



ADVANCED WEB JOBSHEET

INFORMATION TECHNOLOGY /

INFORMATICS ENGINEERING STUDY PROGRAMME

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MIDTERM EXAM

MEDICIO

A. Introduction

What is Medicio? Medicio is a web-based application that give us information about the medicine based of the category. So the user can search the medicine and the price they can buy in the official store.

For the admin side, they can manage the medicine or content inside the website. So this website is dynamic. Admin can change the product, description, category, and price inside it.

For the producing of Medicio website, we use php for the programming language, and CodeIgniter as the framework. We use Code Igniter Rest Server too.

B. Database Medicio

We have Medicio database with 3 tables

- Account table : is used to save data of account that decide by the role for admin and user
- Category table : is used to save data of category of medicine
- Medicine table : is used to save data of every medicine based of the category too

medicio account	
ID_ACCOUNT	int(11)
USERNAME	varchar(50)
PASSWORD	varchar(50)
EMAIL	varchar(50)
ROLE	varchar(2)

medicio medicine	
ID_MEDICINE	int(11)
ID_CATEGORY	int(11)
MED_NAME	varchar(50)
IMAGE	varchar(50)
PRICE	varchar(50)
DESC_MED	varchar(50)

medicio category	
ID_CATEGORY	int(11)
CAT_NAME	varchar(50)



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C. Configuration of Config in CI

Autoload.php

```
| $autoload['libraries'] = array('user_agent' => 'ua');  
*/  
$autoload['libraries'] = array('database','session','form_validation|');  
/*  
*/  
$autoload['helper'] = array('url');
```

Config.php

```
*/  
$config['base_url'] = 'http://localhost/medicio/';  
/*
```

Database.php

```
$db['default'] = array(  
    'dsn' => '',  
    'hostname' => 'localhost',  
    'username' => 'root',  
    'password' => '',  
    'database' => 'medicio',  
    'dbdriver' => 'mysqli',  
    'dbprefix' => '',
```



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D. Client Side

a. Code of views

Views/user/header.php //view for header page of user

For the header, it contains the feature of login and register too

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

<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="description" content="">
  <meta name="author" content="">

  <title>Medicio</title>

  <!-- CSS -->
  <link href="">?php echo base_url() >assets2/css/bootstrap.min.css" rel="stylesheet" type="text/css">
  <link href="">?php echo base_url() >assets2/font-awesome/css/font-awesome.min.css" rel="stylesheet" type="text/css" />
  <link href="">?php echo base_url() >assets2/css/nivo-lighthous.min.css" rel="stylesheet" type="text/css" />
  <link href="">?php echo base_url() >assets2/css/nivo-lighthous.min.css" rel="stylesheet" type="text/css" />
  <link href="">?php echo base_url() >assets2/css/owl.carousel.css" rel="stylesheet" media="screen" />
  <link href="">?php echo base_url() >assets2/css/owl.theme.css" rel="stylesheet" media="screen" />
  <link href="">?php echo base_url() >assets2/css/animate.css" rel="stylesheet" />
  <link href="">?php echo base_url() >assets2/css/style.css" rel="stylesheet">
  <link href="">?php echo base_url() >assets2/css/linija.css" rel="stylesheet">

  <!-- Body BG -->
  <link id="bodybg" href="">?php echo base_url() >assets2/css/bodybg/bg1.css" rel="stylesheet" type="text/css" />
  <!-- Template skin -->
  <link id="t-colors" href="">?php echo base_url() >assets2/css/default.css" rel="stylesheet">

</head>

<body id="page-top" data-spy="scroll" data-target=".navbar-custom">
  <div id="wrapper">
    <nav class="navbar navbar-custom navbar-fixed-top" role="navigation">
      <div class="top-area">
        <div class="container">
          <div class="row">
            <div class="col-sm-6 col-md-6">
              <div class="bold text-left">Jalan Soehatt ,Malang</div>
            </div>
            <div class="col-sm-6 col-md-6">
              <div class="bold text-right">Call us now +62 82 33889</div>
            </div>
          </div>
        </div>
      </div>
    </nav>
  </div>
  <div class="container navigation">
```



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```
<div class="navbar-header page-scroll">
  <button type="button" class="navbar-toggle" data-toggle="collapse" data-target=".navbar-main-collapse">
    <i class="fa fa-bars"></i>
  </button>
  <a class="navbar-brand" href="<?php echo base_url() ?>home">
    
  </a>
</div>

<!-- Collect the nav links, forms, and other content for toggling -->
<div class="collapse navbar-collapse navbar-right navbar-main-collapse">
  <ul class="nav navbar-nav">
    <li class=""><a href="<?php echo base_url() ?>index.php/user/home">Home</a></li>
    <li><a href="<?php echo base_url() ?>index.php/user/product">Products</a></li>
    <!-- <li><a href="#testimonial">Review</a></li>-->
  </ul>
  <?php
    if ($this->session->userdata('role') != '0') { ?>
      <li>
        <div class="dropdown" style="float:right;">
          <button class="button">Login</button>
          <div class="dropdown-content">
            <a onclick="document.getElementById('lg').style.display='block'" >Log in</a>
            <a onclick="document.getElementById('rg').style.display='block'" >Register</a>
          </div>
        </div>
      </li> <?php
    } else { ?>
      <li>
        <div class="dropdown" style="float:right;">
          <button class="button"><?php echo $this->session->userdata('user'); ?></button>
          <div class="dropdown-content">
            <a href="<?php echo base_url() ?>index.php/admin/account/logout" >Log out</a>
          </div>
        </div>
      </li>
    <?php
  }
  ?>
```



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```
<div id="lg" class="modal">
  <span onclick="document.getElementById('lg').style.display='none'" class="close" title="Close Modal"></span>
  <form class="modal-content animate" action="<?php echo base_url() ?>index.php/admin/account/loginAccount" method="POST">
    <div class="container">
      <h2><b>Login</b></h2>
      <label><b>Username</b></label> <br>
      <input type="text" placeholder="Enter Username" name="username" required>
      <br>
      <label><b>Password</b></label> <br>
      <input type="password" placeholder="Enter Password" name="pwd" required>
      <br>
      <div class="clearfix">
        <button type="button" onclick="document.getElementById('lg').style.display='none'" class="cancelbtn" style="color: white;">
          Cancel</button>
        <input type="submit" name="submit" class="lgbtn" style="color: white;" value="Login">
      </div>
    </div>
  </form>
</div>

<div id="rg" class="modal">
  <span onclick="document.getElementById('rg').style.display='none'" class="close" title="Close Modal"></span>
  <form class="modal-content animate" action="<?php echo base_url() ?>index.php/admin/account/addAccount" method="POST" action="/action_page.php">
    <div class="container">
      <h2><b>Register</b></h2>
      <label><b>Username</b></label> <br>
      <input type="text" placeholder="Enter Username" name="username" required>
      <br>
      <label><b>Email</b></label> <br>
      <input type="email" placeholder="Enter Username" name="email" required>
      <br>
      <label><b>Password</b></label> <br>
      <input type="password" placeholder="Enter Password" name="password" required>
      <br>
      <input type="text" name="role" value="0" style="display: none;">
      <div class="clearfix">
        <button type="button" onclick="document.getElementById('lg').style.display='none'" class="cancelbtn" style="color: white;">
          Cancel</button>
        <input type="submit" class="lgbtn" style="color: white;" name="submit" value="Register">
      </div>
    </div>
  </form>
</div>

<!-- /.navbar-collapse -->
</div>
```

View/user/footer.php //it contains a script code



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```
<a href="#" class="scrollup"><i class="fa fa-angle-up active"></i></a>

<!-- Core JavaScript Files -->
<script src="php echo base_url() ?&gt;assets2/js/jquery.min.js"&gt;&lt;/script&gt;
&lt;script src="<?php echo base_url() ?&gt;assets2/js/bootstrap.min.js"&gt;&lt;/script&gt;
&lt;script src="<?php echo base_url() ?&gt;assets2/js/jquery.easing.min.js"&gt;&lt;/script&gt;
&lt;script src="<?php echo base_url() ?&gt;assets2/js/wow.min.js"&gt;&lt;/script&gt;
&lt;script src="<?php echo base_url() ?&gt;assets2/js/jquery.scrollTo.js"&gt;&lt;/script&gt;
&lt;script src="<?php echo base_url() ?&gt;assets2/js/jquery.appear.js"&gt;&lt;/script&gt;
&lt;script src="<?php echo base_url() ?&gt;assets2/js/stellar.js"&gt;&lt;/script&gt;
&lt;script src="<?php echo base_url() ?&gt;assets2/plugins/cubeportfolio/js/jquery.cubeportfolio.min.js"&gt;&lt;/script&gt;
&lt;script src="<?php echo base_url() ?&gt;assets2/js/owl.carousel.min.js"&gt;&lt;/script&gt;
&lt;script src="<?php echo base_url() ?&gt;assets2/js/nivo-lightbox.min.js"&gt;&lt;/script&gt;
&lt;script src="<?php echo base_url() ?&gt;assets2/js/custom.js"&gt;&lt;/script&gt;
&lt;/script&gt;
var modal = document.getElementById('lg');
var modal2 = document.getElementById('rg');

window.onclick = function(event) {
    if (event.target == modal) {
        modal.style.display = "none";
    } else if (event.target == modal2) {
        modal.style.display = "none";
    }
}

&lt;/script&gt;
&lt;/body&gt;

&lt;/html&gt;</pre
```

