

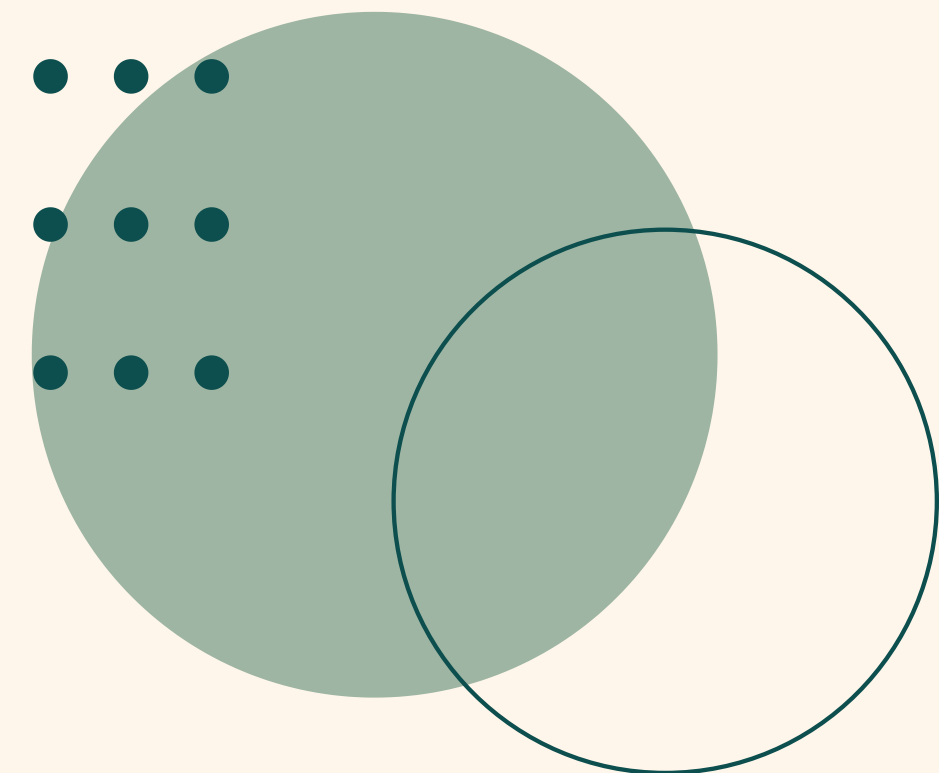
MODEL VIEW CONTROLLER

• • • •

• • • •

• • • •

• • • •



ANGGOTA KELOMPOK

Nazwa Salsabila
2208107010010

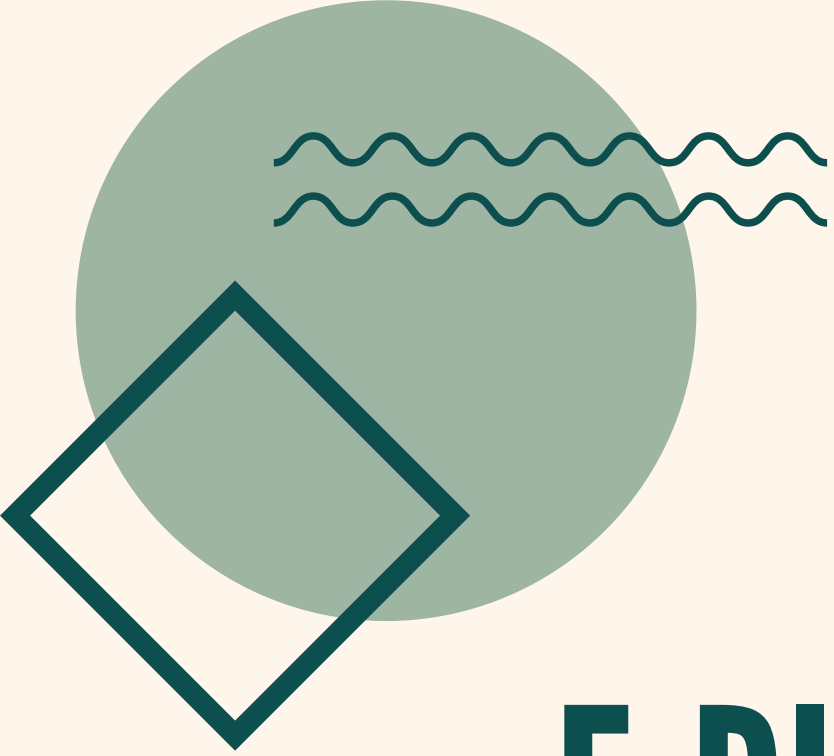
Berliani Utami
2208107010082

Riska Hakiqa
2208107010086

Irfan Rizadi
