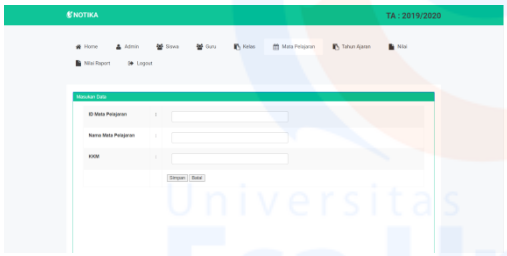
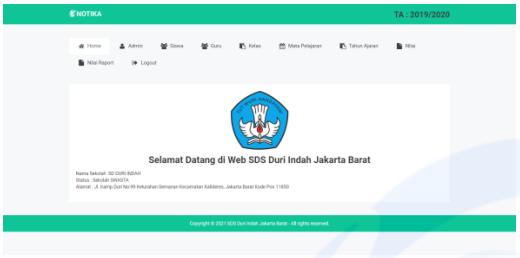
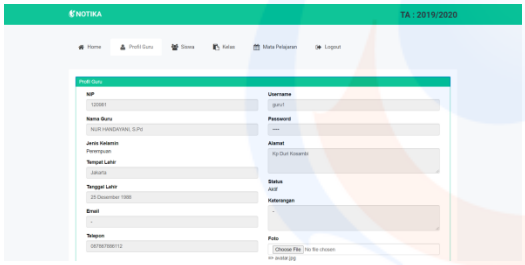
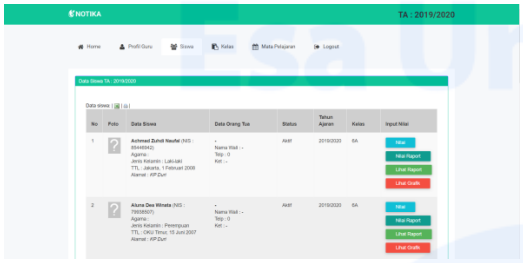
Tabel 4.1. Model *Interface* pada Admin

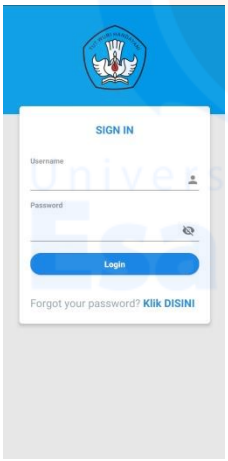
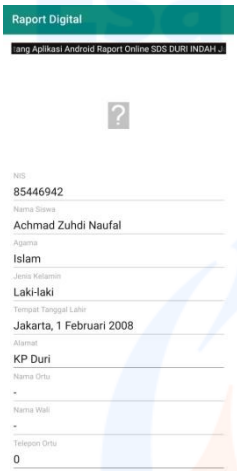
No.	Desain	Deskripsi
1.	Halaman *Login* 	Halaman *Login* merupakan bagian *interface* yang dapat dibuka pertama, bagian *interface* ini akan menjadi perantara bagi admin atau guru untuk dapat masuk ke dalam akun *user* masing-masing.
2.	Halaman *Home* Admin 	Halaman *Home* merupakan tampilan kedua yang dapat di akses oleh admin dan guru dengan fungsi yang berbeda.
3.	Halaman Penambahan dan Edit Data Admin 	Halaman pada bagian admin ini untuk menambah dan edit untuk admin.
4.	Halaman Penambahan dan Edit Data Siswa 	Halaman pada bagian siswa ini untuk menambah dan edit untuk data siswa.

5.	Halaman Penambahan dan Edit Data Guru  	Halaman pada bagian guru ini untuk menambah dan edit untuk data guru.
6.	Halaman Penambahan dan Edit Data Kelas  	Halaman pada bagian kelas ini untuk menambah dan edit untuk data kelas.
7.	Halaman Penambahan dan Edit Data Mata Pelajaran  	Halaman pada bagian mata pelajaran ini untuk menambah dan edit untuk data mata pelajaran.

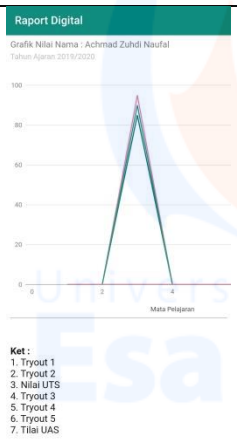
Tabel 4.2. Model *Interface* pada Guru

1.	Halaman *Login* 	Halaman *Login* merupakan bagian interface yang dapat dibuka pertama, bagian interface ini akan menjadi perantara bagi admin atau guru untuk dapat masuk ke dalam akun user masing-masing.
2.	Halaman *Home* Admin 	Halaman *Home* merupakan tampilan kedua yang dapat di akses oleh admin dan guru dengan fungsi yang berbeda.
3.	Halaman Profil Guru 	Halaman Profil Guru ini merupakan data diri guru dan bisa di edit untuk password.
4.	Halaman Siswa 	Halaman Siswa ini merupakan penilian pada siswa yang diajar oleh gurunya, dan didalamnya ada berbagai fungsi berbeda.

Tabel 4.3. Model *Inteface* pada Siswa

1.	Halaman *Login* 	Halaman *Login* merupakan bagian interface yang dapat dibuka pertama, bagian interface ini akan menjadi perantara bagi siswa atau wali murid untuk dapat masuk ke dalam akun user masing-masing.
2.	Halaman *Menu* 	Halaman *Menu* ini menampilkan pilihan yang dapat diakses oleh *user*.
3.	Halaman Profil 	Halaman profil ini menampilkan profil *user* pengguna.
4.	Halaman Guru	Halaman guru ini menampilkan data guru

		kelas 6.
5.	Halaman Nilai 	Halaman nilai ini menampilkan data-data nilai yang telah di rekap dan juga ada yang berbentuk rapor.
6.	Halaman Rekap 	Halaman rekap menampilkan hasil nilai yang sudah di input oleh guru.
7.	Halaman Grafik	Halaman yang menampilkan grafik nilai semua mata pelajaran dan latihan tryout pada siswa.

		
8.	Halaman Rapor 	Halaman yang menampilkan hasil rapor siswa.
6.	Halaman Mata Pelajaran 	Halaman mata pelajaran ini menampilkan data-data mata pelajaran apa saja dan juga bisa melihat lebih *detail* KKM setiap mata pelajaran.

Coding untuk admin pada php sebagai berikut.

```php
<?php
$pro="simpan";
$tanggal=WKT(date("Y-m-d"));
?>
<link type="text/css" href="<?php echo "$PATH/base/";?>ui.all.css" rel="stylesheet" />
<script type="text/javascript" src="<?php echo "$PATH/";?>jquery-1.3.2.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/ui.core.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/ui.datepicker.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/i18n/ui.datepicker-id.js"></script>

  <script type="text/javascript">
      $(document).ready(function(){
        $("#tanggal").datepicker({
                      dateFormat  : "dd MM yy",
          changeMonth : true,
          changeYear  : true
        });
      });
    </script>

<script type="text/javascript">
function PRINT(){
win=window.open('admin/print.php','win','width=1000, height=400, menubar=0, scrollbars=1, resizable=0, location=0, toolbar=0, password=0'); }
</script>
<script language="JavaScript">
function buka(url) {window.open(url, 'window_baru', 'width=800,height=600,left=320,top=100,resizable=1,scrollbars=1');}
</script>

<?php
  $sql="select `id_admin` from `$tbadmin` order by `id_admin` desc";
  $jum= getJum($conn,$sql);
  $kd="ADM";
  if($jum > 0){
    $d=getField($conn,$sql);
      $idmax=$d['id_admin'];
    $urut=substr($idmax,3,3)+1;//01
```

Gambar 4.1. Coding Dibagian Admin

```php
<?php
require_once"../konmysqli.php";

$respon = array();

if (isset($_POST['nama_admin']) && isset($_POST['username'])) {
        $id_admin= $_POST['id_admin'];
        $nama_admin = $_POST['nama_admin'];
        $email = $_POST['email'];
        $telepon = $_POST['telepon'];
        $password = $_POST['password'];
        $username = $_POST['username'];
        $status = $_POST['status'];
        $keterangan = $_POST['keterangan'];

    $sql="INSERT INTO `$tbadmin`
(`id_admin`, `nama_admin`,  `email`,`telepon`, `password`,`username`,`status`,`keterangan`) VALUES
('$id_admin', '$nama_admin', '$email', '$telepon', '$password', '$username', '$status', '$keterangan')";
$simpan=process($conn,$sql);

   if($simpan){
        $respon["sukses"] = 1;
        $respon["pesan"] = "1 sukses tambah.";
        echo json_encode($respon);
    } else {
        $respon["sukses"] = 0;
        $respon["pesan"] = "0 gagal tambah";
        echo json_encode($respon);
    }
} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "? lengkapi data";
    echo json_encode($respon);
}
?>
```

Gambar 4.2. Coding Untuk Penambahan Admin

```php
<?php
require_once"../konmysqli.php";
$response = array();

if (isset($_GET['id_admin'])) {
    $id_admin = $_GET['id_admin'];
    $sql="DELETE FROM `$tbadmin` WHERE `id_admin` = '$id_admin'";
    $hapus=process($conn,$sql);
   if($hapus){
        $respon["sukses"] = 1;
        $respon["pesan"] = "1 berhasil dihapus";
        echo json_encode($respon);
    } else {
        $respon["sukses"] = 0;
        $respon["pesan"] = "0 Gagal dihapus";
        echo json_encode($respon);
    }
} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "? lengkapi data";
    echo json_encode($respon);
}
?>


<?php
function process($conn,$sql){
$s=false;
$conn->autocommit(FALSE);
try {
  $rs = $conn->query($sql);
  if($rs){
        $conn->commit();
       $last_inserted_id = $conn->insert_id;
       $affected_rows = $conn->affected_rows;
```

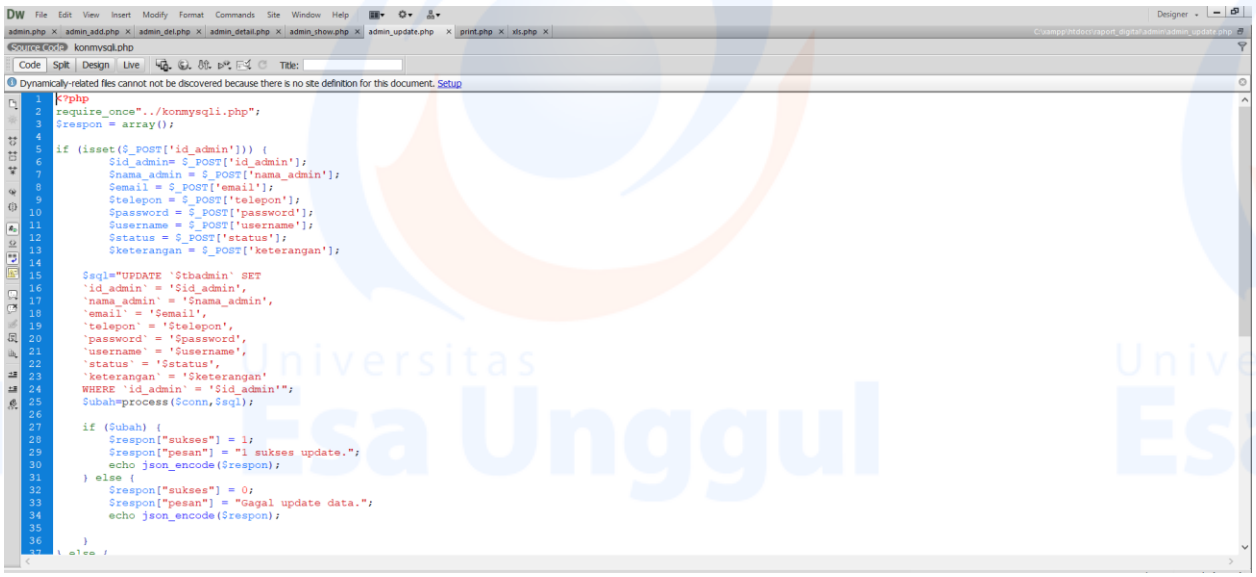
Gambar 4.3. Coding Untuk Menghapus Admin

```php
<?php
require_once"../konmysqli.php";
$respon = array();

if (isset($_GET["id_admin"])) {
    $id_admin = $_GET['id_admin'];
    $sql="SELECT * FROM `$tbadmin` WHERE `id_admin` = '$id_admin'";
    $jum=getJum($conn,$sql);
    if ($jum>0) {
            $d=getField($conn,$sql);
            $record = array();
            $record["id_admin"] = $d["id_admin"];
            $record["nama_admin"] = $d["nama_admin"];
            $record["email"] = $d["email"];
            $record["telepon"] = $d["telepon"];
            $record["password"] = $d["password"];
            $record["username"] = $d["username"];
            $record["status"] = $d["status"];
            $record["keterangan"] = $d["keterangan"];

            $respon["sukses"] = 1;
            $respon["record"] = array();

            array_push($respon["record"], $record);
             $respon["pesan"] = "$jum record";
            echo json_encode($respon);
        } else {
            $respon["sukses"] = 0;
            $respon["pesan"] = "0 record";
            echo json_encode($respon);
        }
} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "? lengkapi data";
    echo json_encode($respon);
```