Views/user/home



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```
<!-- Section: intro -->
<div class="alert alert-info" role="alert">
<?php
    if (isset($pesan)) {
        echo $pesan;
    } else {
        echo "";
    }
}
</div>
<section id="intro" class="intro">
<div class="intro-content">
<div class="container">
<div class="row">
<div class="col-lg-6">
<div class="wow fadeInDown" data-wow-offset="0" data-wow-delay="0.1s">
<h2 class="h-ultra">Medicio medical group</h2>
</div>
<div class="wow fadeInUp" data-wow-offset="0" data-wow-delay="0.1s">
<h4 class="h-light">Provide <span class="color">best quality healthcare</span> for you</h4>
</div>
<div class="well well-trans">
<div class="wow fadeInRight" data-wow-delay="0.1s">
<ul class="lead-list">
<li><span class="fa fa-check fa-2x icon-success"></span> <span class="list"><strong>Fastly to get your medicine</strong><br />
Anda akan dengan mudah mencari obat di Medicio </span></li>
<li><span class="fa fa-check fa-2x icon-success"></span> <span class="list"><strong>Easy to make an appoinment</strong><br />
Akan dengan mudah membuat perjanjian dengan dokter</span></li>
<li><span class="fa fa-check fa-2x icon-success"></span> <span class="list"><strong>Affordable service</strong><br>Mudah
mendapatkan pelayanan dengan harga terjangkau</span></li>
</ul>
</div>
</div>
</div>
</div>
</div>
</div>
</section>
<!-- Section: boxes -->
<section id="boxes" class="home-section paddingtop-80">
<div class="container">
<div class="row">
<div class="col-sm-3 col-md-3">
<div class="wow fadeInUp" data-wow-delay="0.2s">
<div class="box text-center">
```



```

<i class="fa fa-check fa-3x circled bg-skin"></i>
<h4 class="h-bold">Choose your Medicine Category</h4>
<i>
    Anda dapat memilih kategori obat yang Anda butuhkan sehingga pencarian akan lebih mudah
</i>
</div>
</div>
<div class="col-sm-3 col-md-3">
    <div class="wow fadeInUp" data-wow-delay="0.1s">
        <div class="box text-center">
            <i class="fa fa-list-alt fa-3x circled bg-skin"></i>
            <h4 class="h-bold">Find your medicine</h4>
            <i>
                Pilih obat yang Anda butuhkan dengan cepat
            </i>
        </div>
    </div>
</div>
<div class="col-sm-3 col-md-3">
    <div class="wow fadeInUp" data-wow-delay="0.1s">
        <div class="box text-center">
            <i class="fa fa-user-md fa-3x circled bg-skin"></i>
            <h4 class="h-bold">Looking the best price</h4>
            <i>
                Medicio memberikan penawaran harga terbaik dan terjangkau
            </i>
        </div>
    </div>
</div>
<div class="col-sm-3 col-md-3">
    <div class="wow fadeInUp" data-wow-delay="0.1s">
        <div class="box text-center">
            <i class="fa fa-hospital-o fa-3x circled bg-skin"></i>
            <h4 class="h-bold">Get your medicine</h4>
            <i>
                Pilih dan pilih obat yang Anda butuhkan, dapatkan pengobatan terbaik dari Medicio
            </i>
        </div>
    </div>
</div>
</div>
</section>

```




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```
<section id="callaction" class="home-section paddingtop-40">
  <div class="container">
    <div class="row">
      <div class="col-md-12">
        <div class="callaction bg-gray">
          <div class="row">
            <div class="col-md-8">
              <div class="wow fadeInUp" data-wow-delay="0.1s">
                <div class="cta-text">
                  <h3>In an emergency? Need help now?</h3>
                  <p>Silahkan Anda bisa chat WhatsApp untuk mendapatkan pelayanan terbaik </p>
                </div>
              </div>
            </div>
            <div class="col-md-4">
              <div class="wow lightSpeedIn" data-wow-delay="0.1s">
                <div class="cta-btn">
                  <a href="#whatsapp" class="btn btn-skin btn-lg">Help Center</a>
                </div>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</section>
<!-- Section: testimonial -->
<section id="testimonial" class="home-section paddingbot-60 parallax" data-stellar-background-ratio="0.5">

<div class="carousel-reviews broun-block">
  <div class="container">
    <div class="row">
      <div class="col-lg-8 col-lg-offset-2">
        <div class="wow lightSpeedIn" data-wow-delay="0.1s">
          <div class="section-heading text-center">
            <h2 style="color: aliceblue;">Review</h2>
          </div>
          </div>
          <div class="divider-short"></div>
        </div>
      </div>
      <div id="carousel-reviews" class="carousel slide" data-ride="carousel">
        <div class="carousel-inner">
```



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```
<section id="partner" class="home-section paddingbot-60">
  <div class="container marginbot-50">
    <div class="row">
      <div class="col-lg-8 col-lg-offset-2">
        <div class="wow lightSpeedIn" data-wow-delay="0.1s">
          <div class="section-heading text-center">
            <h2 class="h-bold">Our partner</h2>
          </div>
        </div>
        <div>
          <div class="divider-short"></div>
        </div>
      </div>
    </div>
  </div>

  <div class="container">
    <div class="row">
      <div class="col-sm-6 col-md-3">
        <div class="partner">
          <a href="#"></a>
        </div>
      </div>
      <div class="col-sm-6 col-md-3">
        <div class="partner">
          <a href="#"></a>
        </div>
      </div>
      <div class="col-sm-6 col-md-3">
        <div class="partner">
          <a href="#"></a>
        </div>
      </div>
      <div class="col-sm-6 col-md-3">
        <div class="partner">
          <a href="#"></a>
        </div>
      </div>
    </div>
  </div>
</section>
```



```
<footer>  
    <div class="container">  
        <div class="row">  
            <div class="col-sm-6 col-md-4">  
                <div class="wow fadeInDown" data-wow-delay="0.1s">  
                    <div class="widget">  
                        <h5>About Medicio</h5>  
                        <p>  
                            Website that provide doctor and medicine to help you  
                        </p>  
                    </div>  
                </div>  
                <div class="wow fadeInDown" data-wow-delay="0.1s">  
                    <div class="widget">  
                        <h5>Information</h5>  
                        <ul>  
                            <li><a href="?<php echo base_url() ?>index.php/user/home"&>Home</a></li>  
                            <li><a href="?<php echo base_url() ?>index.php/user/product"&>Products</a></li>  
                        </ul>  
                    </div>  
                </div>  
            </div>  
            <div class="col-sm-6 col-md-4">  
                <div class="wow fadeInDown" data-wow-delay="0.1s">  
                    <div class="widget">  
                        <h5>Medicio center</h5>  
                        <p>  
  
                        </p>  
                        <ul>  
                            <li>  
                                <span class="fa-stack fa-lg">  
                                    <i class="fa fa-circle fa-stack-2x"></i>  
                                    <i class="fa fa-calendar-o fa-stack-1x fa-inverse"></i>  
                                </span> Everyday , 8am to 10pm  
                            </li>  
                            <li>  
                                <span class="fa-stack fa-lg">  
                                    <i class="fa fa-circle fa-stack-2x"></i>  
                                    <i class="fa fa-phone fa-stack-1x fa-inverse"></i>  
                                </span> +62 82 3382289  
                            </li>  
                            <li>  
                                <span class="fa-stack fa-lg">  
                                    <i class="fa fa-circle fa-stack-2x"></i>  
                                    <i class="fa fa-envelope-o fa-stack-1x fa-inverse"></i>  
                                </span> medicio@gmail.com  
                            </li>  
                        </ul>  
                    </div>  
                </div>  
            </div>  
        </div>  
    </div>  
</body>  
</html>
```

Views/user/product.php



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```
<section id="intro" class="intro">
  <div class="intro-content">
    <div class="container">
      <div class="row">
        <div class="col-lg-7 center">
          <div class="form-wrapper">
            <div class="wow fadeInRight" data-wow-duration="2s" data-wow-delay="0.2s" style="width : 450px ; margin-left: 200px; margin-top: 70
px;">
              <div class="panel panel-skin">
                <div class="panel-heading">
                  <h3 class="panel-title"><span class="fa fa-pencil-square-o"></span> Choose Medicine Category</h3>
                </div>
                <div class="panel-body">
                  <form role="form" class="lead" action=" <?php echo base_url() ?>index.php/user/product/getbycat" method="POST">
                    <div class="row">
                      <div style="margin-left: 20px;">
                        <div class="form-group">
                          <select name="cat" class="form-control">
                            <?php
                              foreach($cat as $data){ // Lakukan looping pada variabel kelas dari controller
                                echo "
                                  <option value='".$data->ID_CATEGORY.'">".$data->CAT_NAME."
                                </option>";
                              }
                            </select>
                          </div>
                        </div>
                      <div>
                        <input type="submit" value="Submit" class="btn btn-skin btn-block " name="submit">
                      </div>
                    </form>
                  </div>
                </div>
              </div>
            </div>
          </div>
          <div class="col-lg-5">
            <div class="wow fadeInUp" data-wow-duration="2s" data-wow-delay="0.2s">
              
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</section>
```



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```
<section id="product" class="home-section nopadding paddingtop-60">
  <div class="container">

    <div class="row">
      <div class="col-lg-8 col-lg-offset-2">
        <div class="wow fadeInDown" data-wow-delay="0.1s">
          <div class="section-heading text-center">
            <h2 class="h-bold">Popular Products</h2>
          </div>
        </div>
        <div class="divider-short"></div>
      </div>
    </div>

    <?php
    foreach ($product as $result) {
      echo '
      <div class="col-sm-3 col-md-3" style="height:400px">
        <div class="wow fadeInUp" data-wow-delay="0.2s">
          <div class="box text-center">
            <a href="shop-single.html"> </a>
            <h3 class="text-dark">'. $result->MED_NAME .'</h3>
            <div style="margin-top:5px">
              <p class="price">'. $result->DESC_MED .'</p>
              <p class="price"><del>95.00</del> &mdash; '. $result->PRICE .'</p>
            </div>
          </div>
        </div>
      </div>
      '
    }
  </div>
</section>
```



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b. Code of Controller

Controller/user/home.php

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

class Home extends CI_Controller {

    public function index()
    {
        $this->load->view('user/header');
        $this->load->view('user/home');
        $this->load->view('user/footer');
    }

}
```