2208107010062

Raihan Firyal
2208107010084

Mizana Amaliya
240610302022150012



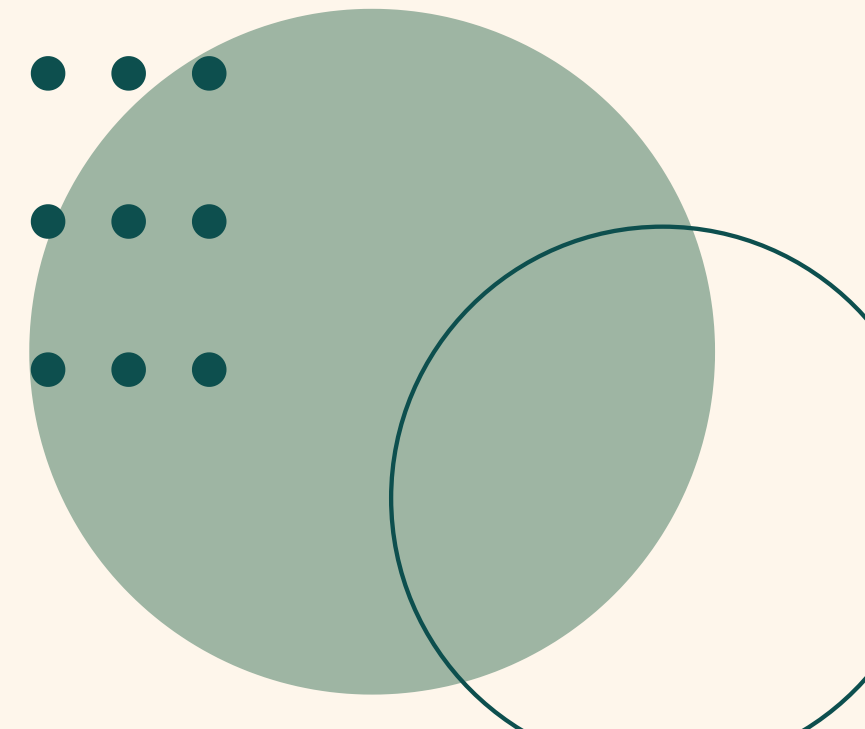
E-DIARY MANAGEMENT SYSTEM USING PHP AND MYSQL

• • • •

• • • •

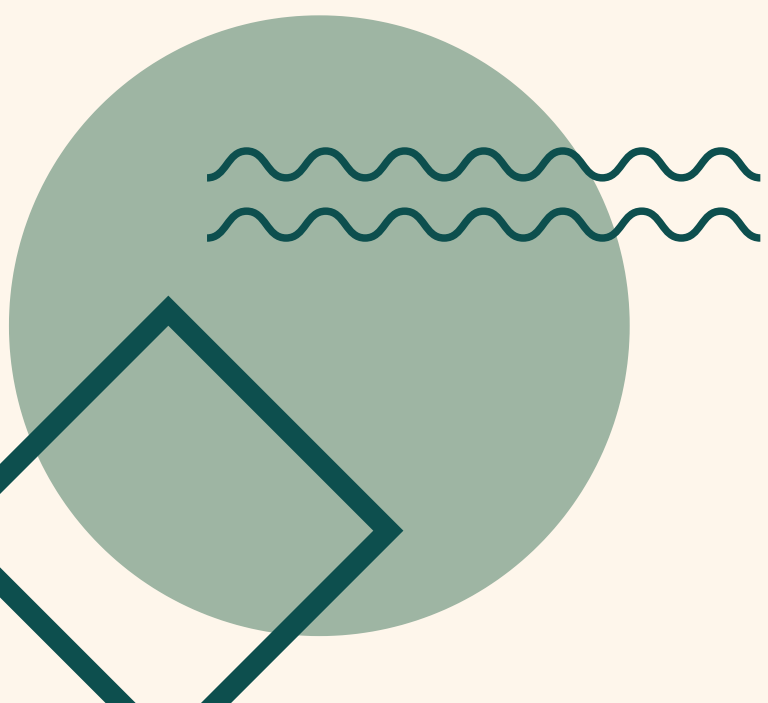
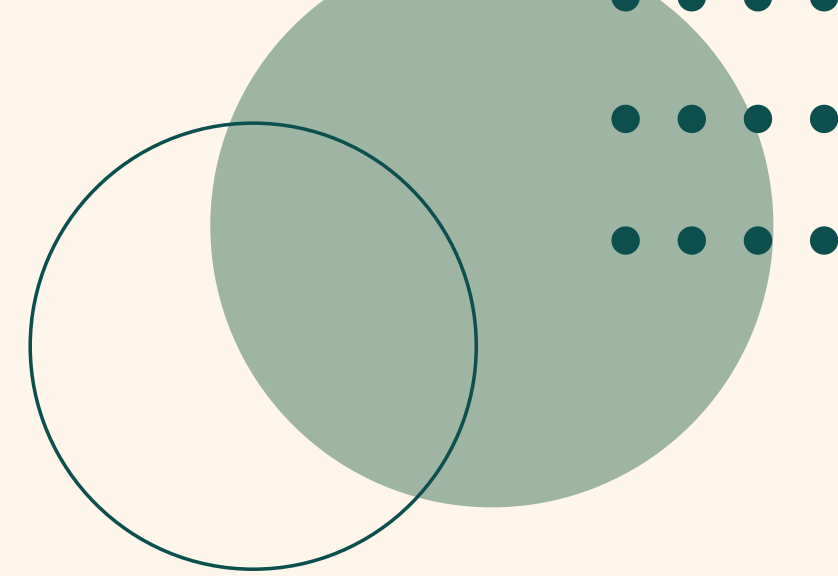
• • • •