Gambar 4.4. Coding Untuk Susunan Data Admin

```php
<?php
require_once"../konmysqli.php";
$respon = array();
$sql="SELECT * FROM `$tbadmin` order by `id_admin` desc";
$jum=getJum($conn,$sql);
if ($jum> 0) {
    $respon["record"] = array();
    $arr=getData($conn,$sql);
        foreach($arr as $d) {
        $record = array();
        $record["id_admin"] = $d["id_admin"];
        $record["nama_admin"] = $d["nama_admin"];
        $record["email"] = $d["email"];
        $record["telepon"] = $d["telepon"];
        $record["password"] = $d["password"];
        $record["username"] = $d["username"];
        $record["status"] = $d["status"];
        $record["keterangan"] = $d["keterangan"];

        array_push($respon["record"], $record);       //tambahkan array 'record' pada array final 'respon'
    }
    // sukses
    $respon["sukses"] = 1;
    $respon["pesan"] = "$jum record";
     echo json_encode($respon);
} else {
    // jika data kosong
    $respon["record"]="";
    $respon["sukses"] = 0;
    $respon["pesan"] = "0 record";
    echo json_encode($respon);
}
?>


<?php
```

Gambar 4.5. Coding Untuk Menampilkan Data Admin



```php
<?php
require_once"../konmysqli.php";
$respon = array();

if (isset($_POST['id_admin'])) {
        $id_admin= $_POST['id_admin'];
        $nama_admin = $_POST['nama_admin'];
        $email = $_POST['email'];
        $telepon = $_POST['telepon'];
        $password = $_POST['password'];
        $username = $_POST['username'];
        $status = $_POST['status'];
        $keterangan = $_POST['keterangan'];

    $sql="UPDATE `$tbadmin` SET
    `id_admin` = '$id_admin',
    `nama_admin` = '$nama_admin',
    `email` = '$email',
    `telepon` = '$telepon',
    `password` = '$password',
    `username` = '$username',
    `status` = '$status',
    `keterangan` = '$keterangan'
    WHERE `id_admin` = '$id_admin'";
    $ubah=process($conn,$sql);

    if ($ubah) {
        $respon["sukses"] = 1;
        $respon["pesan"] = "1 sukses update.";
        echo json_encode($respon);
    } else {
        $respon["sukses"] = 0;
        $respon["pesan"] = "Gagal update data.";
        echo json_encode($respon);

    }
```

Gambar 4.6. Coding Untuk Memperbaharui Data Admin

Coding untuk siswa pada php sebagai berikut.

```php
<?php
$pro="simpan";
$tanggal_lahir=WKT(date("Y-m-d"));
$foto0="avatar.jpg";
?>
<link type="text/css" href="<?php echo "$PATH/base/";?>ui.all.css" rel="stylesheet" />
<script type="text/javascript" src="<?php echo "$PATH/";?>jquery-1.3.2.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/ui.core.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/ui.datepicker.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/i18n/ui.datepicker-id.js"></script>

  <script type="text/javascript">
      $(document).ready(function(){
        $("#tanggal_lahir").datepicker({
                        dateFormat  : "dd MM yy",
          changeMonth : true,
          changeYear  : true
        });
      });
    </script>

<script type="text/javascript">
function PRINT(){
win=window.open('siswa/print.php','win','width=1000, height=400, menubar=0, scrollbars=1, resizable=0, location=0, toolbar=0, password=0'); }
</script>
<script language="JavaScript">
function buka(url) {window.open(url, 'window_baru', 'width=800,height=600,left=320,top=100,resizable=1,scrollbars=1');}
</script>



<?php
if($_GET["pro"]=="ubah"){
    $nis=$_GET["kode"];
    $sql="select * from `$tbsiswa` where `nis`='$nis'";
    $d=getField($conn,$sql);
```

Gambar 4.7. Coding Untuk Dibagian Siswa

```php
<?php
require_once"../konmysqli.php";

$respon = array();

if (isset($_POST['nama_siswa']) && isset($_POST['username'])) {
        $nis= $_POST['nis'];
        $nama_siswa = $_POST['nama_siswa'];
        $agama = $_POST['agama'];
        $jenis_kelamin = $_POST['jenis_kelamin'];
        $tempat_lahir = $_POST['tempat_lahir'];
        $tanggal_lahir = $_POST['tanggal_lahir'];
        $nama_ortu = $_POST['nama_ortu'];
        $nama_wali = $_POST['nama_wali'];
        $telepon_ortu = $_POST['telepon_ortu'];
        $password = $_POST['password'];
        $username = $_POST['username'];
        $status = $_POST['status'];
        $keterangan = $_POST['keterangan'];
        $alamat = $_POST['alamat'];
        $foto = $_POST['foto'];
        $id_ta = $_POST['id_ta'];
        $id_kelas = $_POST['id_kelas'];

    $sql=" INSERT INTO `$tbsiswa` (
            `nis` ,
            `nama_siswa` ,
            `agama` ,
            `jenis_kelamin` ,
            `tempat_lahir` ,
            `tanggal_lahir` ,
            `nama_ortu` ,
            `nama_wali` ,
            `telepon_ortu` ,
            `username` ,
            `password` ,
            `status`
```

Gambar 4.8. Coding Untuk Penambahan Data Siswa

```php
<?php
require_once"../konmysqli.php";
$response = array();

if (isset($_GET['nis'])) {
    $nis = $_GET['nis'];
    $sql="DELETE FROM `$tbsiswa` WHERE `nis` = '$nis'";
    $hapus=process($conn,$sql);
   if($hapus){
        $respon["sukses"] = 1;
        $respon["pesan"] = "1 berhasil dihapus";
        echo json_encode($respon);
    } else {
        $respon["sukses"] = 0;
        $respon["pesan"] = "0 Gagal dihapus";
        echo json_encode($respon);
    }
} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "? lengkapi data";
    echo json_encode($respon);
}
?>


<?php
function process($conn,$sql){
$s=false;
$conn->autocommit(FALSE);
try {
  $rs = $conn->query($sql);
  if($rs){
        $conn->commit();
        $last_inserted_id = $conn->insert_id;
        $affected_rows = $conn->affected_rows;
```

Gambar 4.9. Coding Untuk Menghapus Data Siswa

```php
<?php
require_once"../konmysqli.php";
$respon = array();

if (isset($_GET["nis"])) {
    $nis = $_GET['nis'];
    $sql="SELECT * FROM `$tbsiswa` WHERE `nis` = '$nis'";
    $jum=getJum($conn,$sql);
    if ($jum>0) {
            $d=getField($conn,$sql);
            $record = array();
            $record["nis"] = $d["nis"];
            $record["nama_siswa"] = $d["nama_siswa"];
            $record["agama"] = $d["agama"];
            $record["jenis_kelamin"] = $d["jenis_kelamin"];
            $record["tempat_lahir"] = $d["tempat_lahir"];
            $record["tanggal_lahir"] = WKTM($d["tanggal_lahir"]);
            $record["nama_ortu"] = $d["nama_ortu"];
            $record["nama_wali"] = $d["nama_wali"];
            $record["telepon_ortu"] = $d["telepon_ortu"];
            $record["password"] = $d["password"];
            $record["username"] = $d["username"];
            $record["status"] = $d["status"];
            $record["keterangan"] = $d["keterangan"];
            $record["alamat"] = $d["alamat"];
            $record["foto"] = $d["foto"];
            $record["id_ta"] = getTAM($conn,$d["id_ta"]);
            $record["id_kelas"] = getKelasM($conn,$d["id_kelas"]);

            $respon["sukses"] = 1;
            $respon["record"] = array();

            array_push($respon["record"], $record);
             $respon["pesan"] = "$jum record";
            echo json_encode($respon);
        } else {
```

Gambar 4.10. Coding Untuk Susunan Data Siswa

```php
<?php
require_once"../konmysqli.php";
$respon = array();
$sql="SELECT * FROM `$tbsiswa` order by `nis` desc";
$jum=getJum($conn,$sql);
if ($jum> 0) {
    $respon["record"] = array();
    $arr=getData($conn,$sql);
        foreach($arr as $d) {
        $record = array();
        $record["nis"] = $d["nis"];
        $record["nama_siswa"] = $d["nama_siswa"];
        $record["agama"] = $d["agama"];
        $record["jenis_kelamin"] = $d["jenis_kelamin"];
        $record["tempat_lahir"] = $d["tempat_lahir"];
        $record["tanggal_lahir"] = WKTM($d["tanggal_lahir"]);
        $record["nama_ortu"] = $d["nama_ortu"];
        $record["nama_wali"] = $d["nama_wali"];
        $record["telepon_ortu"] = $d["telepon_ortu"];
        $record["password"] = $d["password"];
        $record["username"] = $d["username"];
        $record["status"] = $d["status"];
        $record["keterangan"] = $d["keterangan"];
        $record["alamat"] = $d["alamat"];
        $record["foto"] = $d["foto"];
        $record["id_ta"] = $d["id_ta"];
        $record["id_kelas"] = $d["id_kelas"];

        array_push($respon["record"], $record);       //tambahkan array 'record' pada array final 'respon'
    }
    // sukses
    $respon["sukses"] = 1;
    $respon["pesan"] = "$jum record";
    echo json_encode($respon);
} else {
    // jika data kosong
```

Gambar 4.11. Coding Untuk Menampilkan Data Siswa

```php
<?php
require_once"../konmysqli.php";
$respon = array();

if (isset($_POST['nis'])) {
        $nis= $_POST['nis'];
        $telepon_ortu = $_POST['telepon_ortu'];
        $password = $_POST['password'];
        $username = $_POST['username'];
        $alamat = $_POST['alamat'];

    $sql="UPDATE `$tbsiswa` SET
    `telepon_ortu` = '$telepon_ortu',
    `password` = '$password',
    `username` = '$username',
    `alamat` = '$alamat'
    WHERE `nis` = '$nis'";
    $ubah=process($conn,$sql);

    if ($ubah) {
        $respon["sukses"] = 1;
        $respon["pesan"] = "1 sukses update.";
        echo json_encode($respon);
    } else {
        $respon["sukses"] = 0;
        $respon["pesan"] = "Gagal update data.";
        echo json_encode($respon);

    }
} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "data belum terset/terisi";
    echo json_encode($respon);
}
?>
```

Gambar 4.12. Coding Untuk Memperbaharui Data Siswa

```php
<?php
require_once"../konmysqli.php";
$respon = array();

if (isset($_GET["nis"])) {
    $nis = $_GET['nis'];
    $nama_siswa = $_GET['nama_siswa'];
    $nama_ortu = $_GET['nama_ortu'];

    $sql="SELECT * FROM `$tbsiswa` WHERE `nis` = '$nis' and `nama_siswa`='$nama_siswa' and `nama_ortu`='$nama_ortu' ";
    $jum=getJum($conn,$sql);
    if ($jum>0) {
            $d=getField($conn,$sql);
            $record = array();
            $record["nis"] = $d["nis"];
            $record["nama_siswa"] = $d["nama_siswa"];
            $record["agama"] = $d["agama"];
            $record["jenis_kelamin"] = $d["jenis_kelamin"];
            $record["tempat_lahir"] = $d["tempat_lahir"];
            $record["tanggal_lahir"] = $d["tanggal_lahir"];
            $record["nama_ortu"] = $d["nama_ortu"];
            $record["nama_wali"] = $d["nama_wali"];
            $record["telepon_ortu"] = $d["telepon_ortu"];
            $record["password"] = $d["password"];
            $record["username"] = $d["username"];
            $record["status"] = $d["status"];
            $record["keterangan"] = $d["keterangan"];
            $record["alamat"] = $d["alamat"];
            $record["foto"] = $d["foto"];
            $record["id_ta"] = $d["id_ta"];
            $record["id_kelas"] = $d["id_kelas"];

            $respon["sukses"] = 1;
            $respon["record"] = array();

            array_push($respon["record"], $record);
```

