Coding

1.   **Login User**

```
<!DOCTYPE html>
<html lang="en">
<head>

        <meta charset="utf-8">
        <meta http-equiv="X-UA-Compatible" content="IE=edge">
        <meta name="viewport" content="width=device-width,
        initial-scale=1">
        <title>Sistem Informasi Diagnosa Kebutuhan Gizi</title>

        <!-- Global stylesheets -->
        <link
        href="https://fonts.googleapis.com/css?family=Roboto:400,30
        0,100,500,700,900" rel="stylesheet" type="text/css">
        <link
        href="<?=base_url()?>appsources/css/icons/icomoon/styles.cs
        s" rel="stylesheet" type="text/css">
        <link href="<?=base_url()?>appsources/css/bootstrap.css"
        rel="stylesheet" type="text/css">
        <link href="<?=base_url()?>appsources/css/core.css"
        rel="stylesheet" type="text/css">
        <link href="<?=base_url()?>appsources/css/components.css"
        rel="stylesheet" type="text/css">
        <link href="<?=base_url()?>appsources/css/colors.css"
        rel="stylesheet" type="text/css">
        <!-- /theme JS files -->

</head>
<body class="login-container">
        <!-- Page container -->
        <div class="page-container">
            <!-- Page content -->
            <div class="page-content">
                    <!-- Main content -->
                    <div class="content-wrapper">
```

L5-1

```html
<!-- Content area -->
<div class="content">
    <!-- Simple login form -->
    <form method="POST" id="login">
        <div class="panel panel-body login-form">
            <div class="text-center">
                <div class="icon-object border-slate-300 text-slate-300"><i class="icon-folder-plus2"></i></div>
                <h5 class="content-group">Login to your account <small class="display-block">Enter your credentials below</small></h5>
            </div>
            <div class="form-group has-feedback has-feedback-left">
                <input name="username" type="text" class="form-control" placeholder="Username" required >
                <div class="form-control-feedback">
                    <i class="icon-user text-muted"></i>
                </div>
            </div>
            <div class="form-group has-feedback has-feedback-left">
                <input name="password" type="password" class="form-control" placeholder="Password" required>
                <div class="form-control-feedback">
                    <i class="icon-lock2 text-muted"></i>
```

```html
            </div>
        </div>

                        <div class="form-group">

        <button type="submit" class="btn bg-pink-400 btn-
block">Sign in <i class="icon-circle-right2 position-
right"></i></button>
        </div>

                                    <div
class="text-center">


        <a href="<?=base_url()?>auth/register">Register
Now</a>
        </div>

                                        </div>
                    </form>

                    <!-- /simple login form --
>

                    <!-- Footer -->
                    <div class="footer text-
muted text-center">
                                    &copy;
<?=date("Y")?>. <a href="#">Sistem Informasi Diagnosa
Kebutuhan Gizi</a> by <a
href="http://themeforest.net/user/Kopyov"
target="_blank">Rosita Dewi</a>
                                    </div>
                                    <!-- /footer -->

                        </div>
                        <!-- /content area -->

                </div>
                <!-- /main content -->

        </div>
        <!-- /page content -->
```

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```
            </div>
            <!-- /page container -->

            <script type="text/javascript"
            src="<?=base_url()?>appsources/js/core/libraries/jquery.min.j
            s"></script>
            <!-- /global stylesheets -->

            <!-- Core JS files -->
            <script type="text/javascript"
            src="<?=base_url()?>appsources/js/plugins/loaders/pace.min.j
            s"></script>
            <script type="text/javascript"
            src="<?=base_url()?>appsources/js/core/libraries/bootstrap.mi
            n.js"></script>
            <script type="text/javascript"
            src="<?=base_url()?>appsources/js/plugins/loaders/blockui.m
            in.js"></script>
            <!-- /core JS files -->

            <!-- Theme JS files -->
            <script type="text/javascript"
            src="<?=base_url()?>appsources/js/core/app.js"></script>

            <script type="text/javascript"
            src="<?=base_url()?>appsources/js/plugins/ui/ripple.min.js">
            </script>
            <script type="text/javascript"
            src="<?=base_url()?>appsources/js/default.js"></script>
            <script type="text/javascript"
            src="<?=base_url()?>appsources/js/auth.js"></script>
    </body>
    </html>
```

2. Dashboard User (Form Diagnosis) fungsi pada ketentuan status gizi

```
<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Dashboard extends MX_Controller {