• • • •

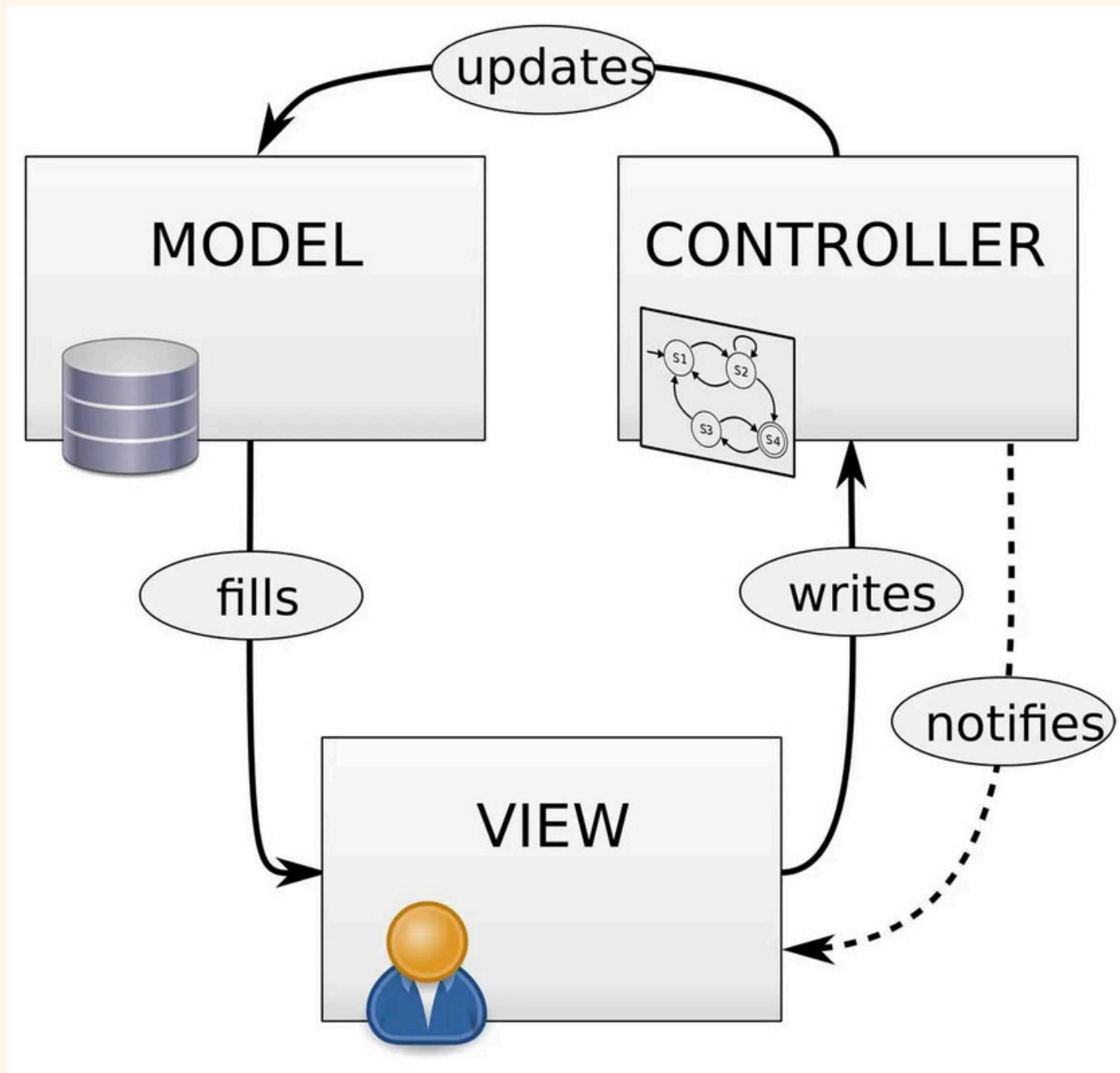


DEFENISI

MVC adalah sebuah konsep dalam pembuatan perangkat lunak berorientasi object. Secara umum, MVC dapat digunakan untuk mengembangkan sistem yang interaktif, Kegunaan tersebut adalah untuk memisahkan data (Model), menyajikan data (View), dan logika untuk menangani kejadian (event) dari data ke penyajian maupun sebaliknya (Controller).



ILUSTRASI MVC



Ilustrasi disamping menggambarkan hubungan antara Model, View, dan Controller dalam pola arsitektur MVC (Model-View-Controller). Model bertanggung jawab atas data dan logika bisnis, yang kemudian diteruskan ke View untuk ditampilkan kepada pengguna. Saat Model mengalami perubahan, ia memberi notifikasi kepada View agar tampilan dapat diperbarui sesuai. Sementara itu, Controller berfungsi sebagai perantara antara Model dan View. Controller menerima input dari pengguna, mengubah Model sesuai dengan input tersebut, dan kemudian memperbarui View untuk mencerminkan perubahan yang telah terjadi. Dengan cara ini, setiap komponen memiliki tanggung jawab yang jelas dan terpisah, memungkinkan pengembangan aplikasi yang lebih terstruktur dan mudah dipelihara.

