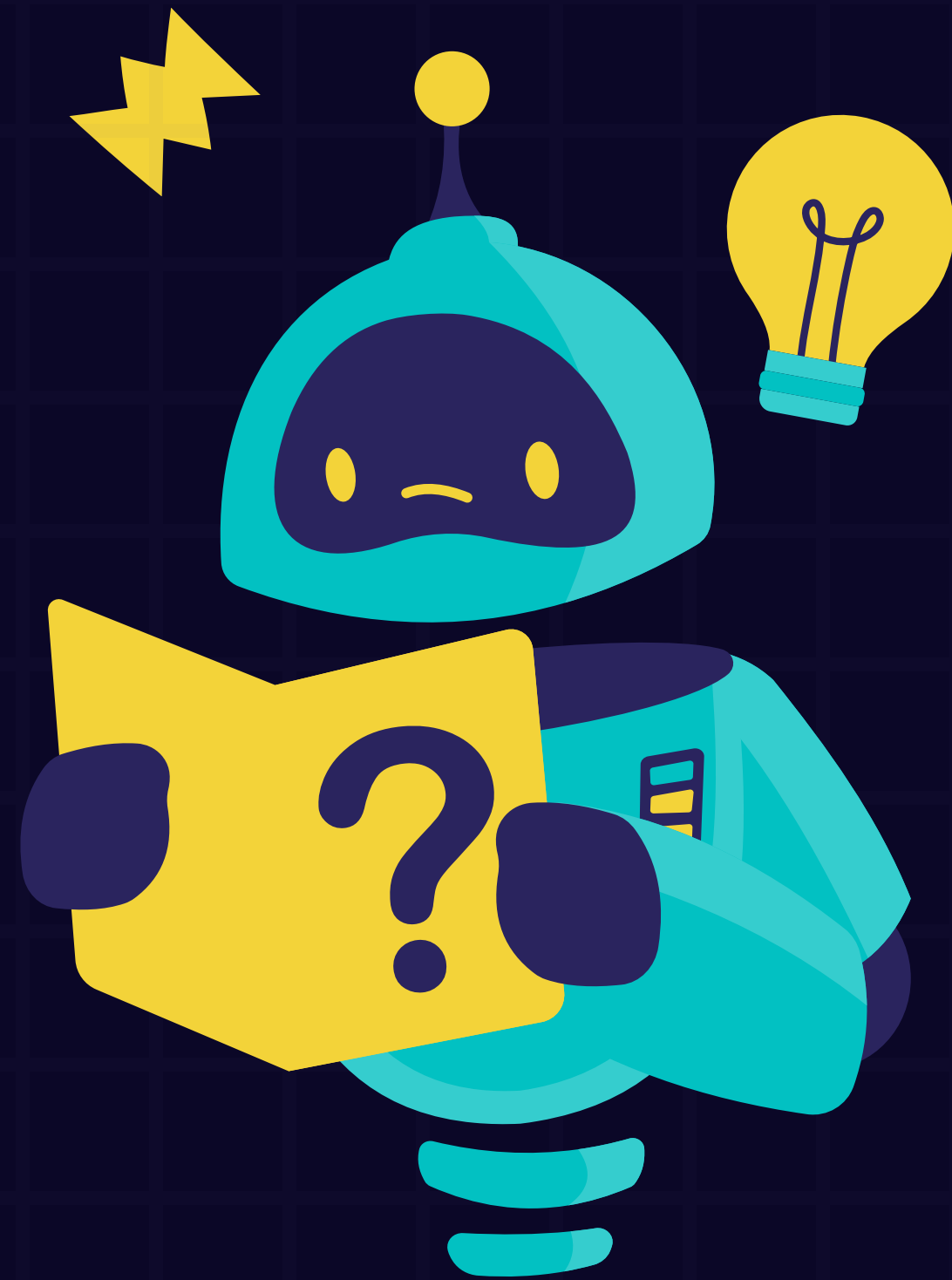


Implementasi Konsep MVC Pada projek PHP

Kelompok 2





Kelompok 2:

- Nisa Rianti (2208107010018)
- Tiara Agustin (2208107010018)
- Andika Pebriansyah (2208107010058)
- Rizky Yusmansyah (2208107010024)
- Muhammad Ridho (2208107010064)
- M. Agradika Ridhal Eljatin (2208107010020)