        /**
```

```
 * Index Page for this controller.
 *
 * Maps to the following URL
 *                http://example.com/index.php/welcome
 *      - or -
 *                http://example.com/index.php/welcome/index
 *      - or -
 * Since this controller is set as the default controller in
 * config/routes.php, it's displayed at http://example.com/
 *
 * So any other public methods not prefixed with an underscore
will
 * map to /index.php/welcome/<method_name>
 * @see https://codeigniter.com/user_guide/general/urls.html
 */
public function __construct()
{
        parent::__construct();
        // Your own constructor code
        if(!$this->session->userdata("username")){
                header("location:".base_url()."auth/login");
        }
}
public function front()
{
        $this->layout->content('front');
}
public function news()
{
        $this->layout->content('dashboard');
}
public function read($artikel_id = null)
{
        $data["artikel_id"] = $artikel_id;
        $this->layout->content('read',$data);
}
```

6.5

```
function statusGizi($imt = 0, $status_gizi = null){
        if((int)$imt < (int)17.5){
                $status_gizi = "Sangat Kurus";
        }
```

```php
                if((int)$imt >= (int)17.5 AND (int)$imt <= (int)18.5){
                        $status_gizi = "Kurus";
                }

                if((int)$imt > (int)18.5 AND (int)$imt <= (int)25){
                        $status_gizi = "Normal";
                }

                if((int)$imt > (int)25 AND (int)$imt <= (int)27){
                        $status_gizi = "Gemuk (Overweight)";
                }

                if((int)$imt > (int)27){
                        $status_gizi = "Obesitas";
                }

                return $status_gizi;
        }

        function hitung_umur($tanggal_lahir) {
                list($year,$month,$day) = explode("-",$tanggal_lahir);
                $year_diff  = date("Y") - $year;
                $month_diff = date("m") - $month;
                $day_diff   = date("d") - $day;
                if ($month_diff < 0) $year_diff--;
                        elseif (($month_diff==0) && ($day_diff < 0))
$year_diff--;
                return $year_diff;
        }

        function getFaktorUsia($umur,$bmr){
                if($umur > 0 AND $umur < 40){
                        $faktor_usia = ($bmr * 0)/100;
                }
                if($umur >= 40 AND $umur < 60){
                        $faktor_usia = ($bmr * 5)/100;
                }
                if($umur >= 60 AND $umur < 70){
                        $faktor_usia = ($bmr * 10)/100;
                }
                if($umur >= 70){
                        $faktor_usia = ($bmr * 15)/100;
                }
```

L5-6

```php
                return $faktor_usia;
        }

        function getFaktorAktifitas($aktifitas,$bmr){
                if($aktifitas == "bedrest"){
                        $faktor_aktifitas = ($bmr * 10)/100;
                }
                if($aktifitas == "ringan"){
                        $faktor_aktifitas = ($bmr * 20)/100;
                }
                if($aktifitas == "sedang"){
                        $faktor_aktifitas = ($bmr * 30)/100;
                }
                if($aktifitas == "berat"){
                        $faktor_aktifitas = ($bmr * 40)/100;
                }

                return $faktor_aktifitas;
        }

        function penyamaanDietKalori($energi){
                if($energi < 1200){
                        $kalori = 1100;
                }
                if($energi > 1200 AND $energi <= 1400){
                        $kalori = 1300;
                }
                if($energi > 1400 AND $energi <= 1600){
                        $kalori = 1500;
                }
                if($energi > 1600 AND $energi <= 1800){
                        $kalori = 1700;
                }
                if($energi > 1800 AND $energi <= 2000){
                        $kalori = 1900;
                }
                if($energi > 2000 AND $energi <= 2200){
                        $kalori = 2100;
                }
                if($energi > 2200 AND $energi <= 2400){
                        $kalori = 2300;
                }
```

```php
                    if($energi > 2400){
                            $kalori = 2500;
                    }

                    return $kalori;
            }

    function getTekananDarah($sistorik,$diatolik){
                    if($sistorik<120 AND $diatolik <80){
                            $tekananDarah = "Normal";
                            $jenisDiet = "Diet Garam Rendah III";
                    }

                    if($sistorik >= 120 AND $sistorik < 140 OR $diatolik
>= 80 AND $diatolik < 90){
                            $tekananDarah = "Prehipertensi";
                            $jenisDiet = "Diet Garam Rendah III";
                    }

                    if($sistorik >= 140 AND $sistorik < 160 OR $diatolik
>= 90 AND $diatolik < 100){
                            $tekananDarah = "Hipertensi stadium 1";
                            $jenisDiet = "Diet Garam Rendah II";
                    }

                    if($sistorik >= 160 OR $diatolik >= 100){
                            $tekananDarah = "Hipertensi stadium 2";
                            $jenisDiet = "Diet Garam Rendah I";
                    }

                    return array($tekananDarah,$jenisDiet);
            }

    function hitungIMT(){
                    $username = $this->session->userdata("username");

    list($fullname,$jenis_kelamin,$birth_dttm,$jenis_kelamin)=$this-
>ModelUsers->getUserData($username);
                    if($_POST["tinggi"] != "" OR $_POST["berat"] != ""){