• • • •

• • • •

MODEL

Model adalah bagian dari aplikasi yang mengimplementasikan logika untuk domain data aplikasi. Umumnya, objek model digunakan untuk mengambil data dari database atau menyimpan data ke dalam database.

```
1  <?php
2  class UserModel {
3      private $conn;
4
5      function __construct() {
6          $this->conn = new mysqli("localhost", "root", "", "edmsdb");
7          if ($this->conn->connect_error) {
8              die("Connection failed: " . $this->conn->connect_error);
9          }
10     }
11
12     function execute($query, $params = [], $types = "") {
13         $stmt = $this->conn->prepare($query);
14         if ($params && $types) {
15             $stmt->bind_param($types, ...$params);
16         }
17         $stmt->execute();
18         return $stmt;
19     }
20
21     public function getUserById($id) {
22         $stmt = $this->conn->prepare("SELECT * FROM tblregistration WHERE id = ?");
23         $stmt->bind_param("i", $id);
24         $stmt->execute();
25         $result = $stmt->get_result();
26         $user = $result->fetch_assoc();
27         $stmt->close();
28         return $user;
29     }
30
31     public function getUserByIdAndPassword($id, $password) {
32         $hashedPassword = md5($password);
33         $stmt = $this->conn->prepare("SELECT id FROM tblregistration WHERE id = ? AND userPassword = ?");
34         $stmt->bind_param("is", $id, $hashedPassword);
35         $stmt->execute();
36         $result = $stmt->get_result();
37         $user = $result->fetch_assoc();
38         $stmt->close();
39         return $user;
40     }
41 }
```


VIEW

View adalah komponen yang menampilkan antarmuka (user interface) untuk pengguna aplikasi. Antarmuka ini dibuat berdasarkan data dari model.

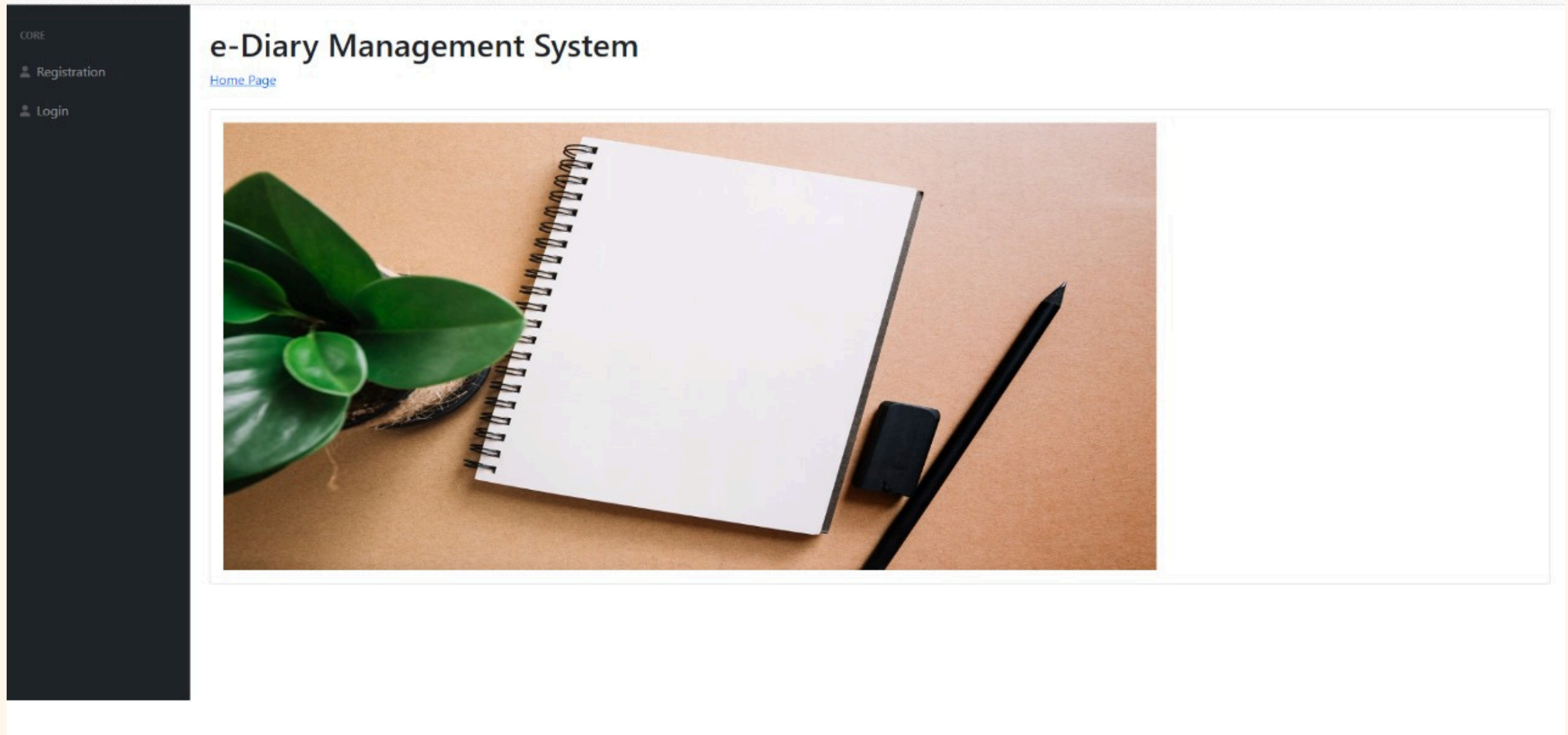
```
1  <?php
2  session_start();
3  error_reporting(0);
4  include('includes/config.php');
5
6
7  ?>
8
9  <!DOCTYPE html>
10 <html lang="en">
11   <head>
12     <meta charset="utf-8" />
13     <meta http-equiv="X-UA-Compatible" content="IE=edge" />
14     <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no" />
15     <meta name="description" content="" />
16     <meta name="author" content="" />
17     <title>e-Diary Management System</title>
18     <link href="css/styles.css" rel="stylesheet" />
19     <script src="https://use.fontawesome.com/releases/v6.1.0/js/all.js" crossorigin="anonymous"></script>
20   </head>
21   <body>
22
23     <div id="layoutSidenav">
24       <div id="layoutSidenav_nav">
25         <nav class="sb-sidenav accordion sb-sidenav-dark" id="sidenavAccordion">
26           <div class="sb-sidenav-menu">
27             <div class="nav">
28               <div class="sb-sidenav-menu-heading">Core</div>
29               <a class="nav-link" href="views/registration.php">
30                 <div class="sb-nav-link-icon"><i class="fa fa-user"></i></div>
31                 Registration
32               </a>
33               <a class="nav-link" href="views/login.php">
34                 <div class="sb-nav-link-icon"><i class="fa fa-user"></i></div>
35                 Login
36               </a>
37             </div>
38           </div>
39
```