Controller/user/product.php

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

class Product extends CI_Controller {

    public function __construct()
    {
        parent::__construct();
        $this->load->model('medicinemodel');
        $this->load->model('categorymodel');
    }

    public function index()
    {
        $data['cat'] = $this->categorymodel->getCategory();
        $data['product'] = $this->medicinemodel->getMedicine();
        $this->load->view('user/header');
        $this->load->view('user/product', $data);
        $this->load->view('user/footer');
    }

    public function getbycat()
    {
        if ($this->input->post('submit')) {
            $category = $this->input->post('cat');
            $data['cat'] = $this->categorymodel->getCategory();
            $data['product'] = $this->categorymodel->getByCategory($category);
            $this->load->view('user/header');
            $this->load->view('user/product', $data);
            $this->load->view('user/footer');
        }
    }

}
```

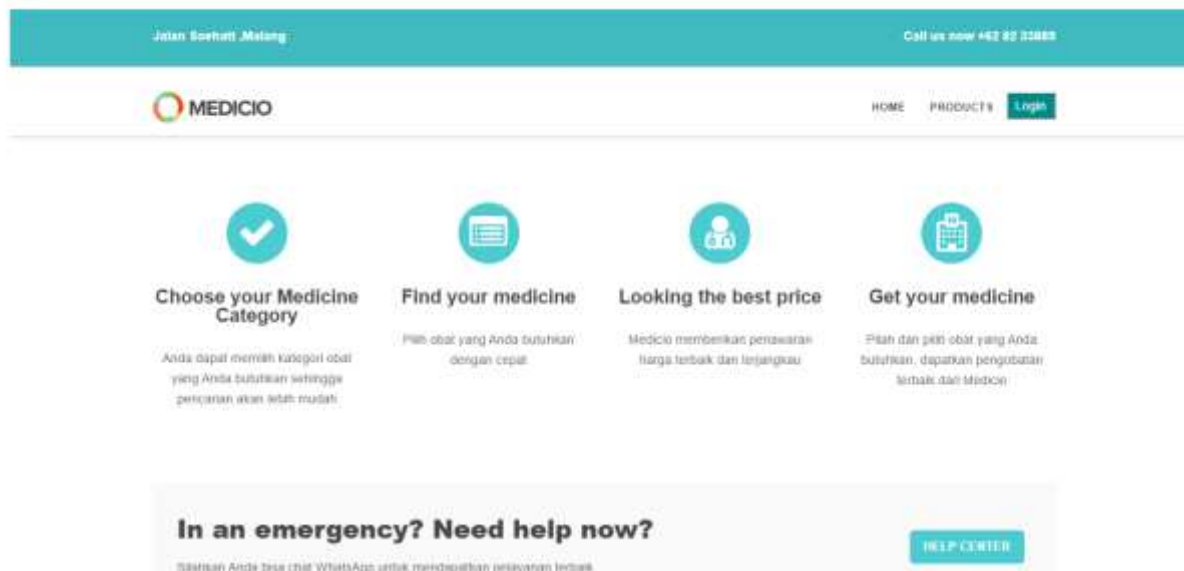
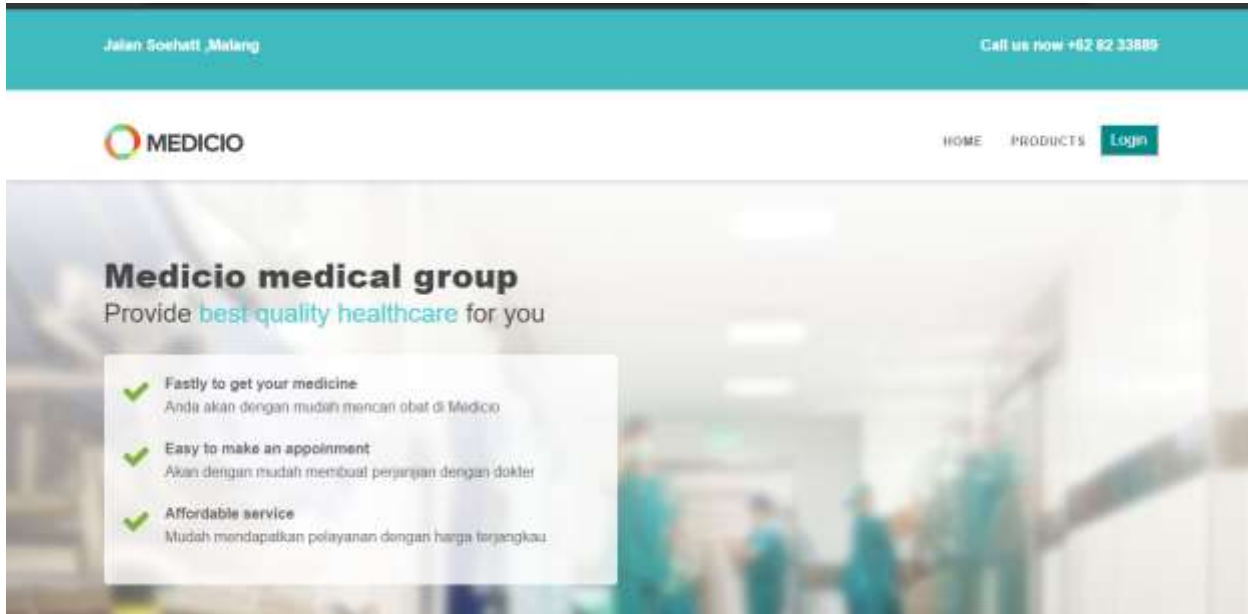


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- c. The display of home and product page
Home Page






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Jalan Soekarno, Malang

Call us now +62 82 3382389




HOME PRODUCTS [Login](#)

Review


Emergency Contraception
My rating: ★★★★★
Medicio memberikan pelayanan terbaiknya sehingga saya dapat memilih obat dengan baik dan benar untuk kehamilan saya.

Orthopedic Surgery
My rating: ★★★★★
Saya dapat mengarahkan pilihan yang tepat untuk keluhan yang saya alami.


Medical consultation
My rating: ★★★★★
Sebagai pendatang, Medicio sangat membantu saya untuk melakukan konsultasi via WhatsApp tanpa harus pergi ke tempat.



Anna
Malang




Matthew G
San Malang



Scarlet Smith
Malang

Jalan Soekarno, Malang


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HOME PRODUCTS [Login](#)

Our partner

PHARMACY

 dumthospital


 STAINLESS


#MAINSTREAM


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Website that provide doctor and medicine to help you.

INFORMATION
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[Products](#)

MEDICIO CENTER






 Everyday . 8am to 12pm

 +62 82 3382389

 medicio@gmail.com

OUR LOCATION
Jalan Soekarno Hatta, Malang Indonesia

FOLLOW US





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Product Page

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MEDICIO HOME PRODUCTS Login

Choose Medicine Category

obat batuk SUBMIT

Jalan Soehart, Malang Call us now +62 82 33889

MEDICIO HOME PRODUCTS Login

Woods	Siladex	OBH	Takabb
Obat batuk berbatuk	batuk berbatuk sakan pemapasan kut terganggu	dengan rasa mentol dan jawa yang melegakan tenggo	Obat batuk Takabb merupakan obat batuk berbentuk p
95-60 — 13500	96-60 — 20000	95-60 — 50000	95-60 — 60000

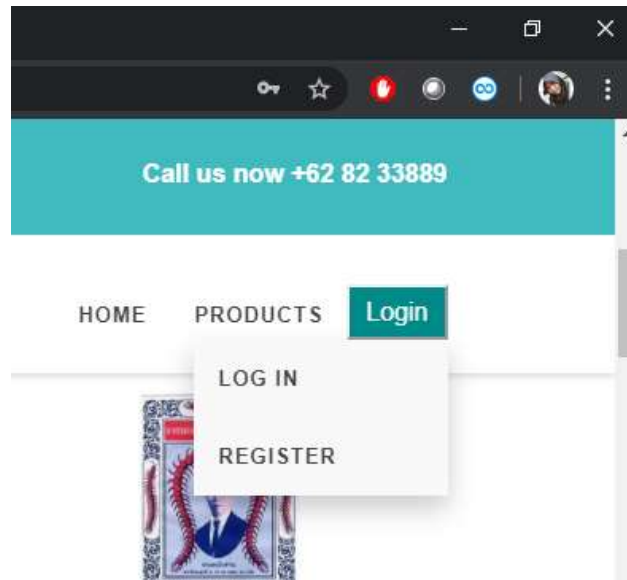
Konidin	Komix	Vicks	Laserin
Obat batuk yang satu ini dapat mengobati batuk ber	Komix berfungsi untuk meredakan batuk dengan menek	Obat ini juga mampu memberikan rasa hangat hingga	Laserin tergolong ke dalam obat batuk herbal kare

d. Login for User

As we can see, there is login button in the right side to go to login user. For the display is a modal



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Login Modal

Register Modal



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Register

Username

Email

Password

[Cancel](#) [Register](#)

So we will try to register an account and login with it

Register

Username

Email

Password

[Cancel](#) [Register](#)

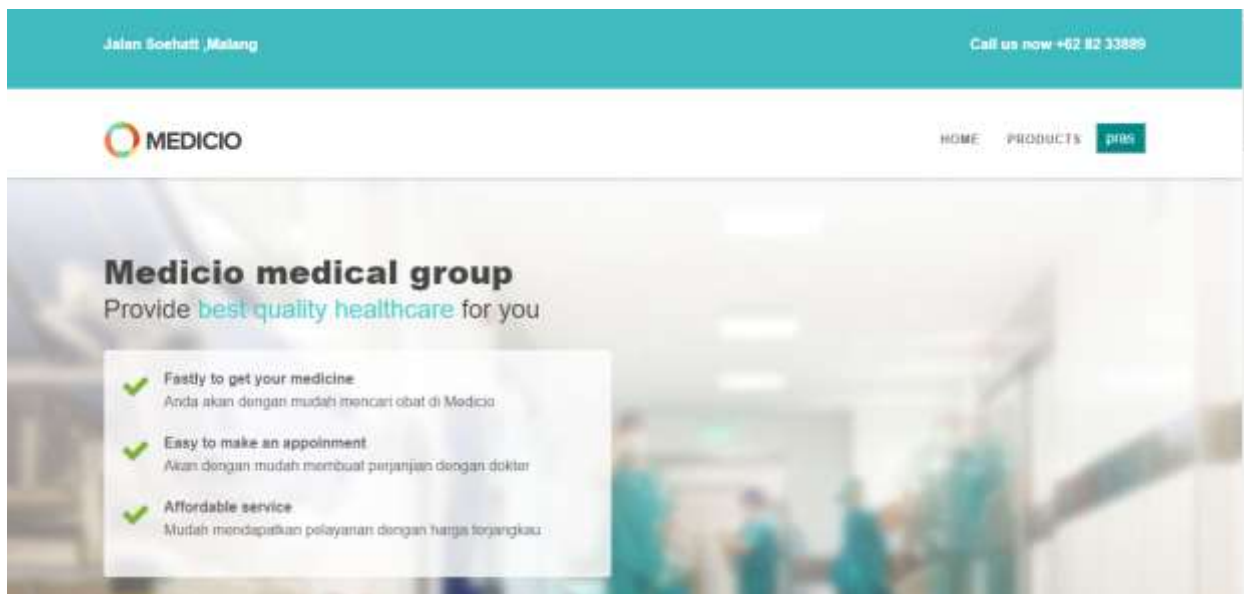
Login Page



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Check it in the database

+ Opsi

<div><div><div>↕</div><div>T</div><div>→</div></div></div>		ID_ACCOUNT	USERNAME	PASSWORD	EMAIL	ROLE
<div><div><div><input type="checkbox"/></div><div> Ubah</div><div> Salin</div><div> Hapus</div></div></div>		1	vira	vira	vira@gmail.com	1
<div><div><div><input type="checkbox"/></div><div> Ubah</div><div> Salin</div><div> Hapus</div></div></div>		2	ve	ve	veronica@gmail.com	0
<div><div><div><input type="checkbox"/></div><div> Ubah</div><div> Salin</div><div> Hapus</div></div></div>		5	halo	halo	halo@gmail.com	0
<div><div><div><input type="checkbox"/></div><div> Ubah</div><div> Salin</div><div> Hapus</div></div></div>		6	pras	pras	pras@gmail.com	0
<div><div><div><input type="checkbox"/></div><div> Ubah</div><div> Salin</div><div> Hapus</div></div></div>		7	lala	lala	lala@gmail.com	0
<div><div><div><input type="checkbox"/></div><div> Ubah</div><div> Salin</div><div> Hapus</div></div></div>		8	meliana	meliana	meliana@gmail.com	0

↑

☐ Pilih Semua

Dengan pilihan:

 Ubah

 Salin

 Hapus

 Ekspor



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- E. Rest Server using Code Igniter
 - a. Rest Controller of Medicine