Gambar 4.13. Coding Untuk Lupa Password Pada Siswa

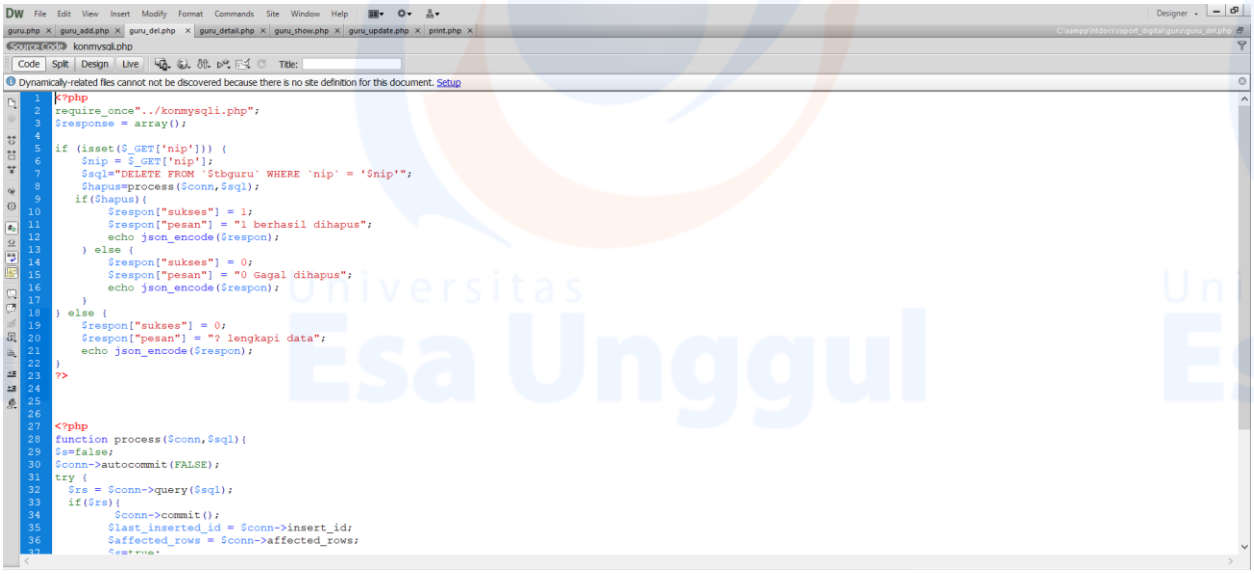
Coding untuk guru pada php sebagai berikut.

```php
<?php
$pro="simpan";
$tanggal_lahir=WKT(date("Y-m-d"));
$foto0="avatar.jpg";
?>
<link type="text/css" href="<?php echo "$PATH/base/";?>ui.all.css" rel="stylesheet" />
<script type="text/javascript" src="<?php echo "$PATH/";?>jquery-1.3.2.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/ui.core.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/ui.datepicker.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/i18n/ui.datepicker-id.js"></script>

  <script type="text/javascript">
      $(document).ready(function(){
        $("#tanggal_lahir").datepicker({
                    dateFormat  : "dd MM yy",
          changeMonth : true,
          changeYear  : true
        });
      });
    </script>

<script type="text/javascript">
function PRINT(){
win=window.open('guru/print.php','win','width=1000, height=400, menubar=0, scrollbars=1, resizable=0, location=0, toolbar=0, password=0'); }
</script>
<script language="JavaScript">
function buka(url) {window.open(url, 'window_baru', 'width=800,height=600,left=320,top=100,resizable=1,scrollbars=1');}
</script>


<?php
if($_GET["pro"]=="ubah"){
    $nip=$_GET["kode"];
    $sql="select * from `$tbguru` where `nip`='$nip'";
    $d=getField($conn,$sql);
                $nip=$d["nip"];
```

Gambar 4.14. Coding Untuk Dibagian guru

```php
<?php
require_once"../konmysqli.php";

$respon = array();

if (isset($_POST['nama_guru']) && isset($_POST['username'])) {
        $nip= $_POST['nip'];
        $nama_guru = $_POST['nama_guru'];
        $jenis_kelamin = $_POST['jenis_kelamin'];
        $tempat_lahir = $_POST['tempat_lahir'];
        $tanggal_lahir = $_POST['tanggal_lahir'];
        $email = $_POST['email'];
        $telepon = $_POST['telepon'];
        $password = $_POST['password'];
        $username = $_POST['username'];
        $status = $_POST['status'];
        $keterangan = $_POST['keterangan'];
        $alamat = $_POST['alamat'];
        $foto = $_POST['foto'];

    $sql="INSERT INTO `$tbguru`
(`nip`, `nama_guru`, `jenis_kelamin`, `tempat_lahir`, `tanggal_lahir`,  `email`,`telepon`, `password`,`username`,`status`,`keterangan`,`alamat`,`foto`) VALUES
('$nip', '$nama_guru', '$jenis_kelamin', '$tempat_lahir', '$tanggal_lahir', '$email', '$telepon', '$password', '$username', '$status', '$keterangan', '$alamat', '$foto')";
$simpan=process($conn,$sql);

   if($simpan){
        $respon["sukses"] = 1;
        $respon["pesan"] = "1 sukses tambah.";
        echo json_encode($respon);
    } else {
        $respon["sukses"] = 0;
        $respon["pesan"] = "0 gagal tambah";
        echo json_encode($respon);
    }
} else {
    $respon["sukses"] = 0;
```

Gambar 4.15. Coding Untuk Menambah Data Guru



```php
<?php
require_once"../konmysqli.php";
$response = array();

if (isset($_GET['nip'])) {
    $nip = $_GET['nip'];
    $sql="DELETE FROM `$tbguru` WHERE `nip` = '$nip'";
    $hapus=process($conn,$sql);
   if($hapus){
        $respon["sukses"] = 1;
        $respon["pesan"] = "1 berhasil dihapus";
        echo json_encode($respon);
    } else {
        $respon["sukses"] = 0;
        $respon["pesan"] = "0 Gagal dihapus";
        echo json_encode($respon);
    }
} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "? lengkapi data";
    echo json_encode($respon);
}
?>


<?php
function process($conn,$sql){
$s=false;
$conn->autocommit(FALSE);
try {
  $rs = $conn->query($sql);
  if($rs){
        $conn->commit();
       $last_inserted_id = $conn->insert_id;
       $affected_rows = $conn->affected_rows;
```

Gambar 4.16. Coding Untuk Menghapus Data Guru

```php
<?php
require_once"../konmysqli.php";
$respon = array();

if (isset($_GET["nip"])) {
    $nip = $_GET['nip'];
    $sql="SELECT * FROM `$tbguru` WHERE `nip` = '$nip'";
    $jum=getJum($conn,$sql);
    if ($jum>0) {
            $d=getField($conn,$sql);
            $record = array();
            $record["nip"] = $d["nip"];
            $record["nama_guru"] = $d["nama_guru"];
            $record["jenis_kelamin"] = $d["jenis_kelamin"];
            $record["tempat_lahir"] = $d["tempat_lahir"];
            $record["tanggal_lahir"] = WKTM($d["tanggal_lahir"]);
            $record["email"] = $d["email"];
            $record["telepon"] = $d["telepon"];
            $record["password"] = $d["password"];
            $record["username"] = $d["username"];
            $record["status"] = $d["status"];
            $record["keterangan"] = $d["keterangan"];
            $record["alamat"] = $d["alamat"];
            $record["foto"] = $d["foto"];

            $respon["sukses"] = 1;
            $respon["record"] = array();

            array_push($respon["record"], $record);
             $respon["pesan"] = "$jum record";
            echo json_encode($respon);
        } else {
            $respon["sukses"] = 0;
            $respon["pesan"] = "0 record";
            echo json_encode($respon);
        }
```

Gambar 4.17. Coding Untuk Susunan Data Guru

```php
<?php
require_once"../konmysqli.php";
$respon = array();
$sql="SELECT * FROM `$tbguru` order by `nip` desc";
$jum=getJum($conn,$sql);
if ($jum> 0) {
    $respon["record"] = array();
    $arr=getData($conn,$sql);
        foreach($arr as $d) {
        $record = array();
        $record["nip"] = $d["nip"];
        $record["nama_guru"] = $d["nama_guru"];
        $record["jenis_kelamin"] = $d["jenis_kelamin"];
        $record["tempat_lahir"] = $d["tempat_lahir"];
        $record["tanggal_lahir"] = WKTM($d["tanggal_lahir"]);
        $record["email"] = $d["email"];
        $record["telepon"] = $d["telepon"];
        $record["password"] = $d["password"];
        $record["username"] = $d["username"];
        $record["status"] = $d["status"];
        $record["keterangan"] = $d["keterangan"];
        $record["alamat"] = $d["alamat"];
        $record["foto"] = $d["foto"];

        array_push($respon["record"], $record);       //tambahkan array 'record' pada array final 'respon'
    }
    // sukses
    $respon["sukses"] = 1;
    $respon["pesan"] = "$jum record";
    echo json_encode($respon);
} else {
    // jika data kosong
    $respon["record"]="";
    $respon["sukses"] = 0;
    $respon["pesan"] = "0 record";
    echo json_encode($respon);
}
```

Gambar 4.18. Coding Untuk Menampilkan Data Guru

```php
<?php
require_once"../konmysqli.php";
$respon = array();

if (isset($_POST['nip'])) {
        $nip= $_POST['nip'];
        $nama_guru = $_POST['nama_guru'];
        $jenis_kelamin = $_POST['jenis_kelamin'];
        $tempat_lahir = $_POST['tempat_lahir'];
        $tanggal_lahir = $_POST['tanggal_lahir'];
        $email = $_POST['email'];
        $telepon = $_POST['telepon'];
        $password = $_POST['password'];
        $username = $_POST['username'];
        $status = $_POST['status'];
        $keterangan = $_POST['keterangan'];
        $alamat = $_POST['alamat'];
        $foto = $_POST['foto'];

    $sql="UPDATE `$tbguru` SET
    `nip` = '$nip',
    `nama_guru` = '$nama_guru',
    `jenis_kelamin` = '$jenis_kelamin',
    `tempat_lahir` = '$tempat_lahir',
    `tanggal_lahir` = '$tanggal_lahir',
    `email` = '$email',
    `telepon` = '$telepon',
    `password` = '$password',
    `username` = '$username',
    `status` = '$status',
    `keterangan` = '$keterangan',
    `alamat` = '$alamat',
    `foto` = '$foto'
    WHERE `nip` = '$nip'";
    $ubah=process($conn,$sql);
```

Gambar 4.19. Coding Untuk Memperbaharui Data Guru

Coding untuk kelas pada php sebagai berikut.

```php
<?php
$pro="simpan";
$tanggal=WKT(date("Y-m-d"));
?>
<link type="text/css" href="<?php echo "$PATH/base/";?>ui.all.css" rel="stylesheet" />
<script type="text/javascript" src="<?php echo "$PATH/";?>jquery-1.3.2.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/ui.core.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/ui.datepicker.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/i18n/ui.datepicker-id.js"></script>

  <script type="text/javascript">
      $(document).ready(function(){
        $("#tanggal").datepicker({
                    dateFormat  : "dd MM yy",
          changeMonth : true,
          changeYear  : true
        });
      });
    </script>

<script type="text/javascript">
function PRINT(){
win=window.open('kelas/print.php','win','width=1000, height=400, menubar=0, scrollbars=1, resizable=0, location=0, toolbar=0, nis=0'); }
</script>
<script language="JavaScript">
function buka(url) {window.open(url, 'window_baru', 'width=800,height=600,left=320,top=100,resizable=1,scrollbars=1');}
</script>



<?php
if($_GET["pro"]=="ubah"){
    $id_kelas=$_GET["kode"];
    $sql="select * from `tbkelas` where `id_kelas`='$id_kelas'";
    $d=getField($conn,$sql);
                $id_kelas=$d["id_kelas"];
```

Gambar 4.20. Coding Untuk Dibagian Data Kelas

```php
<?php
require_once"../konmysqli.php";

$respon = array();

if (isset($_POST['nama_kelas']) && isset($_POST['id_ta'])) {
        $id_kelas= $_POST['id_kelas'];
        $nama_kelas = $_POST['nama_kelas'];
        $keterangan = $_POST['keterangan'];
        $nip_wali_kelas = $_POST['nip_wali_kelas'];
        $id_ta = $_POST['id_ta'];

    $sql="INSERT INTO `tbkelas`
(`id_kelas`, `nama_kelas`,  `keterangan`,`nip_wali_kelas`, `id_ta`) VALUES
('$id_kelas', '$nama_kelas', '$keterangan', '$nip_wali_kelas', '$id_ta')";
$simpan=process($conn,$sql);

   if($simpan){
        $respon["sukses"] = 1;
        $respon["pesan"] = "1 sukses tambah.";
        echo json_encode($respon);
    } else {
        $respon["sukses"] = 0;
        $respon["pesan"] = "0 gagal tambah";
        echo json_encode($respon);
    }
} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "? lengkapi data";
    echo json_encode($respon);
}
?>
```

Gambar 4.21. Coding Untuk Menambah Data Kelas

```php
<?php
require_once"../konmysqli.php";
$response = array();

if (isset($_GET['id_kelas'])) {
    $id_kelas = $_GET['id_kelas'];
    $sql="DELETE FROM `$tbkelas` WHERE `id_kelas` = '$id_kelas'";
    $hapus=process($conn,$sql);
   if($hapus){
        $respon["sukses"] = 1;
        $respon["pesan"] = "1 berhasil dihapus";
        echo json_encode($respon);
    } else {
        $respon["sukses"] = 0;
        $respon["pesan"] = "0 Gagal dihapus";
        echo json_encode($respon);
    }
} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "? lengkapi data";
    echo json_encode($respon);
}
?>


<?php
function process($conn,$sql){
$s=false;
$conn->autocommit(FALSE);
try {
  $rs = $conn->query($sql);
  if($rs){
        $conn->commit();
       $last_inserted_id = $conn->insert_id;
       $affected_rows = $conn->affected_rows;
```