                            $berat              = $_POST["berat"];
                            $tinggi     = ($_POST["tinggi"]/100);
                            $aktifitas = $_POST["aktifitas"];
```

L5-8

```php
                                $umur                = $this-
>hitung_umur($birth_dttm);

                                if($jenis_kelamin == "pria"){
                                        $bbi = ($_POST["tinggi"]-100)-
(($_POST["tinggi"] - 100) * 10/100);
                                        $bmr = (int)30 * (int)$bbi;
                                }

                                if($jenis_kelamin == "wanita"){
                                        $bbi = ($_POST["tinggi"]-100)-
(($_POST["tinggi"] - 100) * 15/100);
                                        $bmr = (int)25 * (int)$bbi;
                                }

                                $faktor_usia                = $this-
>getFaktorUsia($umur,$bmr);
                                $faktor_aktifitas        = $this-
>getFaktorAktifitas($aktifitas,$bmr);
                                $energi = ($bmr+$faktor_aktifitas)-
$faktor_usia;


                                $imt = $berat / pow($tinggi,2);

                                $status_gizi = $this->statusGizi($imt);

                                $kalori = $this-
>penyamaanDietKalori($energi);
                                $protein = ((15/100)*$kalori)/4;
                                $lemak = ((25/100)*$kalori)/9;
                                $karbohidrat = ((60/100)*$kalori)/4;
                                $tekananDarah = "";
                                if(isset($_POST["sistorik"]) AND
$_POST["diatolik"]){

        list($tekananDarah,$jenisDiet)=$this-
>getTekananDarah($_POST["sistorik"],$_POST["diatolik"]);
                                        $tekananDarah = "<tr><td
class='bg-blue'>Tekanan Darah</td><td style='text-
transform:capitalize'>".$tekananDarah."</td></tr>";
                                        $tekananDarah .= "<tr><td
class='bg-blue'>Jenis Diet</td><td style='text-
transform:capitalize'>".$jenisDiet."</td></tr>";
                                }
```

```php
$ret = '
<div class="col-lg-6">
    <div class="panel panel-flat">
        <div class="panel-heading">
            <h5 class="panel-title text-bold">Hasil Perhitungan Kebutuhan Gizi</h5>
            <hr>
        </div>
        <div class="panel-body">
            <div class="table-responsive">
                <table class="table">
                    <tbody>
                        <tr>
                            <td class="bg-blue">Nama</td><td>'.$fullname.'</td>
                        </tr>
                        <tr>
                            <td class="bg-blue">Usia</td><td>'.$umur.' Tahun</td>
                        </tr>
                        '.$tekananDarah.'
                        <tr>
                            <td class="bg-blue">Jenis Kelamin</td><td style="text-transform:capitalize">'.$jenis_kelamin.'</td>
                        </tr>
                        <tr>
```

L5-10

<td class="bg-blue">IMT</td><td>'.number_format($imt,2).'</td>

</tr>

<tr>

<td class="bg-blue">Status Gizi</td><td>'.$status_gizi.'</td>

</tr>

<tr>

<td class="bg-blue">BBI</td><td>'.number_format($bbi,2).'</td>

</tr>

<tr>

<td class="bg-blue">Kebutuhan Energi</td><td>'.number_format($kalori).' kkal</td>

</tr>

<tr>

<td class="bg-blue">Kebutuhan Protein</td><td>'.number_format($protein,2).' gram</td>

</tr>

<tr>

<td class="bg-blue">Kebutuhan Lemak</td><td>'.number_format($lemak,2).' gram</td>

</tr>

<tr>

L5-11

```
                    <td class="bg-blue">Kebutuhan
Karbohidrat</td><td>'.number_format($karbohidrat,2).' gram</td>

        </tr>

            <tr><td colspan="2"><button type="button" class="btn
btn-success" data-toggle="modal" data-target="#modal_large">Lihat Menu
Diet</button>'

            . ' <button type="button" class="btn btn-warning" data-
toggle="modal" data-target="#modal_large_2">Lihat Saran
Makanan</button></td></tr>

        </tbody>
        </table>

                                                    </div>
                                            </div>
                                    </div>
                            </div>';

                            $sql        = "SELECT a.*, b.waktu_name
FROM `menu_diet_item` as a
                            LEFT JOIN waktu as b on b.waktu_id =
a.waktu
                            WHERE a.jenis = '$_POST[jenis]'";
                            $query      = $this->db->query($sql);
                            $retwaktu = "";
                            if($query->num_rows()>0){
                                    $tmpwaktu = 0;
                                    foreach($query->result() as $row){
                                            $sql        = "SELECT *
FROM `menu_diet` WHERE kalori = '$kalori' AND item_id = '$row-
>item_id' AND jenis = '$_POST[jenis]'";
                                            $query      = $this->db-
>query($sql);
                                            if($query-
>num_rows()>0){
                                                    $row2       =
$query->row();
                                                    $porsi      =
$row2->porsi;
                                            }else{
```

L5-12