```
1 <?php
2 defined('BASEPATH') OR exit('No direct script access allowed');
3 require APPPATH . 'libraries/REST_Controller.php';
4 require APPPATH . 'libraries/Format.php';
5 class Medicioapi extends REST_Controller {
6
7     public function __construct()
8     {
9         parent::__construct();
10        $this->load->model('medicinemodel');
11    }
12    public function index_get()
13    {
14        $id = $this->get('ID_MEDICINE');
15        if ($id===null) {
16            $med = $this->medicinemodel->getMedicineApi();
17        } else {
18            $med = $this->medicinemodel->getMedicineApi($id);
19        }
20        if ($med) {
21            $this->response([
22                'status' => true,
23                'data' => $med
24            ], REST_Controller::HTTP_OK);
25        } else {
26            $this->response([
27                'status' => false,
28                'message' => 'id not found'
29            ], REST_Controller::HTTP_NOT_FOUND);
30        }
31    }
32    public function index_delete()
33    {
34        $id=$this->delete('ID_MEDICINE');
35        if ($id===null) {
36            $this->response([
37                'status' => false,
38                'message' => 'provide an id!'
39            ], REST_Controller::HTTP_BAD_REQUEST);
40        } else {
41            if ($this->medicinemodel->deleteMedicine($id)>0) {
42                $this->response([
43                    'status' => true,
44                    'id' => $id,
45                    'message' => 'deleted.'
46                ], REST_Controller::HTTP_OK);
47            } else {
48                $this->response([
```



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```
1         'status' => false,  
2         'message' => 'id not found'  
3     }, REST_Controller::HTTP_BAD_REQUEST);  
4  
5 }  
6  
7  
8 public function index_post()  
9 {  
10     if ($this->medicineModel->createMedicine() != 0) {  
11         $this->response([  
12             'status' => true,  
13             'message' => 'new medicine has been created'  
14         ], REST_Controller::HTTP_CREATED);  
15     } else {  
16         $this->response([  
17             'status' => false,  
18             'message' => 'failed to create new data'  
19         ], REST_Controller::HTTP_BAD_REQUEST);  
20     }  
21 }  
22  
23 public function index_put()  
24 {  
25     $data = [  
26         'ID_CATEGORY' => $this->put('ID_CATEGORY'),  
27         'MED_NAME' => $this->put('MED_NAME'),  
28         'PRICE' => $this->put('PRICE'),  
29         'IMAGE' => $this->put('IMAGE'),  
30         'DESC_MED' => $this->put('DESC_MED')  
31     ];  
32     $id = $this->put('ID_MEDICINE');  
33     if ($this->medicineModel->updateMedicine($data,$id) != 0) {  
34         $this->response([  
35             'status' => true,  
36             'message' => 'data medicine has been updated'  
37         ], REST_Controller::HTTP_OK);  
38     } else {  
39         $this->response([  
40             'status' => false,  
41             'message' => 'failed to update data'  
42         ], REST_Controller::HTTP_BAD_REQUEST);  
43     }  
44 }  
45 }
```

Model of Medicine



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

class MedicineModel extends CI_Model {

    public function add_Medicine($pict)
    {
        $data = array(
            'ID_MEDICINE' => NULL,
            'ID_CATEGORY' => $this->input->post('category'),
            'MED_NAME' => $this->input->post('medname'),
            'PRICE' => $this->input->post('price'),
            'IMAGE' => $pict['file_name'],
            'DESC_MED' => $this->input->post('desc')
        );

        $this->db->insert('medicine',$data);
        if($this->db->affected_rows() >0) {
            return TRUE;
        }else{
            return FALSE;
        }
    }

    public function getMedicine()
    {
        return $this->db->query('select ID_MEDICINE, m.ID_CATEGORY, c.CAT_NAME, MED_NAME, IMAGE,PRICE, DESC_MED from medicine m join category c on c.ID_CATEGORY = m.ID_CATEGORY')->result();
    }

    public function getMedicineApi($id=null)
    {
        if ($id==null) {
            return $this->db->query('select ID_MEDICINE, m.ID_CATEGORY, c.CAT_NAME, MED_NAME, IMAGE,PRICE, DESC_MED from medicine m join category c on c.ID_CATEGORY = m.ID_CATEGORY')->result();
        } else {
            return $this->db->query('select ID_MEDICINE, m.ID_CATEGORY, c.CAT_NAME, MED_NAME, IMAGE,PRICE, DESC_MED from medicine m join category c on c.ID_CATEGORY = m.ID_CATEGORY where ID_MEDICINE='.$id.'')->result();
        }
    }

    public function deleteMedicine($id)
    {
        $this->db->delete('medicine',['ID_MEDICINE' => $id]);
        return $this->db->affected_rows();
    }
}
```

```
public function createMedicine()
{
    $data = array(
        'ID_MEDICINE' => NULL,
        'ID_CATEGORY' => $this->input->post('ID_CATEGORY'),
        'MED_NAME' => $this->input->post('MED_NAME'),
        'PRICE' => $this->input->post('PRICE'),
        'IMAGE' => $this->input->post('IMAGE'),
        'DESC_MED' => $this->input->post('DESC_MED')
    );
    $this->db->insert('medicine', $data);
    return $this->db->affected_rows();
}

public function updateMedicine($data,$id)
{
    $this->db->update('medicine',$data, ['ID_MEDICINE'=>$id]);
    return $this->db->affected_rows();
}
}
```




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Check the result in postman

Get Medicine Data

medicio Comments 0 Examples 0

GET http://localhost/medicio/index.php/api/medicioapi Send Save

Params Authorization Headers (9) Body ● Pre-request Script Tests Settings Cookies Code

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
Key	Value	Description		

Body Cookies (1) Headers (11) Test Results Status: 200 OK Time: 1235ms Size: 10.2 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "status": true,
3   "data": [
4     {
5       "ID_MEDICINE": "43",
6       "ID_CATEGORY": "4",
7       "CAT_NAME": "obat batuk",
8       "MED_NAME": "Woods",
9       "IMAGE": "woods.jpg",
10      "PRICE": "13900",
11      "DESC_MED": "Obat batuk berdahak."
12    },
13    {
14      "ID_MEDICINE": "44",
```

Post Medicine Data



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POST http://localhost/medicio/index.php/api/medicioapi Send Save

Params Authorization Headers (10) **Body** Pre-request Script Tests Settings Cookies Code

☐ none ☐ form-data ☒ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/> ID_CATEGORY	4			
<input checked="" type="checkbox"/> IMAGE	Woods.jpg			
<input checked="" type="checkbox"/> PRICE	10000			
<input checked="" type="checkbox"/> DESC_MED	obat panas			
<input checked="" type="checkbox"/> MED_NAME	Woods Herbal			
<input type="checkbox"/> CAT_NAME	coba			
Key	Value	Description		

Body Cookies (1) Headers (10) Test Results Status: 201 Created Time: 287ms Size: 432 B Save Response

Pretty Raw Preview Visualize JSON ≡

```
1 {
2   "status": true,
3   "message": "new medicine has been created"
4 }
```

Check the newest data that we add before

```
{
  "ID_MEDICINE": "62",
  "ID_CATEGORY": "4",
  "CAT_NAME": "obat batuk",
  "MED_NAME": "Woods Herbal",
  "IMAGE": "Woods.jpg",
  "PRICE": "10000",
  "DESC_MED": "obat panas"
},
```

Put or update the newest data



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PUT Send Save

Params Authorization Headers (10) **Body** Pre-request Script Tests Settings Cookies Code