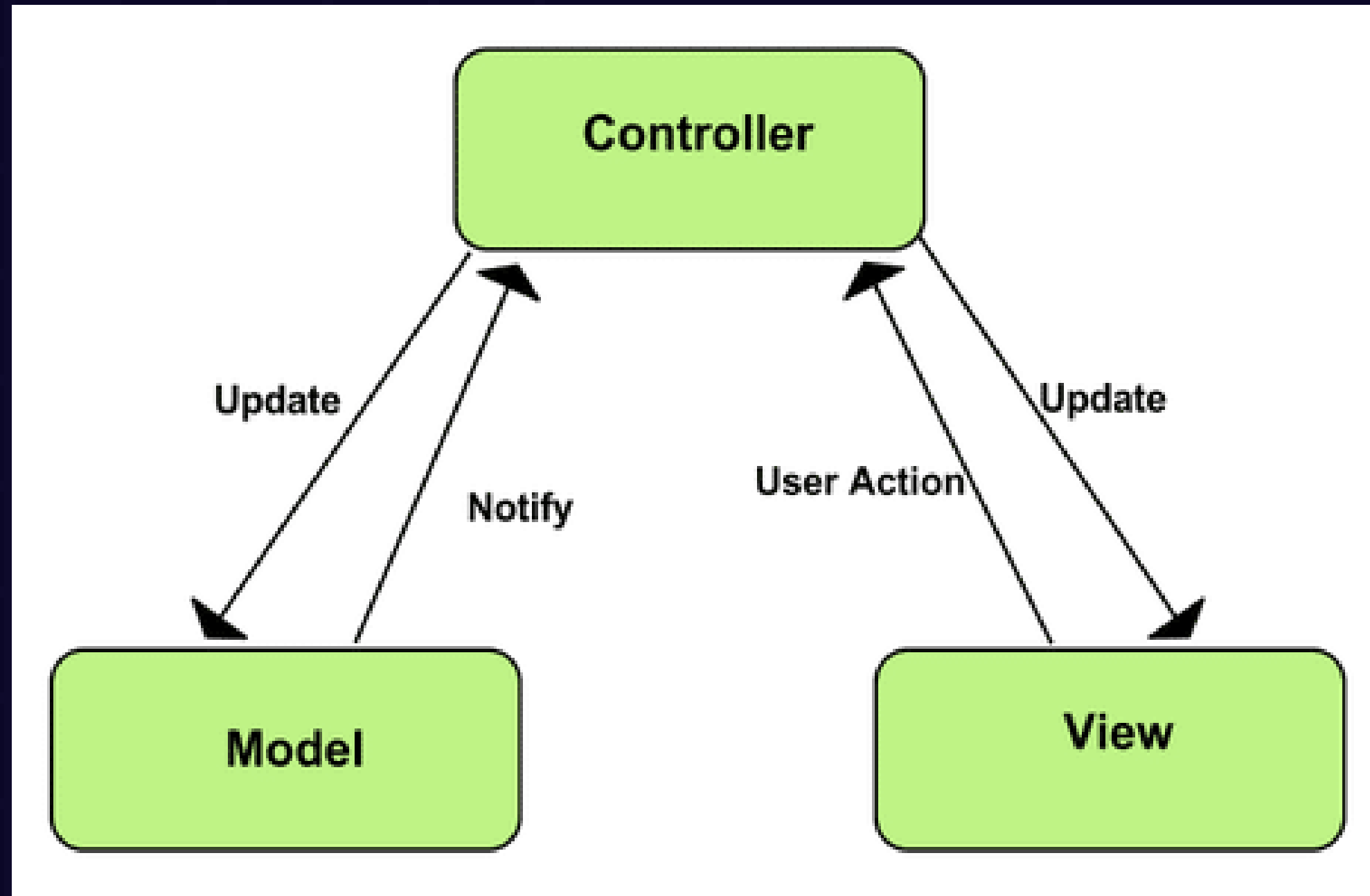
MVC

(Model–View–Controller)

Model–View–Controller atau MVC adalah sebuah metode untuk membuat sebuah aplikasi dengan memisahkan data (Model) dari tampilan (View) dan cara bagaimana memprosesnya (Controller).