```
                                                                $porsi      = "-";
                                                            }
                                                            if($tmpwaktu<>$row-
>waktu){
                                                                $retwaktu .=
"<tr><th colspan='2' class='btn-primary'>$row->waktu_name</th><th
class='btn-primary'>Porsi</th></tr>";
                                                                $tmpwaktu =
$row->waktu;
                                                                $no = 1;
                                                            }
                                                            $retwaktu .=
"<tr><td>$no</td><td>$row->item_name</td><td>$porsi</td></tr>";
                                                            $no++;
                                        }
                            }else{
                                        $retwaktu = "<table
class='table'><tbody><tr><td>Belum Di Set</td></tr></tbody></table>";
                            }
                            $sql = "";
                            $retbahanmakanan = '
                            <div id="modal_large" class="modal fade"
tabindex="-1"> modal-
                                                            <div class="modal-dialog
lg"> class="modal-
                                                                <div
content">
                                                                            <div
class="modal-header">

        <h5 class="modal-title">Saran Menu Diet</h5>

        <button type="button" class="close" data-
dismiss="modal">&times;</button>
        </div>
                                                                            <div
class="table-responsive">

        <table class="table">

                <tbody>
```

L5-13

```
                              '.$retwaktu.'

                  </tbody>

        </table>
        </div>

                                                    </div>
                                        </div>
                              </div>
                      </div>';

                      $sql        = " SELECT a.* FROM
saran_bahan_makanan as a "
                                        . " WHERE a.jenis =
'$_POST[jenis]'"
                                        . " order by saran_id asc";
                      $query      = $this->db->query($sql);
                      $ret3       = "";
                      if($query->num_rows()>0){
                              $no = 1;
                              foreach($query->result() as $row){
                                        $ret3 .=
"<tr><td>$no</td><td>$row->bahan_makanan</td>"
                                                    . "<td>$row-
>dianjurkan</td>"
                                                    . "<td>$row-
>tidak_dianjurkan</td>";
                                        $no++;
                              }
                      }

                      $retsaran = '<div id="modal_large_2"
class="modal fade" tabindex="-1">
                                        <div class="modal-dialog
modal-lg">
                                                    <div
class="modal-content">
                                                                <div
class="modal-header">

          <h5 class="modal-title">Saran Menu Diet</h5>
```

```
        <button type="button" class="close" data-
dismiss="modal">&times;</button>
        </div>
                                                            <div
class="table-responsive">

        <table class="table">

                <tbody>

                        <thead>

                                <th>No</th>

                                <th>Bahan Makanan</th>

                                <th>Dianjurkan</th>

                                <th>Tidak Dianjurkan</th>

                        </thead>

                        '.$ret3.'

                </tbody>

        </table>
        </div>
                                                    </div>
                                        </div>
                                <div>
                        </div>';

                        echo $ret.$retbahanmakanan.$retsaran;
                }else{
                        echo "";
                }
                return;
        }
}
```

3. Front(depan) pada user form input diagnosis pada user

```
<div class="panel panel-flat col-lg-6">

    <div class="panel-heading">

        <h5 class="panel-title text-bold">Perhitungan
Kebutuhan Gizi</h5>

        <hr>

    </div>

    <div class="panel-body">

        <form class="form-horizontal"
method="POST" id="gizi">

            <fieldset class="content-group">

                <div class="form-group">

                    <label
class="control-label">Tinggi Badan (cm)</label>

                    <input
type="number" class="form-control" name="tinggi">

                </div>


                <div class="form-group">

                    <label
class="control-label">Berat Badan (Kg)</label>

                    <input
type="number" class="form-control" name="berat">

                </div>
```

L5-16

```html
                                    <div class="form-group">
                                        <label>Jenis
Penyakit</label>

                                        <select required
class="select" id="jenis" name="jenis"
onchange="cekJenis()">


        <option value="Diabetes">Diabetes</option>


        <option value="Hipertensi">Hipertensi</option>

                                        </select>

                                    </div>
                                    <div
id="tensidarah"></div>



                                    <div class="form-group">


        <label>Aktifitas</label>

                                        <select required
class="select" id="aktifitas" name="aktifitas">

        <option value="bedrest">Bedrest - Membutuhkan
Istirahat</option>


        <option value="ringan">Ringan - Tirah baring atau
lumpuh (tidak melakukan aktifitas apapun) </option>