Gambar 4.22. Coding Untuk Menghapus Data Kelas

```php
<?php
require_once"../konmysqli.php";
$respon = array();

if (isset($_GET["id_kelas"])) {
    $id_kelas = $_GET['id_kelas'];
    $sql="SELECT * FROM `$tbkelas` WHERE `id_kelas` = '$id_kelas'";
    $jum=getJum($conn,$sql);
    if ($jum>0) {
            $d=getField($conn,$sql);
            $record = array();
            $record["id_kelas"] = $d["id_kelas"];
            $record["nama_kelas"] = $d["nama_kelas"];
            $record["keterangan"] = $d["keterangan"];
            $record["nip_wali_kelas"] = $d["nip_wali_kelas"];
            $record["id_ta"] = $d["id_ta"];

            $respon["sukses"] = 1;
            $respon["record"] = array();

            array_push($respon["record"], $record);
             $respon["pesan"] = "$jum record";
            echo json_encode($respon);
        } else {
            $respon["sukses"] = 0;
            $respon["pesan"] = "0 record";
            echo json_encode($respon);
        }

} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "? lengkapi data";
    echo json_encode($respon);
}
?>

<?php
```

Gambar 4.23. Coding Untuk Susunan Data Kelas

```php
<?php
require_once"../konmysqli.php";
$respon = array();
$sql="SELECT * FROM `$tbkelas` order by `id_kelas` desc";
$jum=getJum($conn,$sql);
if ($jum> 0) {
    $respon["record"] = array();
    $arr=getData($conn,$sql);
        foreach($arr as $d) {
        $record = array();
        $record["id_kelas"] = $d["id_kelas"];
        $record["nama_kelas"] = $d["nama_kelas"];
        $record["keterangan"] = $d["keterangan"];
        $record["nip_wali_kelas"] = $d["nip_wali_kelas"];
        $record["id_ta"] = $d["id_ta"];

        array_push($respon["record"], $record);      //tambahkan array 'record' pada array final 'respon'
    }
    // sukses
    $respon["sukses"] = 1;
    $respon["pesan"] = "$jum record";
    echo json_encode($respon);
} else {
    // jika data kosong
    $respon["record"]="";
    $respon["sukses"] = 0;
    $respon["pesan"] = "0 record";
    echo json_encode($respon);
}
?>


<?php

function getJum($conn,$sql){
  $rs=$conn->query($sql);
```

Gambar 4.24. Coding Untuk Menampilkan Data Kelas

```php
<?php
require_once"../konmysqli.php";
$respon = array();

if (isset($_POST['id_kelas'])) {
        $id_kelas= $_POST['id_kelas'];
        $nama_kelas = $_POST['nama_kelas'];
        $keterangan = $_POST['keterangan'];
        $nip_wali_kelas = $_POST['nip_wali_kelas'];
        $id_ta = $_POST['id_ta'];

    $sql="UPDATE `$tbkelas` SET
    `id_kelas` = '$id_kelas',
    `nama_kelas` = '$nama_kelas',
    `keterangan` = '$keterangan',
    `nip_wali_kelas` = '$nip_wali_kelas',
    `id_ta` = '$id_ta'
    WHERE `id_kelas` = '$id_kelas'";
    $ubah=process($conn,$sql);

    if ($ubah) {
        $respon["sukses"] = 1;
        $respon["pesan"] = "1 sukses update.";
        echo json_encode($respon);
    } else {
        $respon["sukses"] = 0;
        $respon["pesan"] = "Gagal update data.";
        echo json_encode($respon);

    }
} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "data belum terset/terisi";
    echo json_encode($respon);
}
?>
```

Gambar 4.25. Coding Untuk Memperbaharui Data Kelas

Coding untuk mata pelajaran pada php sebagai berikut.

```php
<?php
$pro="simpan";
$tanggal=WKT(date("Y-m-d"));
?>
<link type="text/css" href="<?php echo "$PATH/base/";?>ui.all.css" rel="stylesheet" />
<script type="text/javascript" src="<?php echo "$PATH/";?>jquery-1.3.2.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/ui.core.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/ui.datepicker.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/i18n/ui.datepicker-id.js"></script>

  <script type="text/javascript">
      $(document).ready(function(){
        $("#tanggal").datepicker({
                    dateFormat  : "dd MM yy",
          changeMonth : true,
          changeYear  : true
        });
      });
    </script>

<script type="text/javascript">
function PRINT(){
win=window.open('matpel/print.php','win','width=1000, height=400, menubar=0, scrollbars=1, resizable=0, location=0, toolbar=0, nis=0'); }
</script>
<script language="JavaScript">
function buka(url) {window.open(url, 'window_baru', 'width=800,height=600,left=320,top=100,resizable=1,scrollbars=1');}
</script>


<?php
if($_GET["pro"]=="ubah"){
    $id_matpel=$_GET["kode"];
    $sql="select * from `$tbmatpel` where `id_matpel`='$id_matpel'";
    $d=getField($conn,$sql);
                $id_matpel=$d["id_matpel"];
```

Gambar 4.26. Coding Untuk Dibagian Data Mata Pelajaran

```php
<?php
require_once"../konmysqli.php";

$respon = array();

if (isset($_POST['nama_matpel']) && isset($_POST['id_ta'])) {
        $id_matpel= $_POST['id_matpel'];
        $nama_matpel = $_POST['nama_matpel'];
        $keterangan = $_POST['keterangan'];

    $sql="INSERT INTO `$tbmatpel`
(`id_matpel`, `nama_matpel`, `keterangan`) VALUES
('$id_matpel', '$nama_matpel', '$keterangan')";
$simpan=process($conn,$sql);

   if($simpan){
        $respon["sukses"] = 1;
        $respon["pesan"] = "1 sukses tambah.";
        echo json_encode($respon);
    } else {
        $respon["sukses"] = 0;
        $respon["pesan"] = "0 gagal tambah";
        echo json_encode($respon);
    }
} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "? lengkapi data";
    echo json_encode($respon);
}
?>


<?php
function process($conn,$sql){
```

Gambar 4.27. Coding Untuk Menambah Data Mata Pelajaran

```php
<?php
require_once"../konmysqli.php";
$response = array();

if (isset($_GET['id_matpel'])) {
    $id_matpel = $_GET['id_matpel'];
    $sql="DELETE FROM `$tbmatpel` WHERE `id_matpel` = '$id_matpel'";
    $hapus=process($conn,$sql);
   if($hapus){
        $respon["sukses"] = 1;
        $respon["pesan"] = "1 berhasil dihapus";
        echo json_encode($respon);
    } else {
        $respon["sukses"] = 0;
        $respon["pesan"] = "0 Gagal dihapus";
        echo json_encode($respon);
    }
} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "? lengkapi data";
    echo json_encode($respon);
}
?>


<?php
function process($conn,$sql){
$s=false;
$conn->autocommit(FALSE);
try {
  $rs = $conn->query($sql);
  if($rs){
        $conn->commit();
       $last_inserted_id = $conn->insert_id;
       $affected_rows = $conn->affected_rows;
```

Gambar 4.28. Coding Untuk Menghapus Data Mata Pelajaran

```php
<?php
require_once"../konmysqli.php";
$respon = array();

if (isset($_GET["id_matpel"])) {
    $id_matpel = $_GET['id_matpel'];
    $sql="SELECT * FROM `$tbmatpel` WHERE `id_matpel` = '$id_matpel'";
    $jum=getJum($conn,$sql);
    if ($jum>0) {
            $d=getField($conn,$sql);
            $record = array();
            $record["id_matpel"] = $d["id_matpel"];
            $record["nama_matpel"] = $d["nama_matpel"];
            $record["keterangan"] = $d["keterangan"];

            $respon["sukses"] = 1;
            $respon["record"] = array();

            array_push($respon["record"], $record);
             $respon["pesan"] = "$jum record";
            echo json_encode($respon);
        } else {
            $respon["sukses"] = 0;
            $respon["pesan"] = "0 record";
            echo json_encode($respon);
        }

} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "? lengkapi data";
    echo json_encode($respon);
}
?>

<?php
```

Gambar 4.29. Coding Untuk Susunan Data Mata Pelajaran

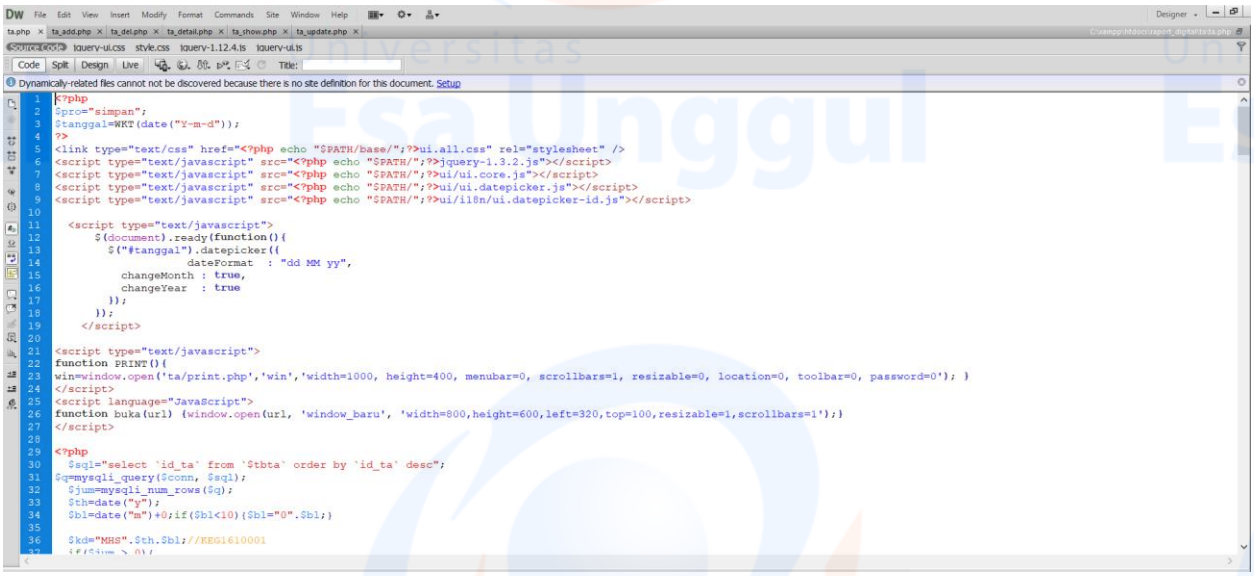
```php
<?php
require_once"../konmysqli.php";
$respon = array();
$sql="SELECT * FROM `$tbmatpel` order by `id_matpel` desc";
$jum=getJum($conn,$sql);
if ($jum> 0) {
    $respon["record"] = array();
    $arr=getData($conn,$sql);
        foreach($arr as $d) {
        $record = array();
        $record["id_matpel"] = $d["id_matpel"];
        $record["nama_matpel"] = $d["nama_matpel"];
        $record["keterangan"] = $d["keterangan"];

        array_push($respon["record"], $record);      //tambahkan array 'record' pada array final 'respon'
    }
    // sukses
    $respon["sukses"] = 1;
    $respon["pesan"] = "$jum record";
    echo json_encode($respon);
} else {
    // jika data kosong
    $respon["record"]="";
    $respon["sukses"] = 0;
    $respon["pesan"] = "0 record";
    echo json_encode($respon);
}
?>


<?php

function getJum($conn,$sql){
  $rs=$conn->query($sql);
  $jum= $rs->num_rows;
    $rs->free();
    return $jum;
```

Gambar 4.30. Coding Untuk Menampilkan Data Mata Pelajaran

```php
<?php
require_once"../konmysqli.php";
$respon = array();

if (isset($_POST['id_matpel'])) {
        $id_matpel= $_POST['id_matpel'];
        $nama_matpel = $_POST['nama_matpel'];
        $keterangan = $_POST['keterangan'];

    $sql="UPDATE `$tbmatpel` SET
    `id_matpel` = '$id_matpel',
    `nama_matpel` = '$nama_matpel',
    `keterangan` = '$keterangan',
    WHERE `id_matpel` = '$id_matpel'";
    $ubah=process($conn,$sql);

    if ($ubah) {
        $respon["sukses"] = 1;
        $respon["pesan"] = "1 sukses update.";
        echo json_encode($respon);
    } else {
        $respon["sukses"] = 0;
        $respon["pesan"] = "Gagal update data.";
        echo json_encode($respon);

    }
} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "data belum terset/terisi";
    echo json_encode($respon);
}
?>


<?php
function process($conn,$sql){
```

Gambar 4.31. Coding Untuk Memperbaharui Data Mata Pelajaran

Coding untuk tahun ajaran pada php sebagai berikut.