☐ none ☐ form-data ☒ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	ID_CATEGORY	4			
<input checked="" type="checkbox"/>	IMAGE	Woods.jpg			
<input checked="" type="checkbox"/>	PRICE	10000			
<input checked="" type="checkbox"/>	DESC_MED	obat panas			
<input checked="" type="checkbox"/>	MED_NAME	Woods solusi batuk			
<input checked="" type="checkbox"/>	ID_MEDICINE	62			
	Key	Value	Description		

Body Cookies (1) Headers (10) Test Results Status: 200 OK Time: 248ms Size: 428 B Save Response

Pretty Raw Preview Visualize JSON ↺

```
1 {
2   "status": true,
3   "message": "data medicine has been updated"
4 }
```

Check the data

```
{
  "ID_MEDICINE": "62",
  "ID_CATEGORY": "4",
  "CAT_NAME": "obat batuk",
  "MED_NAME": "Woods solusi batuk",
  "IMAGE": "Woods.jpg",
  "PRICE": "10000",
  "DESC_MED": "obat panas"
},
```



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b. Rest Controller of Category

```
<?php
defined('BASEPATH') OR exit('No direct script access allowed');
require APPPATH . 'libraries/REST_Controller.php';
require APPPATH . 'libraries/Format.php';
class Categoryapi extends REST_Controller {

    public function __construct()
    {
        parent::__construct();
        $this->load->model('categorymodel');
    }
    public function index_get()
    {
        $id = $this->get('ID_CATEGORY');
        if ($id===null) {
            $cat = $this->categorymodel->getCategory();
        } else {
            $cat = $this->categorymodel->getCategory($id);
        }
        if ($cat) {
            $this->response([
                'status' => true,
                'data' => $cat
            ], REST_Controller::HTTP_OK);
        } else {
            $this->response([
                'status' => false,
                'message' => 'id not found'
            ], REST_Controller::HTTP_NOT_FOUND);
        }
    }
    public function index_delete()
    {
        $id=$this->delete('ID_CATEGORY');
        if ($id===null) {
            $this->response([
                'status' => false,
                'message' => 'provide an id!'
            ], REST_Controller::HTTP_BAD_REQUEST);
        } else {
            if ($this->categorymodel->deleteCategory($id)>0) {
                $this->response([
                    'status' => true,
                    'id' => $id,
                    'message' => 'deleted.'
                ], REST_Controller::HTTP_OK);
            } else {
                $this->response([
                    'status' => false,
                    'message' => 'failed to delete data'
                ], REST_Controller::HTTP_BAD_REQUEST);
            }
        }
    }
    public function index_post()
    {
        if ($this->categorymodel->add_Category()>0) {
            $this->response([
                'status' => true,
                'message' => 'new category has been created'
            ], REST_Controller::HTTP_CREATED);
        } else {
            $this->response([
                'status' => false,
                'message' => 'failed to create new data'
            ], REST_Controller::HTTP_BAD_REQUEST);
        }
    }
    public function index_put()
    {
        $data =[
            'CAT_NAME' => $this->put('CAT_NAME')
        ];
        $id = $this->put('ID_CATEGORY');
        if ($this->categorymodel->updateCategory($data,$id)>0) {
            $this->response([
                'status' => true,
                'message' => 'data category has been updated'
            ], REST_Controller::HTTP_OK);
        } else {
            $this->response([
                'status' => false,
                'message' => 'failed to update data'
            ], REST_Controller::HTTP_BAD_REQUEST);
        }
    }
}
```

Model of Category



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Check the result in Postman

Get category data

GET <http://localhost/medicio/index.php/api/categoryapi> [Send](#)

Key	Value	Description
Body	Cookies (1)	Headers (11)
Test Results		Status: 200 OK Time: 223ms Size: 781 B Save

Pretty Raw Preview Visualize JSON [≡](#)

```
1 {
2   "status": true,
3   "data": [
4     {
5       "ID_CATEGORY": "4",
6       "CAT_NAME": "obat batuk"
7     },
8     {
9       "ID_CATEGORY": "5",
10      "CAT_NAME": "obat flu"
11    },
12    {
13      "ID_CATEGORY": "6",
14      "CAT_NAME": "obat mata"
15    },
16    {
17      "ID_CATEGORY": "7",
18      "CAT_NAME": "obat demam anak"
19    },
20    {
21      "ID_CATEGORY": "8",
22      "CAT_NAME": "vitamin"
23    },
24  ]
25 }
```

Post Category Data



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POST Send Save

Params Authorization Headers (10) **Body** Pre-request Script Tests Settings Cookies Code

☐ none ☐ form-data ☒ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/> CAT_NAME	Obat Diare			
Key	Value	Description		

Body Cookies (1) Headers (11) Test Results Status: 201 Created Time: 1280ms Size: 560 B Save Response

Pretty Raw Preview Visualize JSON ⌵

```
1 {  
2   "status": true,  
3   "message": "new category has been created"  
4 }
```

Check the newest data that we add before

```
{  
  "ID_CATEGORY": "11",  
  "CAT_NAME": "Obat Diare"  
}
```

Put or update the newest data

PUT Send Save

Params Authorization Headers (10) **Body** Pre-request Script Tests Settings Cookies Code

☐ none ☐ form-data ☒ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/> CAT_NAME	Obat Muntah			
<input checked="" type="checkbox"/> ID_CATEGORY	11			
Key	Value	Description		

Body Cookies (1) Headers (10) Test Results Status: 200 OK Time: 369ms Size: 428 B Save Response

Pretty Raw Preview Visualize JSON ⌵

```
1 {  
2   "status": true,  
3   "message": "data category has been updated"  
4 }
```



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Check the result

```
{  
  "ID_CATEGORY": "11",  
  "CAT_NAME": "Obat Muntah"  
}
```

Delete the newest data

DELETE

Params Authorization Headers (10) **Body** Pre-request Script Tests Settings [Cookies](#) [Code](#)

☐ none ☐ form-data ☒ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input type="checkbox"/>	CAT_NAME	Obat Muntah			
<input checked="" type="checkbox"/>	ID_CATEGORY	11			
	Key	Value	Description		

Body Cookies (1) Headers (10) Test Results Status: 200 OK Time: 191ms Size: 416 B [Save Response](#)

Pretty Raw Preview Visualize JSON

```
1 {  
2   "status": true,  
3   "id": "11",  
4   "message": "deleted."  
5 }
```

F. Admin Side

The first thing we do is login using admin account

Login

Username

Password

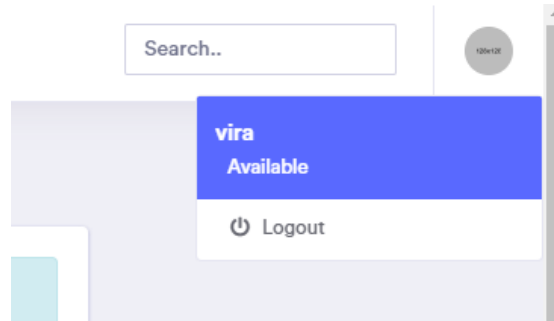
It will direct us into admin dashboard and our account name will be shown



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a. Code of views
Views/admin/account

```
1 <div class="dashboard-wrapper">
2   <div class="dashboard-ecommerce">
3     <div class="container-fluid dashboard-content ">
4       <!-- ===== -->
5
6       <div class="row">
7         <div class="col-xl-12 col-lg-12 col-md-12 col-sm-12 col-12">
8           <div class="page-header">
9             <h2 class="pageheader-title">Account</h2>
10          </div>
11        </div>
12      </div>
13      <!-- ===== -->
14
15      <div class="ecommerce-widget">
16        <div class="col-xl-9 col-lg-12 col-md-6 col-sm-12 col-12">
17          <div class="card">
18
19            <div class="card-body p-0">
20
21              <div class="row">
22                <div class="col-xl-12 col-lg-12 col-md-12 col-sm-12 col-12">
23
24                  <div class="card">
25
26                    <div class="card-body">
27
28                      <form action="{?php base_url() ?>account/addAccount" method="POST">
29                        <div class="alert alert-info" role="alert">
30                          <?php
31                            if (isset($pesan)) {
32                              echo $pesan;
33                            } else {
34                              echo "Add new account";
35                            }
36                          >
37                        </div>
38                        <div class="form-group">
39                          <label>Username</label>
40                          <input type="username" class="form-control" name="username" Required>
41                        </div>
42                        <div class="form-group">
43                          <label>Password</label>
44                          <input type="password" placeholder="Password" name="password" class="form-control"
45                            Required>
46                        </div>
47                        <div class="form-group">
48                          <label>Email</label>
49                          <input type="email" placeholder="Email" name="email" class="form-control"
50                            Required>
51                        </div>
52                      </form>
53                    </div>
54                  </div>
55                </div>
56              </div>
57            </div>
58          </div>
59        </div>
60      </div>
61    </div>
62  </div>
63 </div>
```