CONTROLLER

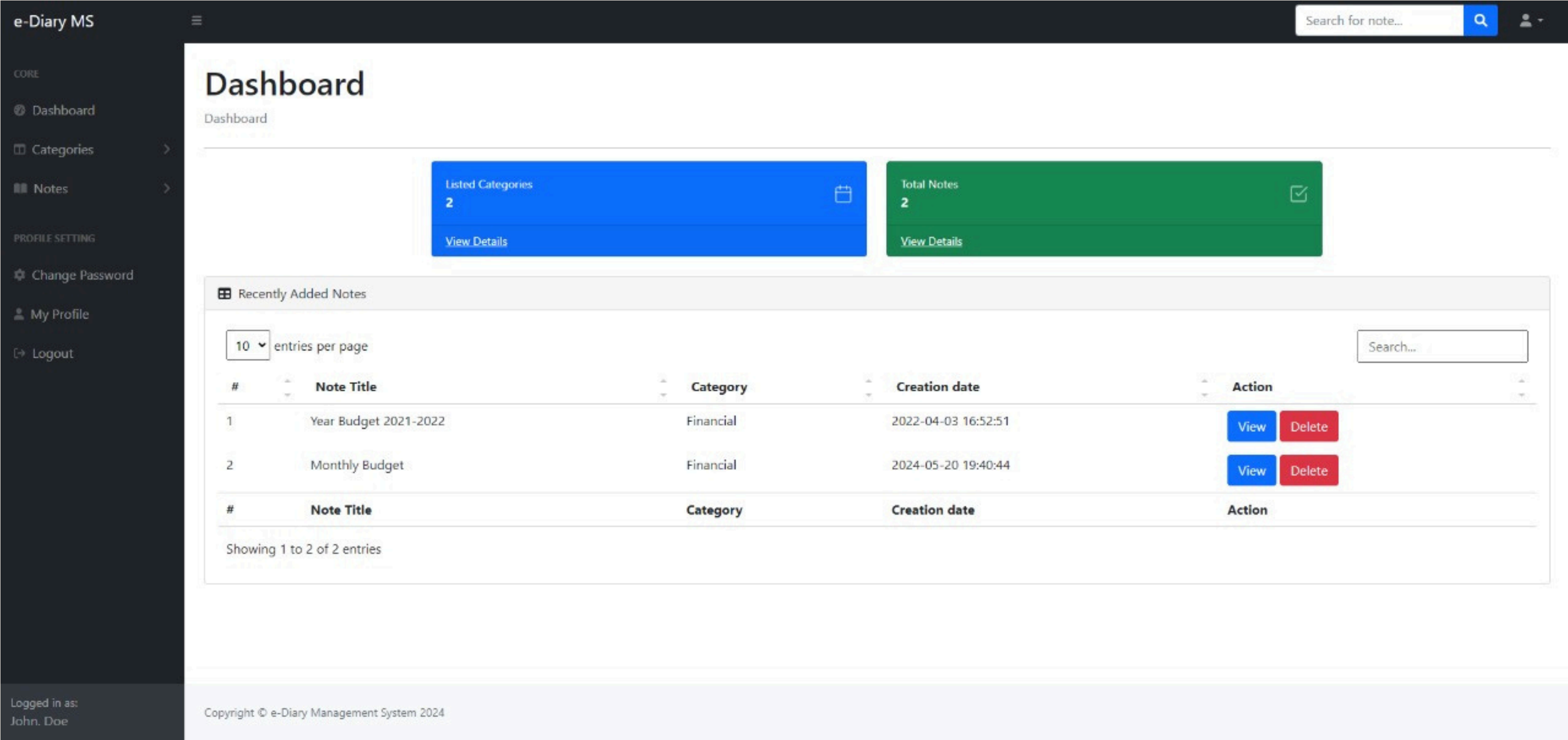
Controller merupakan komponen yang digunakan untuk menangani interaksi pengguna, bekerja dengan model, dan memilih view mana yang digunakan untuk me-render data.

```
1 <?php
2
3 include_once(__DIR__ . '/../Models/userModel.php');
4
5 class UserController {
6     private $userModel;
7
8     public function __construct() {
9         $this->userModel = new UserModel();
10    }
11
12    public function getUserModel() {
13        return $this->userModel;
14    }
15
16    public function changePassword() {
17        if (isset($_POST['update'])) {
18            $uid = $_SESSION["edmsid"];
19            $currentPassword = $_POST['cpass'];
20            $newPassword = $_POST['newpass'];
21
22            $user = $this->userModel->getUserByIdAndPassword($uid, $currentPassword);
23            if ($user) {
24                if ($this->userModel->updateUserPassword($uid, $newPassword)) {
25                    $_SESSION['message'] = 'Password changed successfully.';
26                } else {
27                    $_SESSION['message'] = 'Failed to change password.';
28                }
29            } else {
30                $_SESSION['message'] = 'Current Password is wrong.';
31            }
32            header('Location: change-password.php');
33            exit;
34        }
35    }
36
37    public function login() {
38        if (isset($_POST['login'])) {
39            $emailcon = $_POST['loginDetail'];
```