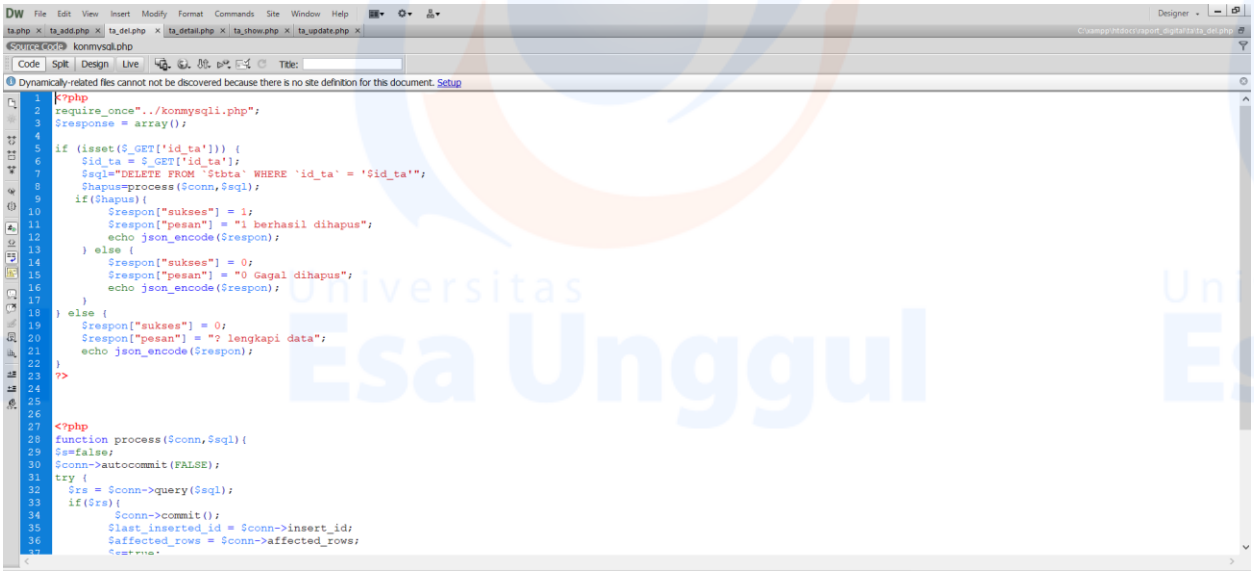


```php
<?php
$pro="simpan";
$tanggal=WKT(date("Y-m-d"));
?>
<link type="text/css" href="<?php echo "$PATH/base/";?>ui.all.css" rel="stylesheet" />
<script type="text/javascript" src="<?php echo "$PATH/";?>jquery-1.3.2.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/ui.core.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/ui.datepicker.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/i18n/ui.datepicker-id.js"></script>

  <script type="text/javascript">
      $(document).ready(function(){
        $("#tanggal").datepicker({
                    dateFormat  : "dd MM yy",
          changeMonth : true,
          changeYear  : true
        });
      });
    </script>

<script type="text/javascript">
function PRINT(){
win=window.open('ta/print.php','win','width=1000, height=400, menubar=0, scrollbars=1, resizable=0, location=0, toolbar=0, password=0'); }
</script>
<script language="JavaScript">
function buka(url) {window.open(url, 'window_baru', 'width=800,height=600,left=320,top=100,resizable=1,scrollbars=1');}
</script>

<?php
  $sql="select `id_ta` from `$tbta` order by `id_ta` desc";
$q=mysqli_query($conn, $sql);
  $jum=mysqli_num_rows($q);
  $th=date("y");
  $bl=date("m")+0;if($bl<10){$bl="0".$bl;}

  $kd="MHS".$th.$bl;//EEG1610001
```

Gambar 4.32. Coding Untuk Dibagian Data Mata Pelajaran

```php
<?php
require_once"../konmysqli.php";

$respon = array();

if (isset($_POST['nama_ta']) && isset($_POST['username'])) {
        $id_ta= $_POST['id_ta'];
        $nama_ta = $_POST['nama_ta'];
        $nip_kepala_sekolah = $_POST['nip_kepala_sekolah'];
        $nama_kepala_sekolah = $_POST['nama_kepala_sekolah'];
        $status = $_POST['status'];
        $keterangan = $_POST['keterangan'];

    $sql="INSERT INTO `$tbta`
(`id_ta`, `nama_ta`, `nip_kepala_sekolah`, `nama_kepala_sekolah`,`status`,`keterangan`) VALUES
('$id_ta', '$nama_ta','$nip_kepala_sekolah','$nama_kepala_sekolah', '$status', '$keterangan')";
$simpan=process($conn,$sql);

   if($simpan){
        $respon["sukses"] = 1;
        $respon["pesan"] = "1 sukses tambah.";
        echo json_encode($respon);
    } else {
        $respon["sukses"] = 0;
        $respon["pesan"] = "0 gagal tambah";
        echo json_encode($respon);
    }
} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "? lengkapi data";
    echo json_encode($respon);
}
?>
```

Gambar 4.33. Coding Untuk Penambahan Data Mata Pelajaran



```php
<?php
require_once"../konmysqli.php";
$response = array();

if (isset($_GET['id_ta'])) {
    $id_ta = $_GET['id_ta'];
    $sql="DELETE FROM `$tbta` WHERE `id_ta` = '$id_ta'";
    $hapus=process($conn,$sql);
   if($hapus){
        $respon["sukses"] = 1;
        $respon["pesan"] = "1 berhasil dihapus";
        echo json_encode($respon);
    } else {
        $respon["sukses"] = 0;
        $respon["pesan"] = "0 Gagal dihapus";
        echo json_encode($respon);
    }
} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "? lengkapi data";
    echo json_encode($respon);
}
?>



<?php
function process($conn,$sql){
$s=false;
$conn->autocommit(FALSE);
try {
  $rs = $conn->query($sql);
  if($rs){
        $conn->commit();
       $last_inserted_id = $conn->insert_id;
       $affected_rows = $conn->affected_rows;
```

Gambar 4.34. Coding Untuk Menghapus Data Mata Pelajaran

```php
<?php
require_once"../konmysqli.php";
$respon = array();

if (isset($_GET["id_ta"])) {
    $id_ta = $_GET['id_ta'];
    $sql="SELECT * FROM `$tbta` WHERE `id_ta` = '$id_ta'";
    $jum=getJum($conn,$sql);
    if ($jum>0) {
            $d=getField($conn,$sql);
            $record = array();
            $record["id_ta"] = $d["id_ta"];
            $record["nama_ta"] = $d["nama_ta"];
            $record["nip_kepala_sekolah"] = $d["nip_kepala_sekolah"];
            $record["nama_kepala_sekolah"] = $d["nama_kepala_sekolah"];
            $record["status"] = $d["status"];
            $record["keterangan"] = $d["keterangan"];

            $respon["sukses"] = 1;
            $respon["record"] = array();

            array_push($respon["record"], $record);
             $respon["pesan"] = "$jum record";
            echo json_encode($respon);
        } else {
            $respon["sukses"] = 0;
            $respon["pesan"] = "0 record";
            echo json_encode($respon);
        }

} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "? lengkapi data";
    echo json_encode($respon);
}
?>
```

Gambar 4.35. Coding Untuk Susunan Data Mata Pelajaran

```php
<?php
require_once"../konmysqli.php";
$respon = array();
$sql="SELECT * FROM `$tbta` order by `status` asc";
$jum=getJum($conn,$sql);
if ($jum> 0) {
    $respon["record"] = array();
    $arr=getData($conn,$sql);
        foreach($arr as $d) {
        $record = array();
        $record["id_ta"] = $d["id_ta"];
        $record["nama_ta"] = $d["nama_ta"];
        $record["nip_kepala_sekolah"] = $d["nip_kepala_sekolah"];
        $record["nama_kepala_sekolah"] = $d["nama_kepala_sekolah"];
        $record["status"] = $d["status"];
        $record["keterangan"] = $d["keterangan"];

        array_push($respon["record"], $record);       //tambahkan array 'record' pada array final 'respon'
    }
    // sukses
    $respon["sukses"] = 1;
    $respon["pesan"] = "$jum record";
    echo json_encode($respon);
} else {
    // jika data kosong
    $respon["record"]="";
    $respon["sukses"] = 0;
    $respon["pesan"] = "0 record";
    echo json_encode($respon);
}
?>


<?php

function getJum($conn,$sql){
```

Gambar 4.36. Coding Untuk Menampilkan Data Mata Pelajaran

```php
<?php
require_once"../konmysqli.php";
$respon = array();

if (isset($_POST['id_ta'])) {
        $id_ta= $_POST['id_ta'];
        $nama_ta = $_POST['nama_ta'];
        $nip_kepala_sekolah = $_POST['nip_kepala_sekolah'];
        $nama_kepala_sekolah = $_POST['nama_kepala_sekolah'];
        $status = $_POST['status'];
        $keterangan = $_POST['keterangan'];

    $sql="UPDATE `$tbta` SET
    `id_ta` = '$id_ta',
    `nama_ta` = '$nama_ta',
    `nip_kepala_sekolah` = '$nip_kepala_sekolah',
    `nama_kepala_sekolah` = '$nama_kepala_sekolah',
    `keterangan` = '$keterangan'
    WHERE `id_ta` = '$id_ta'";
    $ubah=process($conn,$sql);

    if ($ubah) {
        $respon["sukses"] = 1;
        $respon["pesan"] = "1 sukses update.";
        echo json_encode($respon);
    } else {
        $respon["sukses"] = 0;
        $respon["pesan"] = "Gagal update data.";
        echo json_encode($respon);

    }
} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "data belum terset/terisi";
    echo json_encode($respon);
}
?>
```

Gambar 4.37. Coding Untuk Memperbaharui Data Mata Pelajaran

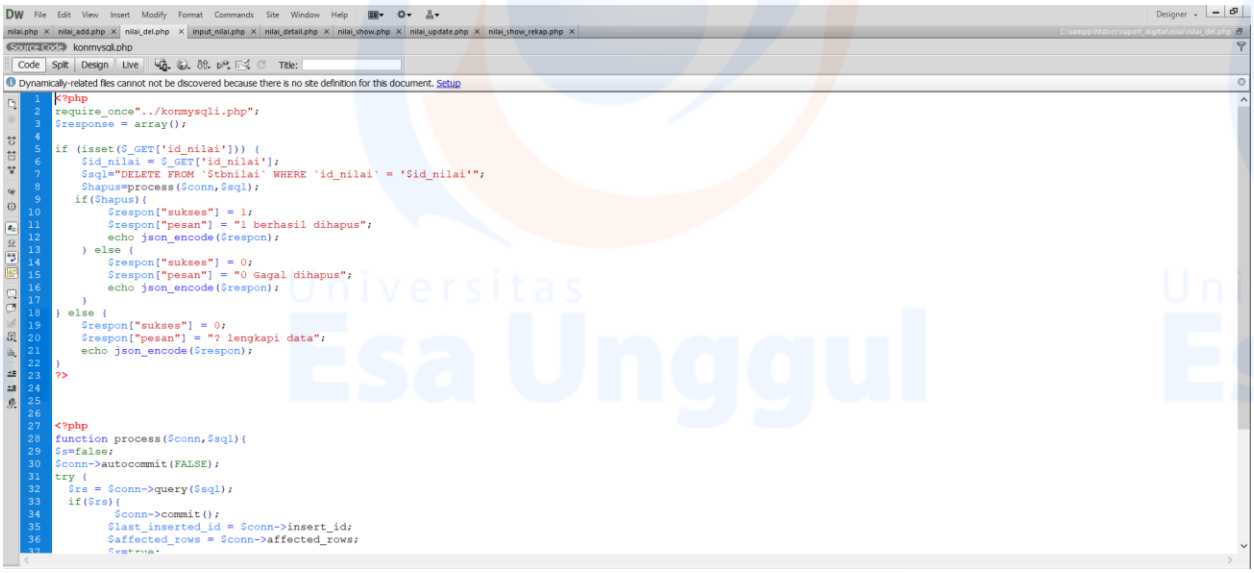
Coding untuk nilai pada php sebagai berikut.

```php
<?php
$pro="simpan";
$tanggal=WKT(date("Y-m-d"));
?>
<link type="text/css" href="<?php echo "$PATH/base/";?>ui.all.css" rel="stylesheet" />
<script type="text/javascript" src="<?php echo "$PATH/";?>jquery-1.3.2.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/ui.core.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/ui.datepicker.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/i18n/ui.datepicker-id.js"></script>

  <script type="text/javascript">
      $(document).ready(function(){
        $("#tanggal").datepicker({
                    dateFormat  : "dd MM yy",
          changeMonth : true,
          changeYear  : true
        });
      });
    </script>

<script type="text/javascript">
function PRINT(){
win=window.open('nilai/print.php','win','width=1000, height=400, menubar=0, scrollbars=1, resizable=0, location=0, toolbar=0, nilai_uas=0'); }
</script>
<script language="JavaScript">
function buka(url) {window.open(url, 'window_baru', 'width=800,height=600,left=320,top=100,resizable=1,scrollbars=1');}
</script>

<?php
if($_GET["pro"]=="ubah"){
    $id_nilai=$_GET["kode"];
    $sql="select * from `$tbnilai` where `id_nilai`='$id_nilai'";
    $d=getField($conn,$sql);
                $id_nilai=$d["id_nilai"];
                $id_nilai0=$d["id_nilai"];
                $nis=$d["nis"];
```