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```
70         </div>
71     </div>
72 </div>
73
74 <div class="col-xl-12 col-lg-12 col-md-12 col-sm-12 col-12">
75     <div class="card" >
76
77         <div class="card-body">
78             <div class="table-responsive">
79                 <table class="table table-striped table-bordered first">
80                     <thead>
81                         <tr>
82                             <th class="border-0">No</th>
83                             <th class="border-0">ID Account</th>
84                             <th class="border-0">Username</th>
85                             <th class="border-0">Password</th>
86                             <th class="border-0">Email</th>
87                             <th class="border-0">Role</th>
88                         </tr>
89                     </thead>
90                     <tbody>
91                         <?php
92                             $no = 1;
93                             foreach ($account as $result) { ?>
94                                 <tr>
95                                     <td class="badge badge-danger float right"><? $no++ ?></td>
96                                     <td><? $result->ID_ACCOUNT ?></td>
97                                     <td><? $result->USERNAME ?></td>
98                                     <td><? $result->PASSWORD ?></td>
99                                     <td><? $result->EMAIL ?></td>
100                                    <td><? $result->ROLE ?></td>
101                                </tr>
102                            <?php
103                                }
104                        </tbody>
105                    </table>
106                </div>
107            </div>
108        </div>
109    </div>
110 </div>
111 </div>
112 </div>
113
114 </div>
115 </div>
116 <!-- ===== -->
```

Controller of account



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```
1 <?php
2 defined('BASEPATH') OR exit('No direct script access allowed');
3
4 class Account extends CI_Controller {
5
6     public function __construct()
7     {
8         parent::__construct();
9         $this->load->model('accountmodel');
10    }
11
12    public function index()
13    {
14        if ($this->session->userdata('role')=="0") {
15            redirect('user/home','refresh');
16        }
17        $data['account'] = $this->accountmodel->getAccount();
18        $this->load->view('admin/header');
19        $this->load->view('admin/account',$data);
20        $this->load->view('admin/footer');
21    }
22    public function addAccount()
23    {
24        if ($this->input->post('submit')) {
25            if ($this->session->userdata('role')=="1") {
26                if ($this->accountmodel->add_Account()==TRUE) {
27                    $data['pesan'] = "Add account's success";
28                    $this->load->view('admin/header');
29                    $this->load->view('admin/account',$data);
30                    $this->load->view('admin/footer');
31                } else {
32                    $data['pesan'] = "Failed to add account";
33                    $this->load->view('admin/header');
34                    $this->load->view('admin/account',$data);
35                    $this->load->view('admin/footer');
36                }
37            } else {
38                if ($this->accountmodel->add_Account()==TRUE) {
39                    redirect('user/home/', 'refresh');
40                } else {
41                    redirect('user/home', 'refresh');
42                }
43            }
44        }
45    }
46 }
```

```
    public function loginAccount()
    {
        $username = htmlspecialchars($this->input->post('username'));
        $password = htmlspecialchars($this->input->post('pwd'));
        $ceklogin = $this->accountmodel->login($username, $password);
        if ($ceklogin) {
            foreach ($ceklogin as $row) {
                $this->session->set_userdata('user', $row->USERNAME );
                $this->session->set_userdata('role', $row->ROLE );
            }
            //var_dump($row);
            if ($this->session->userdata( 'role' )=="1") {
                redirect('admin/account');
            } elseif ($this->session->userdata( 'role' ) == "0") {
                redirect('user/home');
            } else {
                redirect('user/home','refresh');
            }
        } else {
            $data['pesan'] = "Username dan Password Anda salah";
            $this->load->view('user/header');
            $this->load->view('user/home',$data);
            $this->load->view('user/footer');
        }
    }
    public function logout()
    {
        if ($this->session->userdata('role')=="0") {
            $this->session->sess_destroy();
            redirect('user/home','refresh');
        } else {
            $this->session->sess_destroy();
            redirect('user/home','refresh');
        }
    }
}
```

Model of account



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```
1  <?php
2  defined('BASEPATH') OR exit('No direct script access allowed');
3
4  class Accountmodel extends CI_Model {
5
6      function getAccount(){
7          return $this->db->get('account')->result();
8      }
9      public function add_Account()
10     {
11         $data = array(
12             'ID_ACCOUNT' => NULL,
13             'USERNAME' => $this->input->post('username'),
14             'PASSWORD' => $this->input->post('password'),
15             'EMAIL' => $this->input->post('email'),
16             'ROLE' => $this->input->post('role')
17         );
18
19         $this->db->insert('account',$data);
20         if($this->db->affected_rows() >0) {
21             return TRUE;
22         }else{
23             return FALSE;
24         }
25         //return $this->db->query('insert into customer values blblbl');
26     }
27     public function login($username, $password)
28     {
29         $this->db->select('USERNAME, PASSWORD, ROLE');
30         $this->db->from('account');
31         $this->db->where('USERNAME', $username);
32         $this->db->where('PASSWORD', $password);
33         $this->db->limit(1);
34         $query=$this->db->get();
35         if ($query->num_rows()==1) {
36             return $query->result();
37         } else {
38             return false;
39         }
40     }
41 }
42
43
```

- Views/admin/medicine

```
<div class="dashboard-wrapper">
  <div class="dashboard-ecommerce">
    <div class="container-fluid dashboard-content ">
      <div class="row">
        <div class="col-xl-12 col-lg-12 col-md-12 col-sm-12 col-12">
          <div class="page-header">
            <h2 class="pageheader-title">Medicine</h2>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```




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```
<textarea style="width: 457px;" class="form-control" rows="3" name="desc" ></textarea>
</div>
<div class="col-xl-12 col-lg-12 col-md-12 col-sm-12 col-12 ">
    <input class="btn btn-primary" type="submit" name="submit" value="Submit">
</div>
</form>
</div>
</div>
</div>
</div>
</div>
</div>
<div class="col-xl-12 col-lg-12 col-md-12 col-sm-12 col-12">
    <div class="card" >
        <!--flashhapus-->
        <?php if($this->session->flashdata('notif')):?>
            <div class="alert alert-success alert-dismissible fade show" role="alert">
                Data <strong>berhasil</strong> <?= $this->session->flashdata('notif');?>
                <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
            </div>
        <?php endif; ?>
        <!--flushedit-->
        <?php
            $data=$this->session->flashdata('success');
            if($data!=""){ ?>
                <div id="notifikasi" class="alert alert-success"><strong>Success!</strong> <?=$data;?></div>
            <?php } ?>
        <?php
```



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```
$data2=$this->session->flashdata('error');
if($data2!=""){ ?>
    <div id="notifikasi" class="alert alert-
danger"><strong> Error! </strong> <?=$data2;?></div>
    <?php } ?>

    <div class="card-body">
        <div class="table-responsive">
            <table class="table table-striped table-
bordered first">

                <thead>
                    <tr>
                        <th class="border-0">No</th>
                        <th class="border-0">Category Name</th>
                        <th class="border-0">Medicine Name</th>
                        <th class="border-0">Image Name</th>
                        <th class="border-0">Price</th>
                        <th class="border-0">Description</th>
                        <th class="border-0">Action</th>
                    </tr>
                </thead>
                <tbody>
                    <?php
                        $no = 1;
                        foreach ($med as $result) { ?>
                            <tr>
                                <td><?=$no++ ?></td>
                                <td><?=$result->CAT_NAME ?></td>
                                <td><?=$result->MED_NAME ?></td>
                                <td><?=$result->IMAGE ?></td>
                                <td><?=$result->PRICE ?></td>
                                <td><?=$result->DESC_MED ?></td>
                                <td width="25">
                                    <a href="" data-
toggle="modal" data-target="#modal-edit<?=$result->ID_MEDICINE;?>"
                                    class="badge badge-
success" ><i class="fas fa-
edit"></i> Edit</a>

                                </td>
                                <td width="25">
```



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```
<a href="<?= base_url('index.ph
p/admin/medicine/deleteMed/').$result->ID_MEDICINE?>"
class="badge badge-
danger" onclick="return confirm('Do you want to delete the data?');"><i class="fas fa-
trash"></i> Delete</a>

</td>

</tr>
<?php
}
?>
</tbody>
</table>
</div>
</div>
</div>
</div>
</div>

<?php $no=0; foreach($med as $med): $no++; ?>
<div class="row">
<div id="modal-edit<?=$med->ID_MEDICINE;?>" class="modal fade">
<div class="modal-dialog">
<form action="<?php echo base_url('index.php/admin/medicine
/editMed/'); ?>" method="post">
<div class="modal-content">
<div class="modal-header bg-primary">
<button type="button" class="close" data-
dismiss="modal">&times;</button>
</div>
<div class="modal-body">
<input type="hidden" readonly value="<?=$me
d->ID_MEDICINE;?>" name="id_medicine" class="form-control" >
<div class="form-group">
<br><label>Category Name</label><br>
<div class='col-md-
9'><input type="text" name="cat_name" autocomplete="off" value="<?=$med-
>CAT_NAME;?>" required class="form-control" ></div>
<br><label>Medicine Name</label><br>
```




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```

                                <div class='col-md-
9'><input type="text" name="med_name" autocomplete="off" value="<?=$med-
>MED_NAME;?>" required class="form-control" ></div>
                                <br><label>IMAGE</label><br>

                                <div class='col-md-9'>
                                    <input type="file" name="image" autocom
plete="off" value="<?=$med->IMAGE;?>" class="form-control" ></div>
                                    <br><label>Price</label><br>
                                <div class='col-md-
9'><input type="text" name="price" autocomplete="off" value="<?=$med-
>PRICE;?>" required class="form-control" ></div>
                                    <br><label>Description</label><br>
                                <div class='col-md-
9'><input type="text" name="desc_med" autocomplete="off" value="<?=$med-
>DESC_MED;?>" required class="form-control" ></div>
                                    </div>
                                    <br>
                                </div>
                                <div class="modal-footer">
                                    <button type="button" class="btn btn-
default" data-dismiss="modal">Close</button>
                                    <input type="submit" name="submit" class="btn b
tn-primary"><i class="icon-pencil5"></i></button>
                                    </div>
                                </form>
                                </div>
                                </div>
                                </div>
                                </div>
                                <?php endforeach; ?>
                            </div>
                        </div>
                    </div>
</div>

```

- Views/admin/category

```
<div class="dashboard-wrapper">
```



```
<div class="dashboard-ecommerce">
  <div class="container-fluid dashboard-content ">
    <!-- ===== -->

    <div class="row">
      <div class="col-xl-12 col-lg-12 col-md-12 col-sm-12 col-12">
        <div class="page-header">
          <h2 class="pageheader-title">Medicine</h2>
        </div>
      </div>
    </div>
    <!-- ===== -->

    <div class="ecommerce-widget">
      <!-- trans -->
      <!--
- ===== -->
      <div class="col-xl-9 col-lg-12 col-md-6 col-sm-12 col-12">
        <div class="card" style="width: 500px;">
          <div class="card-body p-0">
            <div class="row">
              <div class="col-xl-12 col-lg-12 col-md-
12 col-sm-12 col-12">
                <div class="card">
                  <div class="card-body">
                    <form action="<?php base_url() ?>
category/addcategory" method="POST">
                      <div class="alert alert-
info" role=alert>
                        <?php
                            if (isset($pe
san)) {
                                echo $pes
an;
                            } else {
                                echo "Add
new account";
                            }
                        }
                    }
                }
            }
          }
        }
      }
    }
  }
</div>
</div>
```