        <option value="sedang">Sedang - Bisa melakukan
aktivitas seperti biasa</option>
```

```
            <option value="berat">Berat - Pekerja keras seperti kuli
bangunan</option>

                                    </select>

                        </div>

                                    <div class="form-group"
id="btngizi">

                                        <button
type="submit" class="btn btn-primary">Submit <i
class="icon-arrow-right14 position-right"></i></button>

                                    </div>

                            </fieldset>

                    </form>

            </div>

        </div>

    <div id="resultajax">

    </div>

    <script>

        function cekJenis(){

                if($("#jenis").val() == "Hipertensi"){

                        $("#tensidarah").html('<div
class="row"><div class="form-group col-lg-5">'

                        +'<label>Sistorik</label>'
```

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```
                    +'<input id="sistorik" name="sistorik"
        class="form-control" onkeypress="return
        isNumberKey(event)"/>'

                    +'</div><div class="col-lg-2">/</div>'

                    +'<div class="form-group col-lg-5">'

                    +'<label>Diatolik</label>'
                              +'<input id="diatolik"
        name="diatolik" class="form-control" onkeypress="return
        isNumberKey(event)"/></div></div>');

                    }else{

                              $("#tensidarah").html("");

                    }

            }

            function isNumberKey(evt){

                    var charCode = (evt.which) ? evt.which :
        event.keyCode

                    if (charCode > 31 && (charCode < 48 ||
        charCode > 57))

                              return false;

                    return true;

            }

        </script>
```

4.   Dashboard Admin

```
<?php
```

```php
defined('BASEPATH') OR exit('No direct script access allowed');

class Dashboard extends MX_Controller {

    /**
     * Index Page for this controller.
     *
     * Maps to the following URL
     *
     http://example.com/index.php/welcome
     *          - or -
     *
     http://example.com/index.php/welcome/index
     *          - or -
     * Since this controller is set as the default controller in
     * config/routes.php, it's displayed at
     http://example.com/
     *
     * So any other public methods not prefixed with an underscore will
     * map to /index.php/welcome/<method_name>
     * @see
     https://codeigniter.com/user_guide/general/urls.html
     */
    public function __construct()
    {
            parent::__construct();
            // Your own constructor code
            if(!$this->session->userdata("useradmin")){

    header("location:".base_url()."auth/login");
            }
            $this->load->helper(array('form', 'url'));
            $this->load->library('form_validation');
    }

    public function front()
    {
            $this->layout->content('front');
    }

    public function artikel()
```

```php
            {
                    $this->layout->content('artikel');
            }

    public function menu()
    {
                    $this->layout->content('menu');
    }

    function waktu(){
                    $this->layout->content('waktu');
    }

    function saran(){
                    $this->layout->content('saran');
    }

    function addartikel(){
                    $this->layout->content('addartikel');
    }

    function deleteartikel($artikel_id = null){
                    $select = "SELECT image FROM artikel
WHERE artikel_id = ?";
                    $query2  = $this->db-
>query($select,array($artikel_id));
                    $row = $query2->row();
                    unlink(base_url()."appsources/images/".$row-
>image);
                    $sql     = "DELETE FROM artikel
WHERE artikel_id = ?";
                    $query   = $this->db-
>query($sql,array($artikel_id));

    header("location:".base_url()."dashboard/artikel");
    }

    function saveartikel(){
                    if (isset($_POST['upload'])) {
                            $config['upload_path']      =
'./appsources/images';
                            $config['allowed_types']    =
'gif|jpg|png|pdf|doc';
```