Gambar 4.38. Coding Untuk Dibagian Data Nilai

```php
<?php
require_once"../konmysqli.php";

$respon = array();

if (isset($_POST['nis']) && isset($_POST['nilai_uts'])) {
        $id_nilai= $_POST['id_nilai'];
        $nis = $_POST['nis'];
        $id_matpel = $_POST['id_matpel'];
        $id_ta = $_POST['id_ta'];
        $tryout_1 = $_POST['tryout_1'];
        $tryout_2 = $_POST['tryout_2'];
        $tryout_3 = $_POST['tryout_3'];
        $tryout_4 = $_POST['tryout_4'];
        $tryout_5 = $_POST['tryout_5'];
        $nilai_uas = $_POST['nilai_uas'];
        $nilai_uts = $_POST['nilai_uts'];
        $nilai_pengetahuan = $_POST['nilai_pengetahuan'];
        $deskripsi_pengetahuan = $_POST['deskripsi_pengetahuan'];
        $nilai_rata_pengetahuan = $_POST['nilai_rata_pengetahuan'];
        $nilai_keterampilan = $_POST['nilai_keterampilan'];
        $deskripsi_keterampilan = $_POST['deskripsi_keterampilan'];
        $nilai_rata_keterampilan = $_POST['nilai_rata_keterampilan'];
        $catatan = $_POST['catatan'];

$sql=" INSERT INTO `$tbnilai` (
`id_nilai` ,
`nis` ,
`id_matpel` ,
`id_ta` ,
`tryout_1` ,
`tryout_2` ,
`tryout_3` ,
`tryout_4` ,
`tryout_5` ,
`nilai_uts` ,
```

Gambar 4.39. Coding Untuk Penambahan Data Nilai



```php
<?php
require_once"../konmysqli.php";
$response = array();

if (isset($_GET['id_nilai'])) {
    $id_nilai = $_GET['id_nilai'];
    $sql="DELETE FROM `$tbnilai` WHERE `id_nilai` = '$id_nilai'";
    $hapus=process($conn,$sql);
   if($hapus){
        $respon["sukses"] = 1;
        $respon["pesan"] = "1 berhasil dihapus";
        echo json_encode($respon);
    } else {
        $respon["sukses"] = 0;
        $respon["pesan"] = "0 Gagal dihapus";
        echo json_encode($respon);
    }
} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "? lengkapi data";
    echo json_encode($respon);
}
?>


<?php
function process($conn,$sql){
$s=false;
$conn->autocommit(FALSE);
try {
  $rs = $conn->query($sql);
  if($rs){
        $conn->commit();
       $last_inserted_id = $conn->insert_id;
       $affected_rows = $conn->affected_rows;
```

Gambar 4.40. Coding Untuk Menghapus Data Nilai

```php
<?php
require_once"../konmysqli.php";
$respon = array();

if (isset($_GET["id_nilai"])) {
    $id_nilai = $_GET['id_nilai'];
    $sql="SELECT * FROM `$tbnilai` WHERE `id_nilai` = '$id_nilai'";
    $jum=getJum($conn,$sql);
    if ($jum>0) {
            $d=getField($conn,$sql);
            $record = array();
            $record["id_nilai"] = $d["id_nilai"];
            $record["nis"] = $d["nis"];
            $record["id_matpel"] = getMatpelM($conn,$d["id_matpel"]);
            $record["id_ta"] = $d["id_ta"];
            $record["tryout_1"] = $d["tryout_1"];
            $record["tryout_2"] = $d["tryout_2"];
            $record["tryout_3"] = $d["tryout_3"];
            $record["tryout_4"] = $d["tryout_4"];
            $record["tryout_5"] = $d["tryout_5"];
            $record["nilai_uas"] = $d["nilai_uas"];
            $record["nilai_uts"] = $d["nilai_uts"];
            $record["nilai_pengetahuan"] = $d["nilai_pengetahuan"];
            $record["deskripsi_pengetahuan"] = $d["deskripsi_pengetahuan"];
            $record["nilai_rata_pengetahuan"] = $d["nilai_rata_pengetahuan"];
            $record["nilai_keterampilan"] = $d["nilai_keterampilan"];
            $record["deskripsi_keterampilan"] = $d["deskripsi_keterampilan"];
            $record["nilai_rata_keterampilan"] = $d["nilai_rata_keterampilan"];
            $record["catatan"] = $d["catatan"];

            $respon["sukses"] = 1;
            $respon["record"] = array();

            array_push($respon["record"], $record);
             $respon["pesan"] = "$jum record";
            echo json_encode($respon);
```

Gambar 4.41. Coding Untuk Susunan Data Nilai

```php
<?php
require_once"../konmysqli.php";
$respon = array();
$sql="SELECT * FROM `$tbnilai` order by `id_nilai` desc";
$jum=getJum($conn,$sql);
if ($jum> 0) {
    $respon["record"] = array();
    $arr=getData($conn,$sql);
        foreach($arr as $d) {
        $record = array();
        $record["id_nilai"] = $d["id_nilai"];
        $record["nis"] = $d["nis"];
        $record["id_matpel"] = $d["id_matpel"];
        $record["nama_matpel"] = getMatpelM($conn,$d["id_matpel"]);
        $record["id_ta"] = $d["id_ta"];
        $record["tryout_1"] = $d["tryout_1"];
        $record["tryout_2"] = $d["tryout_2"];
        $record["tryout_3"] = $d["tryout_3"];
        $record["tryout_4"] = $d["tryout_4"];
        $record["tryout_5"] = $d["tryout_5"];
        $record["nilai_uas"] = $d["nilai_uas"];
        $record["nilai_uts"] = $d["nilai_uts"];
        $record["nilai_pengetahuan"] = $d["nilai_pengetahuan"];
        $record["deskripsi_pengetahuan"] = $d["deskripsi_pengetahuan"];
        $record["nilai_rata_pengetahuan"] = $d["nilai_rata_pengetahuan"];
        $record["nilai_keterampilan"] = $d["nilai_keterampilan"];
        $record["deskripsi_keterampilan"] = $d["deskripsi_keterampilan"];
        $record["nilai_rata_keterampilan"] = $d["nilai_rata_keterampilan"];
        $record["catatan"] = $d["catatan"];

        array_push($respon["record"], $record);       //tambahkan array 'record' pada array final 'respon'
    }
    // sukses
    $respon["sukses"] = 1;
    $respon["pesan"] = "$jum record";
    echo json_encode($respon);
} else {
```

Gambar 4.42. Coding Untuk Menampilkan Data Nilai

```php
<?php
require_once"../konmysqli.php";
$respon = array();

if (isset($_POST['id_nilai'])) {
        $id_nilai= $_POST['id_nilai'];
        $nis = $_POST['nis'];
        $id_matpel = $_POST['id_matpel'];
        $id_ta = $_POST['id_ta'];
        $tryout_1 = $_POST['tryout_1'];
        $tryout_2 = $_POST['tryout_2'];
        $tryout_3 = $_POST['tryout_3'];
        $tryout_4 = $_POST['tryout_4'];
        $tryout_5 = $_POST['tryout_5'];
        $nilai_uas = $_POST['nilai_uas'];
        $nilai_uts = $_POST['nilai_uts'];
        $nilai_pengetahuan = $_POST['nilai_pengetahuan'];
        $deskripsi_pengetahuan = $_POST['deskripsi_pengetahuan'];
        $nilai_rata_pengetahuan = $_POST['nilai_rata_pengetahuan'];
        $nilai_keterampilan = $_POST['nilai_keterampilan'];
        $deskripsi_keterampilan = $_POST['deskripsi_keterampilan'];
        $nilai_rata_keterampilan = $_POST['nilai_rata_keterampilan'];
        $catatan = $_POST['catatan'];

    $sql="update `$tbnilai` set
            `nis`='$nis',
            `id_matpel`='$id_matpel',
            `id_ta`='$id_ta',
            `tryout_1`='$tryout_1',
            `tryout_2`='$tryout_2',
            `tryout_3`='$tryout_3',
            `tryout_4`='$tryout_4',
            `tryout_5`='$telepon-ortu',
            `nilai_uas`='$nilai_uas',
            `nilai_uts`='$nilai_uts',
            `nilai_pengetahuan`='$nilai_pengetahuan',
            `deskripsi_pengetahuan`='$deskripsi_pengetahuan'
```

Gambar 4.43. Coding Untuk Memperbaharui Data Nilai

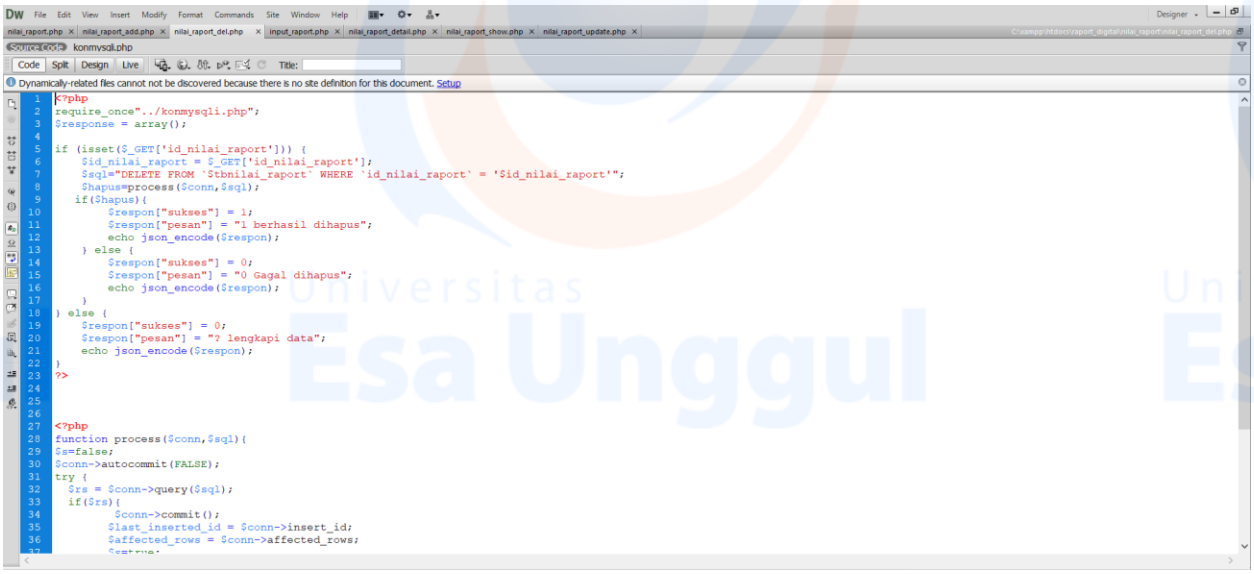
Coding untuk nilai rapor pada php sebagai berikut.

```php
<?php
$pro="simpan";
$tgl=WKT(date("Y-m-d"));
?>
<link type="text/css" href="<?php echo "$PATH/base/";?>ui.all.css" rel="stylesheet" />
<script type="text/javascript" src="<?php echo "$PATH/";?>jquery-1.3.2.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/ui.core.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/ui.datepicker.js"></script>
<script type="text/javascript" src="<?php echo "$PATH/";?>ui/i18n/ui.datepicker-id.js"></script>

  <script type="text/javascript">
      $(document).ready(function(){
        $("#tgl").datepicker({
                    dateFormat  : "dd MM yy",
          changeMonth : true,
          changeYear  : true
        });
      });
    </script>

<script type="text/javascript">
function PRINT(){
win=window.open('nilai_raport/print.php','win','width=1000, height=400, menubar=0, scrollbars=1, resizable=0, location=0, toolbar=0, saran_saran=0'); }
</script>
<script language="JavaScript">
function buka(url) {window.open(url, 'window_baru', 'width=800,height=600,left=320,top=100,resizable=1,scrollbars=1');}
</script>



<?php
if($_GET["pro"]=="ubah"){
    $id_nilai_raport=$_GET["kode"];
    $sql="select * from `$tbnilai_raport` where `id_nilai_raport`='$id_nilai_raport'";
    $d=getField($conn,$sql);
                $id_nilai_raport=$d["id_nilai_raport"];
```

Gambar 4.44. Coding Untuk Dibagian Data Nilai Rapor

```php
<?php
require_once"../konmysqli.php";

$respon = array();

if (isset($_POST['nis']) && isset($_POST['uks'])) {
        $id_nilai_raport= $_POST['id_nilai_raport'];
        $nis = $_POST['nis'];
        $jeid_nilai_raport_kelamin = $_POST['jeid_nilai_raport_kelamin'];
        $sikap_spiritual = $_POST['sikap_spiritual'];
        $sikap_sosial = $_POST['sikap_sosial'];
        $pramuka = $_POST['pramuka'];
        $kesenian = $_POST['kesenian'];
        $olah_raga = $_POST['olah_raga'];
        $saran_saran = $_POST['saran_saran'];
        $uks = $_POST['uks'];
        $tinggi_badan = $_POST['tinggi_badan'];
        $berat_badan = $_POST['berat_badan'];
        $pendegaran = $_POST['pendegaran'];
        $foto = $_POST['foto'];
        $id_ta = $_POST['id_ta'];
        $penglihatan = $_POST['penglihatan'];
        $gigi=$_POST["gigi"];
        $lainnya=$_POST["lainnya"];
        $prestasi_akademik=$_POST["prestasi_akademik"];
        $prestasi_kesenian=$_POST["prestasi_kesenian"];
        $prestasi_olahraga=$_POST["prestasi_olahraga"];
        $prestasi_lainnya=$_POST["prestasi_lainnya"];
        $sakit=$_POST["sakit"];
        $izin=$_POST["izin"];
        $tanpa_keterangan=$_POST["tanpa_keterangan"];

    $sql=" INSERT INTO `$tbnilai_raport` (
            `id_nilai_raport` ,
            `nis` ,
            `jeid_nilai_raport_kelamin` ,
```