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```
        ?>

        </div>
        <div class="form-row">
            <div class="col-xl-4 col-
lg-4 col-md-12 col-sm-12 col-12 mb-2">

                <label>Name Category<
/label>

                <input style="width:
190px;" type="text" class="form-control" name="catname" required>
            </div>

            <div class="col-xl-
12 col-lg-12 col-md-12 col-sm-12 col-12 ">

                <input class="btn btn
-primary" type="submit" name="submit" value="Submit">
            </div>
        </div>
    </form>
</div>

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

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

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

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

    <div class="ecommerce-widget">
        <!-- trans -->

        <!--
- ===== -->
        <div class="col-xl-12 col-lg-12 col-md-12 col-sm-12 col-12">
            <div class="card" style="width: 500px;">

                <!--flashhapus-->
                <?php if($this->session->flashdata('notif')):?>
```



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```
<div class="alert alert-success alert-  
dismissible fade show" role="alert">  
    Data <strong>berhasil</strong> <?= $this->session-  
>flashdata('notif');?>  
    <button type="button" class="close" data-  
dismiss="alert" aria-label="Close">  
        <span aria-hidden="true">&times;</span>  
    </button>  
</div>  
<?php endif; ?>  
  
<!--flushedit-->  
<?php  
    $data=$this->session->flashdata('success');  
    if($data!=""){ ?>  
        <div id="notifikasi" class="alert alert-  
success"><strong>Success!</strong> <?=$data;?></div>  
    <?php } ?>  
  
    <?php  
        $data2=$this->session->flashdata('error');  
        if($data2!=""){ ?>  
            <div id="notifikasi" class="alert alert-  
danger"><strong> Error! </strong> <?=$data2;?></div>  
        <?php } ?>  
  
    <div class="card-body">  
        <div class="table-responsive">  
            <table class="table table-striped table-  
bordered first">  
                <thead>  
                    <tr>  
                        <th class="border-0">No</th>  
                        <th class="border-0">ID</th>  
                        <th class="border-  
0">Category Name</th>  
                        <th class="border-0">Action</th>  
                    </tr>
```



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```
</thead>
<tbody>
  <?php
    $no = 1;
    foreach ($cat as $result) { ?>
      <tr>
        <td><?= $no++ ?></td>
        <td><?= $result->ID_CATEGORY ?></td>
        <td><?= $result->CAT_NAME ?></td>
        <td width="25">
          <a href="" data-
toggle="modal" data-target="#modal-edit<?=$result->ID_CATEGORY;?>"
class="badge badge-
success" ><i class="fas fa-edit"></i> Edit</a>
        </td>
        <td width="25">
          <a href="<?= base_url('index.
php/admin/category/deleteCat/').$result->ID_CATEGORY?>"
class="badge badge-
danger" onclick="return confirm('Do you want to delete the data?');"><i class="fas fa
-trash"></i> Delete</a>
        </td>
      </tr>
    <?php
    }
  ?>
</tbody>
</table>
</div>
</div>
</div>
</div>
<?php $no=0; foreach($cat as $cat): $no++; ?>
<div class="row">
  <div id="modal-edit<?=$cat->ID_CATEGORY;?>" class="modal fade">
```



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```
<div class="modal-dialog">
    <form action="<?php echo base_url('index.php/admin/category/editCat/'); ?>" method="post">
        <div class="modal-content">
            <div class="modal-header bg-primary">
                <button type="button" class="close" data-dismiss="modal">&times;</button>
            </div>
            <div class="modal-body">
                <input type="hidden" readonly value="<?=$cat->ID_CATEGORY;?>" name="id_category" class="form-control" >
                <div class="form-group">
                    <br><label>Category Name</label><br>
                    <div class='col-md-9'><input type="text" name="cat_name" autocomplete="off" value="<?=$cat->CAT_NAME;?>" required class="form-control" ></div>
                </div>
                <br>
            </div>
            <div class="modal-footer">
                <button type="button" class="btn btn-default" data-dismiss="modal">Close</button>
                <button type="submit" class="btn btn-primary"><i class="icon-pencil5"></i>Update</button>
            </div>
        </form>
    </div>
</div>
<?php endforeach; ?>
</div>
</div>
</div>
</div>
```



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b. Code of Controller

- Controller/admin/medicine

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

class Medicine extends CI_Controller {

    public function __construct()
    {
        parent::__construct();
        $this->load->model('categorymodel');
        $this->load->model('medicinemodel');
    }
    public function index()
    {
        $data['cat']=$this->categorymodel->getCategory();
        $data['med']=$this->medicinemodel->getMedicine();
        $this->load->view('admin/header');
        $this->load->view('admin/medicine',$data);
        $this->load->view('admin/footer');
    }

    public function addMedicine()
    {
        $config['upload_path']          = './med_img/';
        $config['allowed_types']        = 'gif|jpg|png';
        $config['max_size']              = 2000;

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

        if ($this->input->post('submit')) {
            if ($this->upload->do_upload('medimage')){
                if ($this->medicinemodel->add_Medicine($this->upload-
>data())==TRUE) {
```



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```
        $this->session->
>set_flashdata('success',"Data Berhasil Ditambah");
        redirect('admin/medicine','refresh');
    }else{
        $error = array('error' => $this->upload-
>display_errors());
        $this->load->view('admin/header');
        $this->load->view('admin/medicine',$data);
        $this->load->view('admin/footer');
    }
} else {
    $data = $this->upload->display_errors();
    $data['cat']=$this->categorymodel->getCategory();
    $this->load->view('admin/header');
    $this->load->view('admin/medicine',$data);
    $this->load->view('admin/footer');
}
} else {
    redirect('halo','refresh');
}
}

public function deleteMed($id_medicine){
    if($this->medicinemodel->deleteMedicine($id_medicine)==TRUE){
        $this->session->set_flashdata('notif', ' dihapus');
        redirect('admin/medicine','refresh');
    }else{
        redirect('admin/medicine','refresh');
    }
}

public function editMed(){
    if ($this->input->post('submit')) {
        $data=array(
            "med_name"=>$_POST['med_name'],
            "image"=>$_POST['image'],
            "price"=>$_POST['med_name'],
            "desc_med"=>$_POST['desc_med'],
```




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```
        );
        $this->db-
>where('id_medicine', $_POST['id_medicine']);
        $this->db->update('medicine',$data);
        $this->session-
>set_flashdata('success',"Data Berhasil Diedit");
        redirect('admin/medicine');

    }else {
        redirect('admin/medicine','refresh');
    }
}

}

/* End of file medicine.php */
/* Location: ./application/controllers/admin/medicine.php */
```

- Controller/admin/category

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

class Category extends CI_Controller {

    public function __construct()
    {
        parent::__construct();
        $this->load->model('categorymodel');
    }

    public function index()
    {
        $data['cat']= $this->categorymodel->getCategory();
        $this->load->view('admin/header');
        $this->load->view('admin/medicinecat', $data);
        $this->load->view('admin/footer');
    }

    public function addcategory()
    {
        if ($this->input->post('submit')) {
```



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```
        if ($this->categorymodel->add_Category()==TRUE) {
            redirect('admin/category','refresh');
        } else {
            $data['pesan'] = "Failed to add category";
            redirect('admin/category','refresh');
        }
    }
}

public function deleteCat($id_category){
    if($this->categorymodel->deleteCategory($id_category)==TRUE){
        $this->session->set_flashdata('notif', 'Berhasil dihapus');
        redirect('admin/category','refresh');
    }else{
        $this->session->set_flashdata('notif', ' dihapus');
        redirect('admin/category','refresh');
    }
}

public function editCat()
{
    $this->form_validation->
    >set_rules('id_category', 'id_category', 'required');
    $this->form_validation->
    >set_rules('cat_name', 'cat_name', 'required');
    if($this->form_validation->run()==FALSE){
        $this->session->set_flashdata('error',"Data Gagal Di Edit");
        redirect('admin/category');
    }else{
        $data=array(
            "cat_name"=>$_POST['cat_name'],
        );
        $this->db->where('id_category', $_POST['id_category']);
        $this->db->update('category',$data);
        $this->session->set_flashdata('success',"Data Berhasil Diedit");
        redirect('admin/category');
    }
}
```



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```
}
```

```
/* End of file category.php */
```

```
/* Location: ./application/controllers/admin/category.php */
```



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- c. Code of Model
- model/medicine

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

class Medicinemodel extends CI_Model {

    public function add_Medicine($pict)
    {
        $data = array(
            'ID_MEDICINE' => NULL,
            'ID_CATEGORY' => $this->input->post('category'),
            'MED_NAME' => $this->input->post('medname'),
            'PRICE' => $this->input->post('price'),
            'IMAGE' => $pict['file_name'],
            'DESC_MED' => $this->input->post('desc')
        );

        $this->db->insert('medicine',$data);
        if($this->db->affected_rows() >0) {
            return TRUE;
        }else{
            return FALSE;
        }
        //return $this->db->query('insert into customer values blblbl');
    }
    public function getMedicine()
    {
        return $this->db->
>query('select ID_MEDICINE, m.ID_CATEGORY, c.CAT_NAME, MED_NAME, IMAGE,PRICE, DESC_
MED from medicine m join category c on c.ID_CATEGORY = m.ID_CATEGORY')->result();
    }
    public function getMedicineApi($id=null)
    {
        if ($id==null) {
            return $this->db->
>query('select ID_MEDICINE, m.ID_CATEGORY, c.CAT_NAME, MED_NAME, IMAGE,PRICE, DESC_
MED from medicine m join category c on c.ID_CATEGORY = m.ID_CATEGORY')->result();
        } else {
```



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```
        return $this->db->
>query('select ID_MEDICINE, m.ID_CATEGORY, c.CAT_NAME, MED_NAME, IMAGE,PRICE, DESC_
MED from medicine m join category c on c.ID_CATEGORY = m.ID_CATEGORY where ID_MEDIC
INE='.$id.'')->result();
    }
}

public function deleteMedicine($id_medicine)
{
    $this->db->delete('medicine',['ID_MEDICINE' => $id_medicine]);
    return $this->db->affected_rows();
}

public function createMedicine()
{
    $data = array(
        'ID_MEDICINE' => NULL,
        'ID_CATEGORY' => $this->input->post('ID_CATEGORY'),
        'MED_NAME' => $this->input->post('MED_NAME'),
        'PRICE' => $this->input->post('PRICE'),
        'IMAGE' => $this->input->post('IMAGE'),
        'DESC_MED' => $this->input->post('DESC_MED')
    );
    $this->db->insert('medicine', $data);
    return $this->db->affected_rows();
}

public function updateMedicine($id_medicine){
    $data = array(
        'ID_MEDICINE' => $this->input->post('ID_CATEGORY'),
        'ID_CATEGORY' => $this->input->post('ID_CATEGORY'),
        'MED_NAME' => $this->input->post('MED_NAME'),
        'IMAGE' => $this->input->post('IMAGE'),
        'PRICE' => $this->input->post('PRICE'),
        'STOCK' => $this->input->post('STOCK'),
        'DESC_MED' => $this->input->post('DESC_MED')
    );
    $this->db->update('medicine',$data, ['ID_MEDICINE'=>$id_medicine]);
    return $this->db->affected_rows();
}
```