L5-21

```php
                            $config['max_size']        = 1000;
                            $config['max_width']       =
1024;
                            $config['max_height']      = 768;

            $this->load->library('upload', $config);

                            if ( ! $this->upload-
            >do_upload('image'))
                            {

                                    $this->form_validation-
            >set_error_delimiters('<p class="error">', '</p>');
                                    $error = array('error' =>
            $this->upload->display_errors());


    header("location:".base_url()."dashboard/artikel");
                            }
                            else
                            {
                                    $data          =
            array('upload_data' => $this->upload->data());
                                    $image         =
            $data['upload_data']["file_name"];
                                    $query     = $this->db-
            >query("INSERT INTO artikel (judul,isi,image) VALUE
            ('$_POST[judul]','$_POST[editor]','$image')");
                                    if($query){

    header("location:".base_url()."dashboard/artikel");
                                    }
                            }
                    }else{

    header("location:".base_url()."dashboard/artikel");
                    }
            }

            function editsaran($saran_id = null){
                    $data["saran_id"] = $saran_id;
                    $this->layout->content('editsaran',$data);
            }
```

```php
        function deleteitem($item_id = null){
                $sql     = "DELETE FROM
menu_diet_item WHERE item_id = '$item_id'";
                $query   = $this->db->query($sql);
                if($query){

        header("location:".base_url()."dashboard/menu");
                }else{

        header("location:".base_url()."dashboard/menu");
                }
        }

        function addWaktu(){
                $waktu_id = $this->getWaktuId();
                $data = array(
                        "waktu_id" => $waktu_id,
                        "waktu_name" =>
$_POST["waktu"]
                );

                $query = $this->db->insert("waktu",$data);
                if($query){
                        echo "sukses";
                        return;
                }else{
                        echo "error";
                        return;
                }
        }


        function deleteWaktu(){
                $sql     = "DELETE  FROM waktu
WHERE waktu_id = ?";
                $query   = $this->db-
>query($sql,array($_POST["waktu_id"]));
                if($query){
                        echo "sukses";
                        return;
                }else{
                        echo "error";
                        return;
```

```php
						}
				}

		function updatesaran(){
				if(isset($_POST["saran_id"])){
						$data = array(

	"bahan_makanan"=>$_POST["bahan_makanan"],
									"dianjurkan"		=>
	$_POST["dianjurkan"],

									"tidak_dianjurkan" =>
	$_POST["tidak_dianjurkan"]
								);

							$this->db-
	>where("saran_id",$_POST["saran_id"]);
							$query = $this->db-
	>update("saran_bahan_makanan", $data);
							if($query){
									echo "sukses";
									return;
							}else{
									echo "error";
									return;
							}
				}
		}


		function addsaran(){
				if(isset($_POST["bahan_makanan"])){
						$data = array();

	for($i=0;$i<count($_POST["bahan_makanan"]);$i++){
							$data[] = array(
									"saran_id"=>"",

	"bahan_makanan"=>$_POST["bahan_makanan"][$i],
										"dianjurkan"
	=> $_POST["dianjurkan"][$i],
		"tidak_dianjurkan" =>
	$_POST["tidak_dianjurkan"][$i],

									"jenis"		=>
	$_POST["jenis"]

						L5-24
```

```
                                                );
                                }

                                $query = $this->db-
        >insert_batch("saran_bahan_makanan", $data);
                                if($query){
                                        echo "sukses";
                                        return;
                                }else{
                                        echo "error";
                                        return;
                                }
                        }
                }


        function addMenuItem(){
                if(isset($_POST["makanan"])){
                        $data = array();

                for($i=0;$i<count($_POST["makanan"]);$i++){
                                $data[] = array(
                                        "item_id"=>"",

                "item_name"=>$_POST["makanan"][$i],
                                                "waktu"  =>
        $_POST["waktu"],

                                                "jenis"  =>
        $_POST["jenis"]
                                );
                        }


                        $query = $this->db-
        >insert_batch("menu_diet_item", $data);
                                if($query){
                                        echo "sukses";
                                        return;
                                }else{
                                        echo "error";
                                        return;
                                }
                }
        }
```

```php
function formPorsi(){
        if(isset($_POST["kalori"]) AND
isset($_POST["jenis"])){
                $sql        = "SELECT * FROM
menu_diet WHERE kalori = '$_POST[kalori]' AND jenis =
'$_POST[jenis]'";
                $query      = $this->db->query($sql);
                $arrmenu = array();
                if($query->num_rows()>0){
                        foreach($query->result()
as $row){
                                $arrmenu[$row-
>item_id] = $row->porsi;
                        }
                }
                $sql        = " SELECT * FROM
menu_diet_item as a "
                . " LEFT JOIN waktu as b on
b.waktu_id = a.waktu"
                . " WHERE jenis =
'$_POST[jenis]'"
                . " order by waktu asc";
                $query      = $this->db->query($sql);
                $ret = "";
                if($query->num_rows()>0){
                        $waktu_tmp = "";
                        foreach($query->result()
as $row){

    if($waktu_tmp<>$row->waktu){
                                                $no =
0;
                                                $ret .=
"<tr><th colspan='2'><b>$row-
>waktu_name</b></th></tr>"

        .
"<tr><th>No</th><th>Menu</th><th>Porsi</th></tr>";

    $waktu_tmp = $row->waktu;
                                        }

    if(isset($arrmenu[$row->item_id])){
```

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```
                                                                $porsi
= $arrmenu[$row->item_id];
                                                }else{
                                                                $porsi
= "";
                                                }
                                                $no++;
                                                $ret .=