GAMBAR SEBAGIAN HALAMAN PROJECT



GAMBAR SEBAGIAN HALAMAN PROJECT



GAMBAR SEBAGIAN HALAMAN PROJECT

e-Diary MS

CORE

Dashboard

Categories

Notes

PROFILE SETTING

Change Password

My Profile

Logout

Logged in as:
John. Doe

Search for note...

Add Note

[Dashboard](#) / Add Note

Category Name

Select Category

Note Title

Enter the note title

Note Description

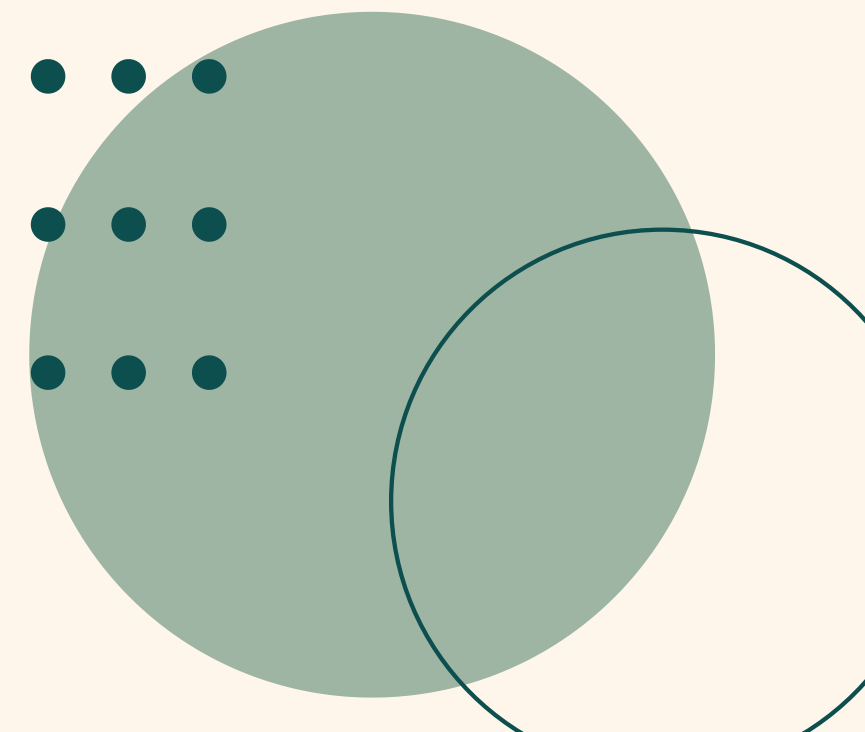
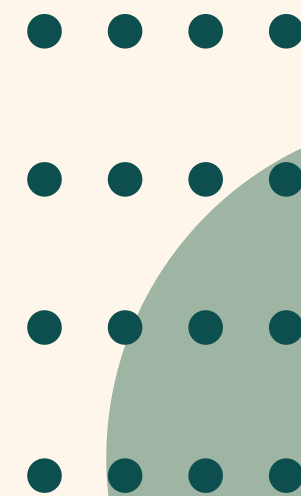
Enter Note Description