Gambar 4.45. Coding Untuk Menambah Data Nilai Rapor



```php
<?php
require_once"../konmysqli.php";
$response = array();

if (isset($_GET['id_nilai_raport'])) {
    $id_nilai_raport = $_GET['id_nilai_raport'];
    $sql="DELETE FROM `$tbnilai_raport` WHERE `id_nilai_raport` = '$id_nilai_raport'";
    $hapus=process($conn,$sql);
   if($hapus){
        $respon["sukses"] = 1;
        $respon["pesan"] = "1 berhasil dihapus";
        echo json_encode($respon);
    } else {
        $respon["sukses"] = 0;
        $respon["pesan"] = "0 Gagal dihapus";
        echo json_encode($respon);
    }
} else {
    $respon["sukses"] = 0;
    $respon["pesan"] = "? lengkapi data";
    echo json_encode($respon);
}
?>


<?php
function process($conn,$sql){
$s=false;
$conn->autocommit(FALSE);
try {
  $rs = $conn->query($sql);
  if($rs){
        $conn->commit();
       $last_inserted_id = $conn->insert_id;
       $affected_rows = $conn->affected_rows;
```

Gambar 4.46. Coding Untuk Menghapus Data Nilai Rapor

```php
<?php
require_once"../konmysqli.php";
$respon = array();

if (isset($_GET["id_nilai_raport"])) {
    $id_nilai_raport = $_GET['id_nilai_raport'];
    $sql="SELECT * FROM `$tbnilai_raport` WHERE `id_nilai_raport` = '$id_nilai_raport'";
    $jum=getJum($conn,$sql);
    if ($jum>0) {
            $d=getField($conn,$sql);
            $record = array();
            $record["id_nilai_raport"] = $d["id_nilai_raport"];
            $record["nis"] = $d["nis"];
            $record["sikap_spiritual"] = $d["sikap_spiritual"];
            $record["sikap_sosial"] = $d["sikap_sosial"];
            $record["pramuka"] = $d["pramuka"];
            $record["kesenian"] = $d["kesenian"];
            $record["olah_raga"] = $d["olah_raga"];
            $record["saran_saran"] = $d["saran_saran"];
            $record["uks"] = $d["uks"];
            $record["tinggi_badan"] = $d["tinggi_badan"];
            $record["berat_badan"] = $d["berat_badan"];
            $record["pendegaran"] = $d["pendegaran"];
            $record["id_ta"] = $d["id_ta"];
            $record["penglihatan"] = $d["penglihatan"];
            $record["gigi"] =$d["gigi"];
            $record["lainnya"] =$d["lainnya"];
            $record["prestasi_akademik"] =$d["prestasi_akademik"];
            $record["prestasi_kesenian"] =$d["prestasi_kesenian"];
            $record["prestasi_olahraga"] =$d["prestasi_olahraga"];
            $record["prestasi_lainnya"] =$d["prestasi_lainnya"];
            $record["sakit"] =$d["sakit"];
            $record["izin"] =$d["izin"];
            $record["tanpa_keterangan"] =$d["tanpa_keterangan"];

            $respon["sukses"] = 1;
```

Gambar 4.47. Coding Untuk Susunan Data Nilai Rapor

```php
<?php
require_once"../konmysqli.php";
$respon = array();
$sql="SELECT * FROM `$tbnilai_raport` order by `id_nilai_raport` desc";
$jum=getJum($conn,$sql);
if ($jum> 0) {
    $respon["record"] = array();
    $arr=getData($conn,$sql);
        foreach($arr as $d) {
        $record = array();
        $record["id_nilai_raport"] = $d["id_nilai_raport"];
        $record["nis"] = $d["nis"];
        $record["sikap_spiritual"] = $d["sikap_spiritual"];
        $record["sikap_sosial"] = $d["sikap_sosial"];
        $record["pramuka"] = $d["pramuka"];
        $record["kesenian"] = $d["kesenian"];
        $record["olah_raga"] = $d["olah_raga"];
        $record["saran_saran"] = $d["saran_saran"];
        $record["uks"] = $d["uks"];
        $record["tinggi_badan"] = $d["tinggi_badan"];
        $record["berat_badan"] = $d["berat_badan"];
        $record["pendegaran"] = $d["pendegaran"];
        $record["id_ta"] = $d["id_ta"];
        $record["penglihatan"] = $d["penglihatan"];
        $record["gigi"] =$d["gigi"];
        $record["lainnya"] =$d["lainnya"];
        $record["prestasi_akademik"] =$d["prestasi_akademik"];
        $record["prestasi_kesenian"] =$d["prestasi_kesenian"];
        $record["prestasi_olahraga"] =$d["prestasi_olahraga"];
        $record["prestasi_lainnya"] =$d["prestasi_lainnya"];
        $record["sakit"] =$d["sakit"];
        $record["izin"] =$d["izin"];
        $record["tanpa_keterangan"] =$d["tanpa_keterangan"];

        array_push($respon["record"], $record);       //tambahkan array 'record' pada array final 'respon'
    }
    // sukses
```

Gambar 4.48. Coding Untuk Menampilkan Data Nilai Rapor

```php
<?php
require_once"../konmysqli.php";
$respon = array();

if (isset($_POST['id_nilai_raport'])) {
        $id_nilai_raport= $_POST['id_nilai_raport'];
        $nis = $_POST['nis'];
        $sikap_spiritual = $_POST['sikap_spiritual'];
        $sikap_sosial = $_POST['sikap_sosial'];
        $pramuka = $_POST['pramuka'];
        $kesenian = $_POST['kesenian'];
        $olah_raga = $_POST['olah_raga'];
        $saran_saran = $_POST['saran_saran'];
        $uks = $_POST['uks'];
        $tinggi_badan = $_POST['tinggi_badan'];
        $berat_badan = $_POST['berat_badan'];
        $pendegaran = $_POST['pendegaran'];
        $foto = $_POST['foto'];
        $id_ta = $_POST['id_ta'];
        $penglihatan = $_POST['penglihatan'];

    $sql="UPDATE `$tbnilai_raport` SET
    `id_nilai_raport` = '$id_nilai_raport',
    `nis` = '$nis',
    `jeid_nilai_raport_kelamin` = '$jeid_nilai_raport_kelamin',
    `sikap_spiritual` = '$sikap_spiritual',
    `sikap_sosial` = '$sikap_sosial',
    `pramuka` = '$pramuka',
    `kesenian` = '$kesenian',
    `olah_raga` = '$olah_raga',
    `saran_saran` = '$saran_saran',
    `uks` = '$uks',
    `tinggi_badan` = '$tinggi_badan',
    `berat_badan` = '$berat_badan'
    `pendegaran` = '$pendegaran'
    `id_ta` = '$id_ta'
    `penglihatan` = '$penglihatan'
```

Gambar 4.49. Coding Untuk Memperbaharui Data Nilai Rapor

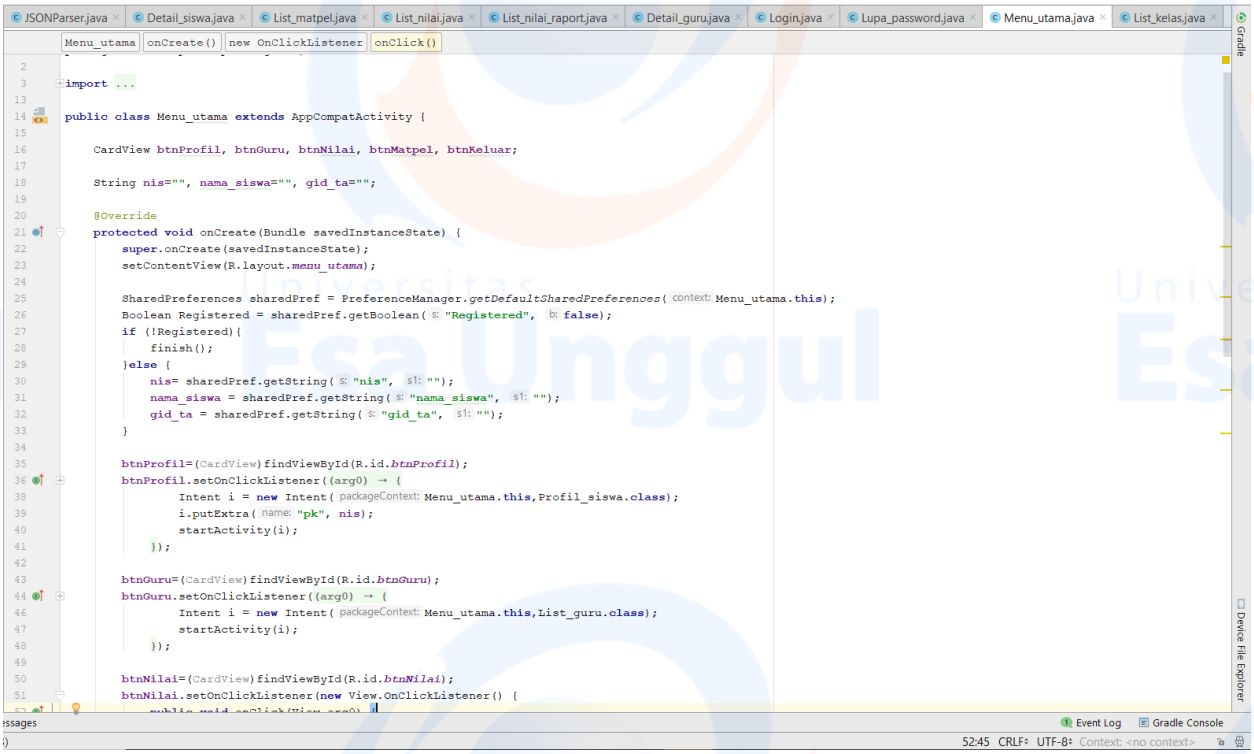
Coding untuk aplikasi android pada siswa menggunakan android studio sebagai berikut.

Gambar 4.50. Coding Untuk Login

Gambar 4.51. Coding Untuk User Interface Pada Login

Gambar 4.52. Coding Untuk Lupa Password

Gambar 4.53. Coding Untuk User Interface Pada Lupa Password



```
import ...

public class Menu_utama extends AppCompatActivity {

    CardView btnProfil, btnGuru, btnNilai, btnMatpel, btnKeluar;

    String nis="", nama_siswa="", gid_ta="";

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.menu_utama);

        SharedPreferences sharedPref = PreferenceManager.getDefaultSharedPreferences( context: Menu_utama.this);
        Boolean Registered = sharedPref.getBoolean( s: "Registered",  b: false);
        if (!Registered){
            finish();
        }else {
            nis= sharedPref.getString( s: "nis",  s1: "");
            nama_siswa = sharedPref.getString( s: "nama_siswa",  s1: "");
            gid_ta = sharedPref.getString( s: "gid_ta",  s1: "");
        }

        btnProfil=(CardView)findViewById(R.id.btnProfil);
        btnProfil.setOnClickListener((arg0) -> {
                Intent i = new Intent( packageContext: Menu_utama.this,Profil_siswa.class);
                i.putExtra( name: "pk", nis);
                startActivity(i);
            });

        btnGuru=(CardView)findViewById(R.id.btnGuru);
        btnGuru.setOnClickListener((arg0) -> {
                Intent i = new Intent( packageContext: Menu_utama.this,List_guru.class);
                startActivity(i);
            });

        btnNilai=(CardView)findViewById(R.id.btnNilai);
        btnNilai.setOnClickListener(new View.OnClickListener() {
```

Gambar 4.54. Coding Untuk Menu Utama

```
<?xml version="1.0" encoding="utf-8"?>

<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    android:background="@drawable/bgmenu"  >

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:weightSum="10"
    tools:context="com.example.komunitas.Loading"
    android:gravity="center"
    android:padding="10dp">

    <TextView
        android:id="@+id/txtMarquee"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentLeft="true"
        android:layout_alignParentTop="true"
        android:background="#000000"
        android:ellipsize="marquee"
        android:marqueeRepeatLimit="marquee_forever"
        android:singleLine="true"
        android:text=""
        android:textColor="#ffffff"
        android:textSize="18sp"
        android:typeface="sans" />

    <LinearLayout
        android:clipToPadding="false"
        android:gravity="center"
        android:orientation="horizontal"
        android:layout_width="match_parent"
```