"<tr><th>$no</th><th>$row->item_name</th><th><input
name='porsi[]' value='$porsi' width='70px' class='form-
control'/><input name='item_id[]' value='$row->item_id'
width='70px' type='hidden'/></th></tr>";
                                        }
                                }
                        }
                        $table = '
                                <div class="panel panel-flat">
                                        <div class="panel-
heading">
                                                <h5
class="panel-title text-bold">Menu Diet
'.$_POST["jenis"].'</h5>
                                                <hr>
                                        </div>
                                        <div class="panel-body">
                                                <div
class="table-responsive">

                                                        <form
id="postPorsi">

        <input type="hidden" name="jenis"
value="'.$_POST["jenis"].'"/>

        <input type="hidden" name="kalori"
value="'.$_POST["kalori"].'"/>

        <table class="table table-striped">

                <tbody>

                        '.$ret.'
```

```
<tr><td>

<button class="btn btn-primary right">Simpan</button></td></tr>

</tbody>

</table>
</form>

</div>
</div>
</div>
<script>

$("#postPorsi").submit(function(event) {
event.preventDefault();
var form = $("#postPorsi");

$.ajax({
type : "POST",
url : toUrl+"/admin/dashboard/savePorsi",
data : form.serialize(),
//
dataType: "json",
success: function(data){

alert(data);

return;


},error: function(xhr, ajaxOptions, thrownError){
alert(xhr.responseText);
}
});
});
```

```php
                              </script>
                ';
                echo $table;
    }

    function savePorsi(){
            if(count($_POST["item_id"])>0){
                    $sql    = "SELECT * FROM
menu_diet WHERE kalori = '$_POST[kalori]' AND jenis =
'$_POST[jenis]'";
                    $query  = $this->db->query($sql);
                    if($query->num_rows()>0){
                            $this->db->where('kalori',
$_POST["kalori"]);

                            $this->db->where('jenis',
$_POST["jenis"]);

                            $this->db-
>delete('menu_diet');

                    }
                    $data = array();

        for($i=0;$i<count($_POST["item_id"]);$i++){
                            $data[] = array(
                                    "diet_id" => "",
                                    "kalori" =>
$_POST["kalori"],

                                    "jenis" =>
$_POST["jenis"],

                                    "item_id" =>
$_POST["item_id"][$i],

                                    "porsi" =>
$_POST["porsi"][$i]
                                    );
                    }


                    $query = $this->db-
>insert_batch("menu_diet",$data);
                    if($query){
                            echo "sukses";
                            return;
                    }else{
                            echo "error";
                            return;
```

```
                                    }
                            }
                    }

        function getWaktuId(){
                        $initiatx = "WKT";
                        $month  = date("m");
                        $day    = date("d");
                        $year   = date("y");
                        $sql    = "SELECT left(a.waktu_id,2) as
        fmonth, mid(a.waktu_id,3,2) as fday,"
                                          . " mid(a.waktu_id,5,2) as
        fyear, mid(a.waktu_id,7,3) as initiat,"
                                          . " right(a.waktu_id,4) as
        fno FROM waktu AS a"
                                          . " where
        left(a.waktu_id,2) = '$month' and mid(a.waktu_id,3,2) =
        '$day'"
                                          . " and
        mid(a.waktu_id,5,2) = '$year' and mid(a.waktu_id,7,3)=
        '$initiatx'"
                                          . " order by fmonth desc,
        CAST(fno AS SIGNED) DESC LIMIT 1";

                        $result = $this->db->query($sql);

                        if($result->num_rows($result) > 0) {
                                $row = $result->row();
                                $initiat = $row->initiat;
                                $fyear = $row->fyear;
                                $fmonth = $row->fmonth;
                                $fday = $row->fday;
                                $fno = $row->fno;
                                $fno++;
                        } else {
                                $initiat = $initiatx;
                                $fyear  = $year;
                                $fmonth  = $month;
                                $fday    = $day;
                                $fno    = 0;
                                $fno++;
                        }

                        if (strlen($fno)==1){

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```

```php
                              $strfno = "000".$fno;
                    } else if (strlen($fno)==2){
                              $strfno = "00".$fno;
                    } else if (strlen($fno)==3){
                              $strfno = "0".$fno;
                    } else if (strlen($fno)==4){
                              $strfno = $fno;
                    }

                    $waktu_id =
        $month.$day.$year.$initiat.$strfno;

                    return $waktu_id;
            }

        }
```