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```
}  
  
}  
  
/* End of file medicinemodel.php */  
/* Location: ./application/models/medicinemodel.php */
```

- model/categorymodel

```
<?php  
defined('BASEPATH') OR exit('No direct script access allowed');  
  
class Categorymodel extends CI_Model {  
  
    public function add_Category()  
    {  
        $data = array(  
            'ID_CATEGORY' => NULL,  
            'CAT_NAME' => $this->input->post('catname')  
        );  
  
        $this->db->insert('category',$data);  
        if($this->db->affected_rows() >0) {  
            return TRUE;  
        }else{  
            return FALSE;  
        }  
    }  
  
    public function getCategory()  
    {  
        return $this->db->get('category')  
            ->result();  
    }  
}
```



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```
}

public function deleteCategory($id_category){
    $this->db->where('id_category',$id_category);
    $this->db->delete('category');
}

public function updateCategory($id_category){
    $data = array(
        'ID_CATEGORY' => $this->input->post('ID_CATEGORY'),
        'CAT_NAME' => $this->input->post('CAT_NAME'),

    );
    $this->db->
>update('category',$data, ['ID_CATEGORY'=>$id_category]);
    return $this->db->affected_rows();
}

}

/* End of file categorymodel.php */
/* Location: ./application/models/categorymodel.php */
```



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- d. The display of admin
- Example display input medicine

Add new medicine

ID Med-Category

obat batuk

Medicine Name

Image

Choose File No file chosen

Price

Rp

Description

Submit

- Result



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STATE POLYTECHNIC OF MALANG

MENU

- Account
- Transaction
- Transaction Detail
- Medicine
- Medicine Category

Data berhasil dihapus

No	Category Name	Medicine Name	Image Name	Price	Description	Action
1	obat batuk	Woods	woods.jpg	12900	Obat batuk berdahak,	Edit Delete
2	obat batuk	Siladex	siladex.jpg	20000	batuk berdahak saluran pernapasan ikut terganggu.	Edit Delete
3	obat batuk	OBH	obh.jpg	50000	dengan rasa menthol dan jahe yang melegakan tenggo	Edit Delete
4	obat batuk	Takabb	takabb.jpg	60000	Obat batuk Takabb merupakan obat batuk berbentuk p	Edit Delete
5	obat batuk	Konidin	konidin.jpg	11500	Obat batuk yang satu ini dapat mengobati batuk ber	Edit Delete
13	obat batuk	Comix X	Untitled6.png	7000	obat batuk comix	Edit Delete

- Edit Modal

DASHBOARD

MENU

- Account
- Transaction
- Transaction Detail
- Medicine
- Medicine Category

Category Name

obat batuk

Medicine Name

Comix A

IMAGE

Choose File No file chosen

Price

7000

Description

obat batuk comix

Close Submit

- Result Edit



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STATE POLYTECHNIC OF MALANG

MENU

- Account
- Transaction
- Transaction Detail
- Medicine
- Medicine Category

Success! Data Berhasil Diedit

No	Category	Medicine Name	Image Name	Price	Description	Action
1	obat batuk	Woods	woods.jpg	13900	Obat batuk berdahak.	Edit Delete
2	obat batuk	Siladex	siladex.jpg	20000	batuk berdahak saluran pernapasan ikut terganggu.	Edit Delete

13	obat batuk	Comix A	Untitled.png	7000	obat batuk comix	Edit Delete
					Obat ramuan Cina ini	



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- Delete Medicine (Comix A)

localhost says:
Do you want to delete the data?

Search..

10	obat batuk				Serupa dengan Laserin, obat batuk cap ibu dan Anak	Edit	Delete
11	obat. batuk	Hufagrip	hufagrip.jpg	27000	Obat batuk anak terbaik yang dapat kalian coba ada	Edit	Delete
12	obat. batuk	Cap Ibu dan Anak	ibuanak.jpg	50000	Serupa dengan Laserin, obat batuk cap ibu dan Anak	Edit	Delete
13	obat. batuk	Comix A	Untitled.png	7000	obat batuk comix	Edit	Delete
14	obat flu	Cap Ibu dan Anak (King To Nin Jiom Pei Pa Koa)	ibuanakflu.jpg	22000	Obat ramuan Cina ini telah dikenal secara turun-te	Edit	Delete



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- Result Delete

Data berhasil dihapus

No	Category Name	Medicine Name	Image Name	Price	Description	Action
1	obat batuk	Woods	woods.jpg	13900	Obat batuk berdahak.	Edit Delete
2	obat batuk	Silades	silades.jpg	20000	batuk berdahak saluran pernapasan ikut terganggu.	Edit Delete
3	obat batuk	QBH	sbh.jpg	50000	dengan rasa menthol dan jahe yang melegakan tenggo	Edit Delete
4	obat batuk	Takabb	takabb.jpg	60000	Obat batuk Takabb merupakan obat batuk berbentuk p	Edit Delete
karen						
9	obat batuk	Hufagrip	hufagrip.jpg	27000	Obat batuk anak terbaik yang dapat kalian coba ada	Edit Delete
10	obat batuk	Cap Ibu dan Anak	ibu anak.jpg	50000	Serupa dengan Lasarin, obat batuk cap Ibu dan Anak	Edit Delete
11	obat batuk	Hufagrip	hufagrip.jpg	27000	Obat batuk anak terbaik yang dapat kalian coba ada	Edit Delete
12	obat batuk	Cap Ibu dan Anak	ibu anak.jpg	50000	Serupa dengan Lasarin, obat batuk cap Ibu dan Anak	Edit Delete
13	obat flu	Cap Ibu dan Anak (King To Nin Jiom Pai Pa Koi)	ibu anak flu.jpg	22000	Obat ramuan Cina ini telah dikenal secara turun-te	Edit Delete
14	obat flu	Tolak Angin Flu	tolak angin.jpg	3000	Produk dari Sido Muncul ini adalah jamu dPada saat	Edit Delete



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STATE POLYTECHNIC OF MALANG

- Input Category

Medicine

Add new category

Name Category

Submit

Dashboard | Medicio

localhost/medicio/index.php/admin/category

DASHBOARD

MENU

- Account
- Transaction
- Transaction Detail
- Medicine
- Medicine Category

Success! Data Berhasil Ditambah

No	ID	Category Name	Action
1	4	obat batuk	Edit Delete
2	5	obat flu	Edit Delete
3	6	obat mata	Edit Delete
4	7	obat demam anak	Edit Delete
5	8	vitamin	Edit Delete
6	22	Obat oles	Edit Delete



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INFORMATION TECHNOLOGY / INFORMATICS ENGINEERING STUDY PROGRAMME

STATE POLYTECHNIC OF MALANG

- Edit Modal Category

Dashboard | Medico

localhost/medico/index.php/admin/category

DASHBOARD

MENU

- Account
- Transaction
- Transaction Detail
- Medicine
- Medicine Category

Category Name

Obat Luka

Close Submit

No	ID	Category Name	Action
1	4	obat batuk	Edit Delete
2	5	obat flu	Edit Delete
3	6	obat mata	Edit Delete
4	7	obat demam anak	Edit Delete
5	8	vitamin	Edit Delete
6	22	Obat luka	Edit Delete

Dashboard | Medico

localhost/medico/index.php/admin/category

DASHBOARD

MENU

- Account
- Transaction
- Transaction Detail
- Medicine
- Medicine Category

Success! Data Berhasil Diedit

No	ID	Category Name	Action
1	4	obat batuk	Edit Delete
2	5	obat flu	Edit Delete
3	6	obat mata	Edit Delete
4	7	obat demam anak	Edit Delete
5	8	vitamin	Edit Delete
6	22	Obat Luka	Edit Delete



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- Delete (Obat luka) Category

The screenshot shows a web application dashboard for 'Medicio'. The browser address bar indicates the URL is `localhost/medicio/index.php/admin/category`. The dashboard has a dark sidebar menu with the following items: Account, Transaction, Transaction Detail, Medicine, and Medicine Category. The main content area displays a table of medicine categories. A confirmation dialog box is open, asking 'Do you want to delete the data?' with 'OK' and 'Cancel' buttons. A green success message 'Successful Data Deleted' is visible above the table.

No	ID	Category Name	Action
1	4	obat batuk	Edit Delete
2	5	obat flu	Edit Delete
3	6	obat mata	Edit Delete
4	7	obat demam anak	Edit Delete
5	8	vitamin	Edit Delete
6	22	Obat Luka	Edit Delete



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STATE POLYTECHNIC OF MALANG

Dashboard | Medicio

localhost/medicio/index.php/admin/category

DASHBOARD

MENU

- Account
- Transaction
- Transaction Detil
- Medicine
- Medicine Category

Data berhasil dihapus

No	ID	Category Name	Action
1	4	obat batuk	Edit Delete
2	5	obat flu	Edit Delete
3	6	obat mata	Edit Delete
4	7	obat demam anak	Edit Delete
5	8	vitamin	Edit Delete