Gambar 4.55. Coding Untuk User Interface Pada Menu Utama

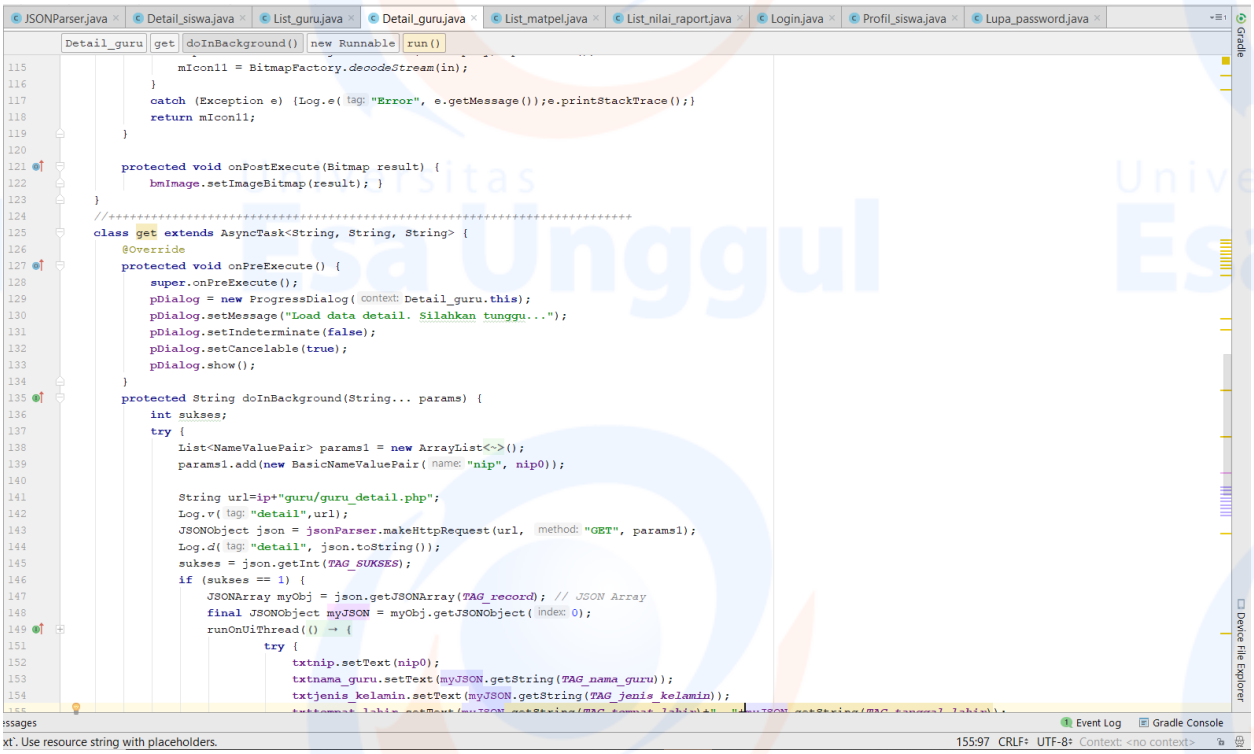
Gambar 4.56. Coding Untuk Profil Siswa

Gambar 4.57. Coding Untuk User Interface Pada Profil Siswa

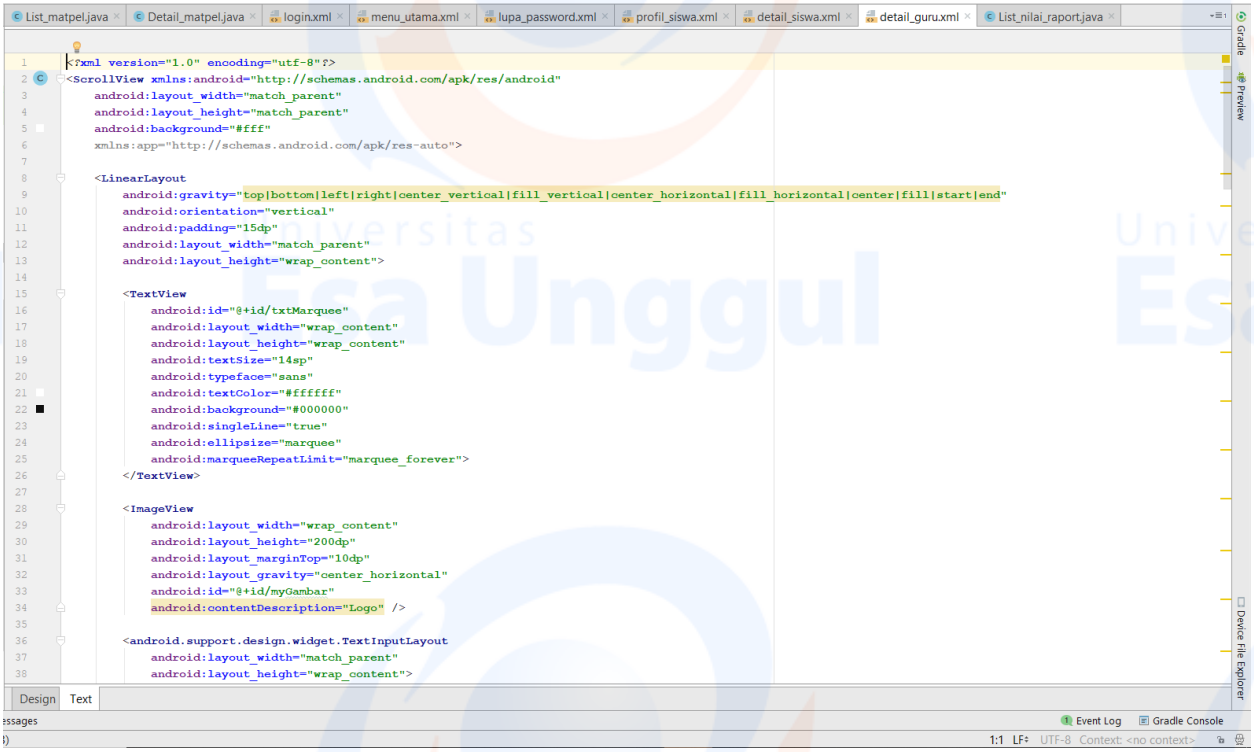
Gambar 4.58. Coding Untuk Detail Siswa

Gambar 4.59. Coding Untuk User Interface Pada Detail Siswa

Gambar 4.60. Coding Untuk List Guru



Gambar 4.61. Coding Untuk Detail Guru



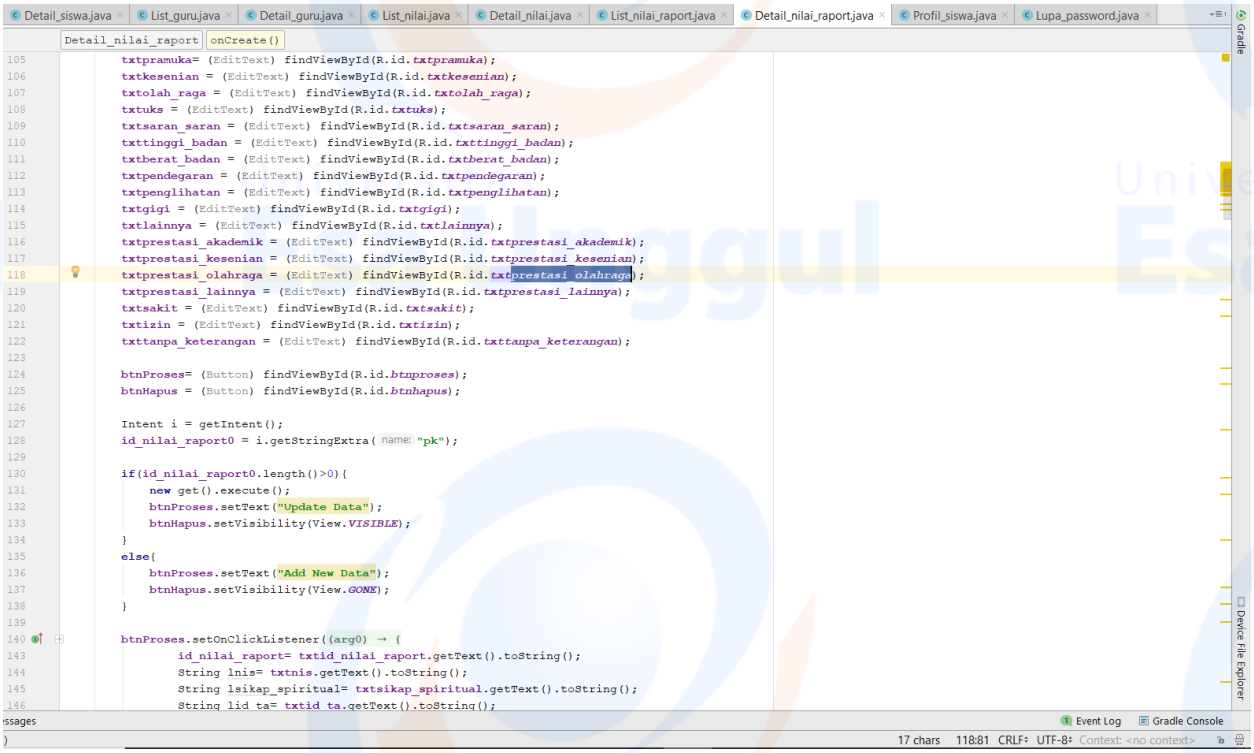
Gambar 4.62. Coding Untuk User Interface Pada Detail Guru

Gambar 4.63. Coding Untuk Menu nilai

Gambar 4.64. Coding Untuk User Interface Pada Menu Nilai

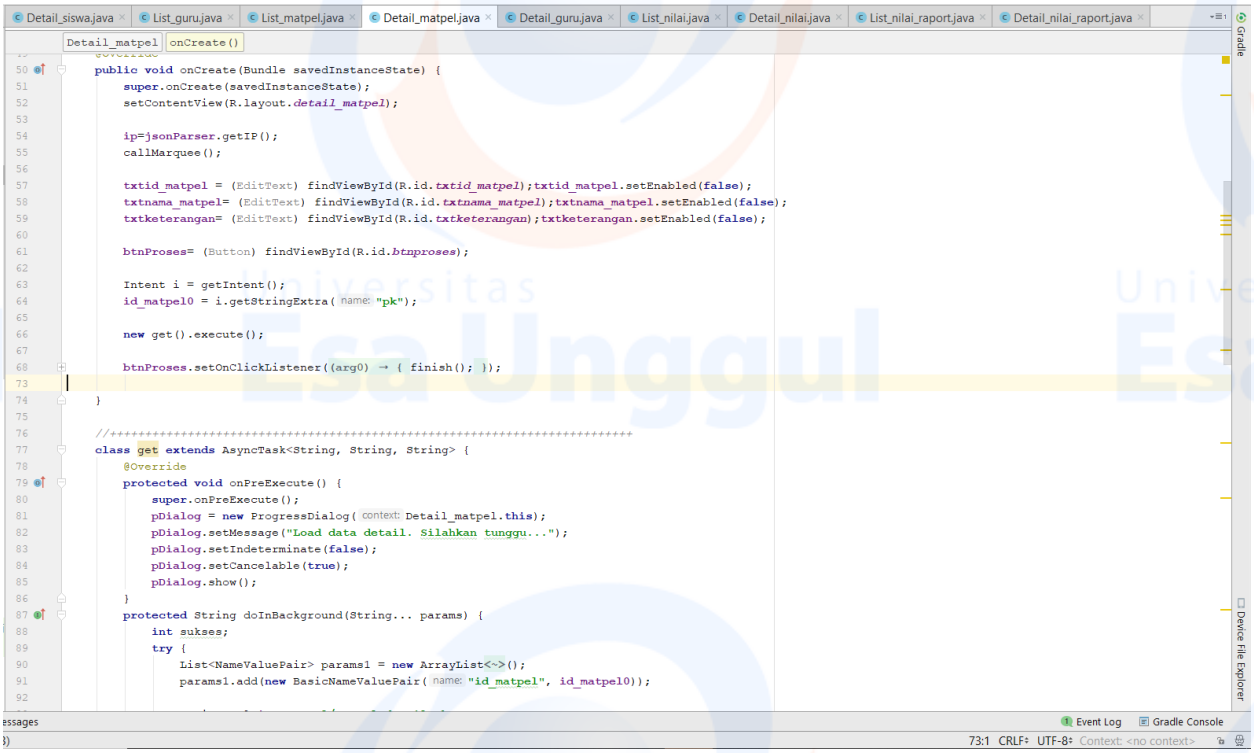
Gambar 4.65. Coding Untuk Detail Nilai

Gambar 4.66. Coding Untuk User Interface Pada Detail Nilai



Gambar 4.67. Coding Untuk Detail Rapor

Gambar 4.68. Coding Untuk User Interface Pada Detail Rapor



Gambar 4.69. Coding Untuk Detail Mata Pelajaran

Gambar 4.70. Coding Untuk User Interface Pada Detail Mata Pelajaran