5.   Edit Saran Bahan Makanan (admin)

```php
        <?php

        $sql          = " SELECT a.* FROM
        saran_bahan_makanan as a "

            . " WHERE a.saran_id = '$saran_id'";

        $query        = $this->db->query($sql);

        $bahan_makanan = "";

        $dianjurkan = "";

        $tidak_dianjurkan = "";

        if($query->num_rows()>0){

          $row = $query->row();

          $bahan_makanan = $row->bahan_makanan;

          $dianjurkan = $row->dianjurkan;

          $tidak_dianjurkan = $row->tidak_dianjurkan;

        }

        ?>
```

```html
<div class="row">

        <div class="col-lg-7">

                <div class="panel panel-flat">

        <div class="panel-body">

            <form id="updatesaran">

                <div class="col-lg-12">


                    <div class="form-group">

                        <label>Bahan Makanan</label>

                        <input class="form-control"
value="<?=$bahan_makanan?>" type="text"
name="bahan_makanan" required/>

                        <input class="form-control"
value="<?=$saran_id?>" type="hidden" name="saran_id"
required/>

                    </div>

                </div>

                <div class="col-lg-12">


                    <div class="form-group">

                        <label>Yang Dianjurkan</label>

                        <textarea class="form-control" type="text"
name="dianjurkan" required><?=$dianjurkan?></textarea>

                    </div>

                </div>
```

```
                  <div class="col-lg-12">

                      <div class="form-group">

                          <label>Yang Tidak Dianjurkan</label>

                          <textarea class="form-control" type="text"
name="tidak_dianjurkan"
required><?=$tidak_dianjurkan?></textarea>

                      </div>

                  </div>

                  <button class="btn btn-
primary">Simpan</button>

                  <a href="<?=base_url()?>dashboard/saran"
class="btn btn-default">Back</a>

                  </form>

              </div>

          </div>

          </div>

      </div>
```

6.   Ketentuan kalori (admin)
```php
<?php
        $arrkalori = array(
                "1100"=>"1100 kkal",
                "1300"=>"1300 kkal",
                "1500"=>"1500 kkal",
                "1700"=>"1700 kkal",
                "1900"=>"1900 kkal",
                "2100"=>"2100 kkal",
                "2300"=>"2300 kkal",
                "2500"=>"2500 kkal");
```

```php
$optwaktu   = "<option value=''>Pilih Kebutuhan Kalori</option>";
if(count($arrkalori)>0){
   $no = 0;
   foreach($arrkalori as $value =>$row){
      $no++;
      $optwaktu .= "<option value='$value'>$row</option>";
   }
      }

      $sql     = " SELECT * FROM menu_diet_item as a "
                     . " LEFT JOIN waktu as b on b.waktu_id =
a.waktu"
                     . " WHERE jenis = 'Diabetes'"
                     . " order by waktu asc";
      $query   = $this->db->query($sql);
   $ret    = "";
   if($query->num_rows()>0){
                  $waktu_tmp = "";
      foreach($query->result() as $row){
                     if($waktu_tmp<>$row->waktu){
                              $no = 0;
                              $ret .= "<tr><th
colspan='2'><b>$row->waktu_name</b></th></tr>";
                              $waktu_tmp = $row->waktu;
                     }
                     $no++;
                     $ret .= "<tr><th>$no</th><th>$row-
>item_name</th></tr>";
      }

         }
      $sql     = " SELECT * FROM menu_diet_item as a "
                     . " LEFT JOIN waktu as b on b.waktu_id =
a.waktu"
                     . " WHERE jenis = 'Hipertensi'"
                     . " order by waktu asc";
      $query   = $this->db->query($sql);
   $rethipe  = "";
   if($query->num_rows()>0){
                  $waktu_tmp = "";
      foreach($query->result() as $row){
                     if($waktu_tmp<>$row->waktu){
                              $no = 0;
```

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```php
                                    $rethipe .= "<tr><th
colspan='2'><b>$row->waktu_name</b></th></tr>";
                                    $waktu_tmp = $row->waktu;
                            }
                            $no++;
                            $rethipe .= "<tr><th>$no</th><th>$row-
>item_name</th></tr>";
    }

        }
?>
```

```html
<div class="row">
        <div class="col-lg-6">
                <div class="panel panel-flat">
                        <div class="panel-heading">
                                <h5 class="panel-title text-
bold">Set Menu Diet</h5>
                                <hr
                        </div>

                        <div class="panel-body">
                                <div class="col-lg-6">

                                        <div class="form-group">
        <label>Kebutuhan Kalori</label>
                                                <select
onChange="setPorsi()" class="form-control" id="kalori"
name="kalori"><?=$optwaktu?></select>

                                        </div>
                                </div>

                                <div class="col-lg-6">
                                        <div class="form-group">
                                                <label>Jenis
Penyakit</label>
                                                <select
onChange="setPorsi()" class="form-control" id="jenis"  name="jenis"
required>

        <option value="">Pilih Jenis Penyakit</option>

        <option value="Diabetes">Diabetes</option>
        <option value="Hipertensi">Hipertensi</option>
                                                </select>
```

```
                                        </div>
                            </div>
                    </div>
            </div>
    </div>

    <div class="col-lg-6" id="porsiDiet">
    </div>
</div>
```