Submit

Copyright © e-Diary Management System 2024



ONLINE NURSE HIRING SYSTEM USING PHP AND MYSQL



MODEL

Model adalah bagian dari aplikasi yang mengimplementasikan logika untuk domain data aplikasi. Umumnya, objek model digunakan untuk mengambil data dari database atau menyimpan data ke dalam database.

```
1  <?php
2  class Nurse {
3      private $con;
4
5      public function __construct($con) {
6          $this->con = $con;
7      }
8
9      public function getTotalNurses() {
10         $result = mysqli_query($this->con, "SELECT COUNT(ID) As total_records FROM tblnurse");
11         $total_records = mysqli_fetch_array($result);
12         return $total_records['total_records'];
13     }
14
15     public function getNurses($offset, $total_records_per_page) {
16         $query = mysqli_query($this->con, "SELECT * FROM tblnurse LIMIT $offset, $total_records_per_page");
17         $nurses = [];
18         while ($result = mysqli_fetch_array($query)) {
19             $nurses[] = $result;
20         }
21         return $nurses;
22     }
23
24     public function getAllNurses($offset, $total_records_per_page) {
25         $query = "SELECT * FROM tblnurse LIMIT $offset, $total_records_per_page";
26         $result = $this->con->query($query);
27         $nurses = [];
28         while ($row = $result->fetch_assoc()) {
29             $nurses[] = $row;
30         }
31         return $nurses;
32     }
33 }
34 ?>
```


VIEW

View adalah komponen yang menampilkan antarmuka (user interface) untuk pengguna aplikasi. Antarmuka ini dibuat berdasarkan data dari model.

```
1 <!DOCTYPE html>
2 <html lang="zxx">
3
4 <head>
5   <title>Online Nurse Hiring System | Home </title>
6
7   <script>
8     addEventListener("load", function () {
9       setTimeout(hideURLbar, 0);
10    }, false);
11
12    function hideURLbar() {
13      window.scrollTo(0, 1);
14    }
15  </script>
16  <!-- Custom Theme files -->
17  <link href="css/bootstrap.css" type="text/css" rel="stylesheet" media="all">
18  <link href="css/style.css" type="text/css" rel="stylesheet" media="all">
19  <!-- font-awesome icons -->
20  <link href="css/fontawesome-all.min.css" rel="stylesheet">
21  <!-- //Custom Theme files -->
22  <!-- online-fonts -->
23  <link href="//fonts.googleapis.com/css?family=Lato:100,100i,300,300i,400,400i,700,700i,900,900i" rel="stylesheet">
24 </head>
25
26 <body>
27   <!-- banner -->
28   <div class="banner" id="home">
29     <!-- header -->
30     <?php include_once("navbar.php"); ?>
31     <!-- //header -->
32     <div class="container">
33       <!-- banner-text -->
34       <div class="banner-text">
35         <div class="callbacks_container">
36           <ul class="rslides" id="slider3">
37             <li>
38               <div class="slider-info">
39                 <span class="">providing total</span>
```


CONTROLLER

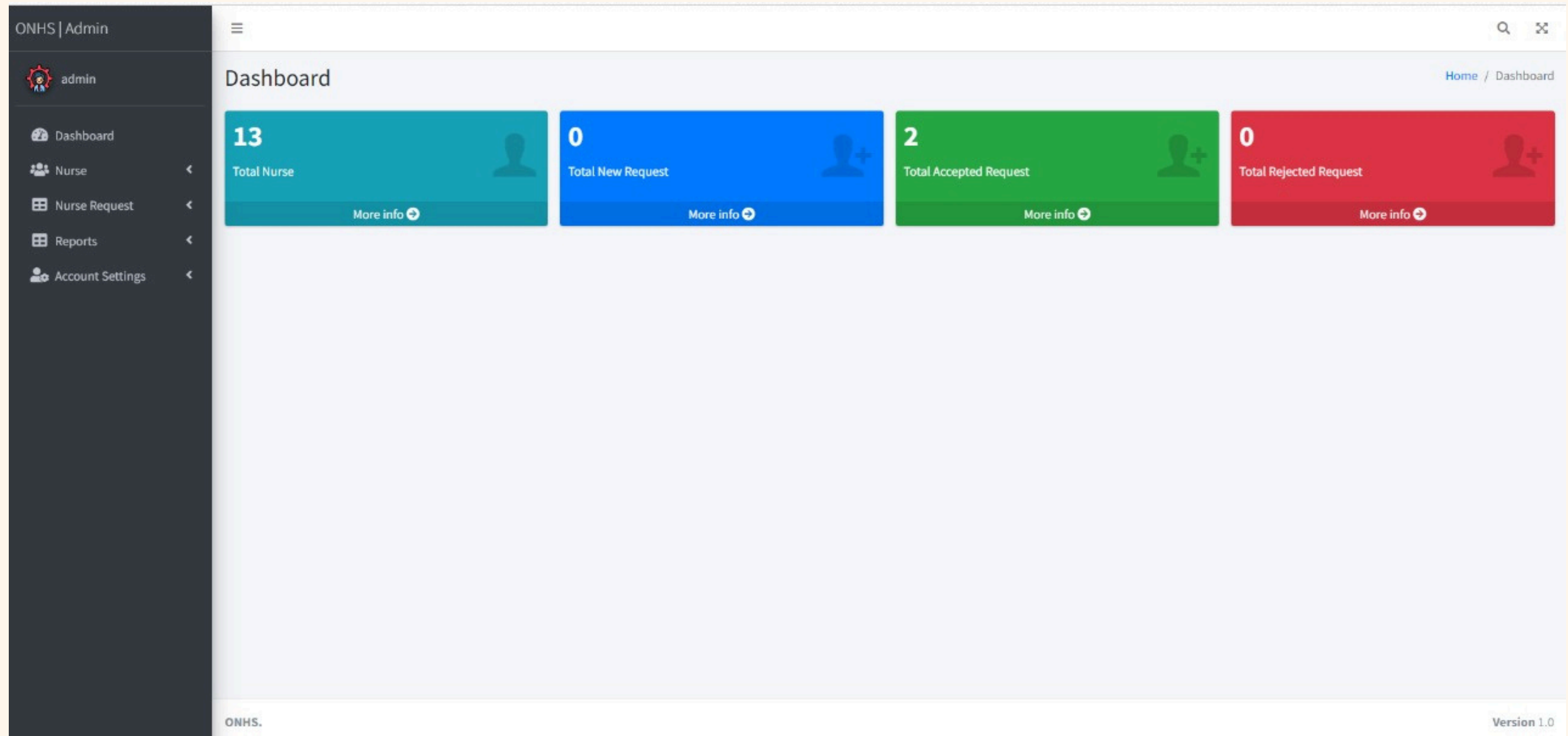
Controller merupakan komponen yang digunakan untuk menangani interaksi pengguna, bekerja dengan model, dan memilih view mana yang digunakan untuk me-render data.

```
1  <?php
2  class BookingController {
3      private $bookingModel;
4
5      public function __construct($bookingModel) {
6          $this->bookingModel = $bookingModel;
7      }
8
9      public function bookNurse() {
10         if (isset($_POST['submit'])) {
11             $nbid = $_GET['bookid'];
12             $contactname = $_POST['contactname'];
13             $contphonenum = $_POST['contphonenum'];
14             $contemail = $_POST['contemail'];
15             $fromdate = $_POST['fromdate'];
16             $todate = $_POST['todate'];
17             $timeduration = $_POST['timeduration'];
18             $patientdesc = $_POST['patientdesc'];
19             $bookingid = mt_rand(100000000, 999999999);
20
21             $availability = $this->bookingModel->checkAvailability($nbid, $fromdate, $todate);
22             if ($availability == 0) {
23                 $result = $this->bookingModel->bookNurse($bookingid, $nbid, $contactname, $contphonenum, $contemail, $fromdate, $todate, $timeduration, $patientdesc);
24                 if ($result) {
25                     echo '<script>alert("Your Booking Request Has Been Sent. We Will Contact You Soon.")</script>';
26                     echo "<script type='text/javascript'> document.location = 'team.php'; </script>";
27                 } else {
28                     echo "<script>alert('Something went wrong. Please try again.');"</script>";
29                 }
30             } else {
31                 echo "<script>alert('This nurse is not available for these dates.');"</script>";
32             }
33         }
34     }
35 }
36 ?>
```

GAMBAR SEBAGIAN HALAMAN PROJECT



GAMBAR SEBAGIAN HALAMAN PROJECT




GAMBAR SEBAGIAN HALAMAN PROJECT

ONHS | Admin


 admin

 Dashboard

 Nurse <

 Nurse Request <

 Reports <

 Account Settings <

My Profile

Dashboard / My Profile

Update the Info

Username (used for login)

admin

Full Name

Admin

Email address

admin@gmail.com

Mobile Number

1234596321

Registration Date

2021-04-20 01:30:00

Update

ONHS.

Version 1.0

GAMBAR SEBAGIAN HALAMAN PROJECT

ONHS | Admin

admin

Dashboard

Nurse

Nurse Request

Reports

Account Settings

☰

🔍

✕

Dashboard / Add Nurse

Persoanl Info

Full Name

Enter Nurse Full Name

Gender

Choose Gender

Email address

Enter email

Mobile Number

Enter email

Address

Enter address

City

Enter city

State

Enter State

Languages known (Languages should be Seprated by comma(,) Ex: English, Hindi)

Languages known

Profile Pic (Only jpg / jpeg/ png /gif format allowed)

Professional Info

Nursing Experience (in years)

Enter Experience

Nursing Certificate(if any) (Should be Seprated by comma(,))

Certificate

Education Description

Description

Submit