Ilustrasi MVC



Project 1



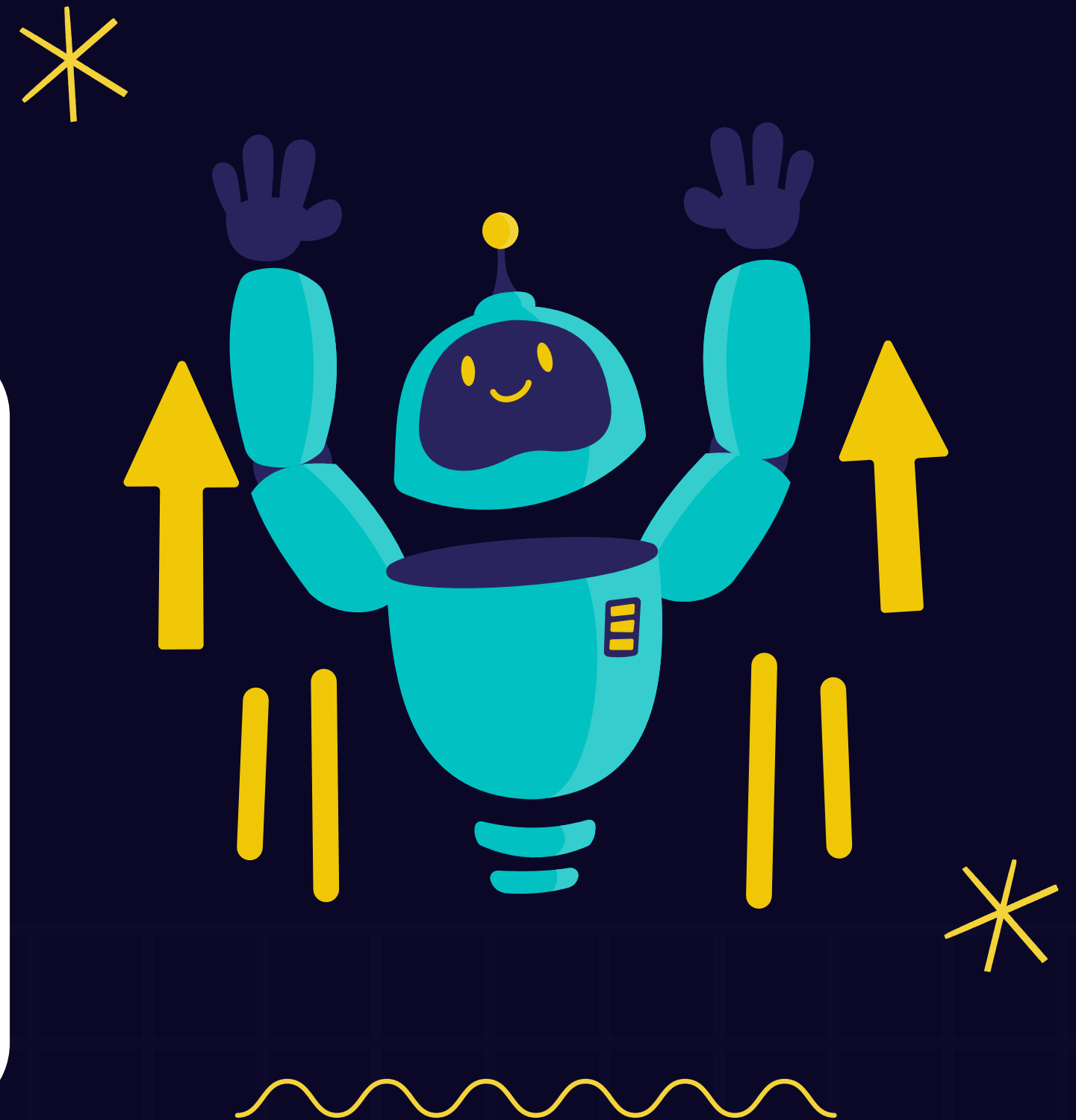
Online fire reporting system



MODEL

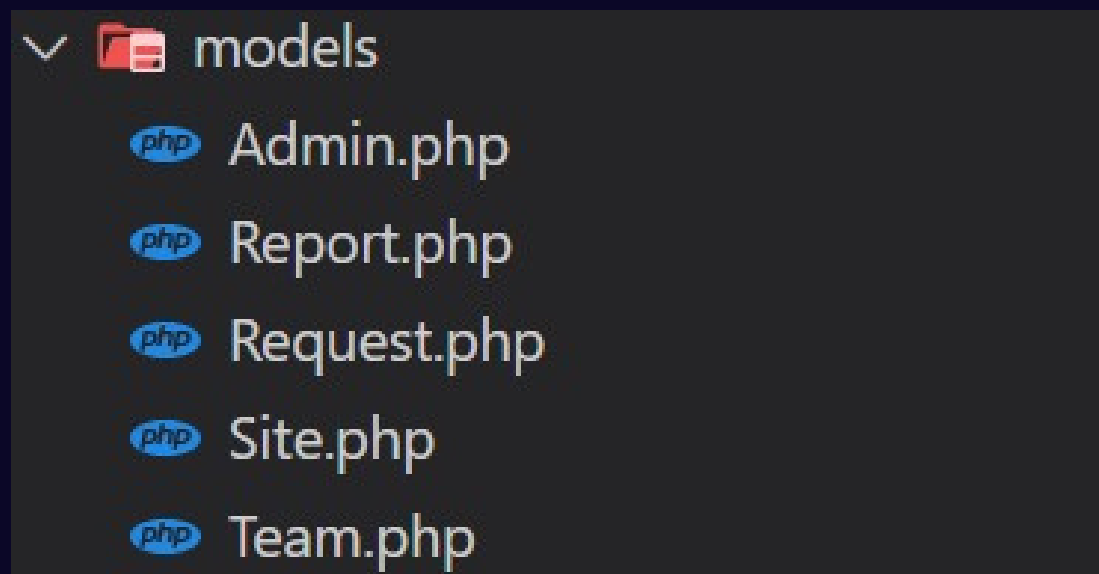
Definisi Model

Bagian yang bertugas untuk menyiapkan, mengatur, memanipulasi, dan mengorganisasikan data yang ada di database.



Implementasi model pada Project

Model



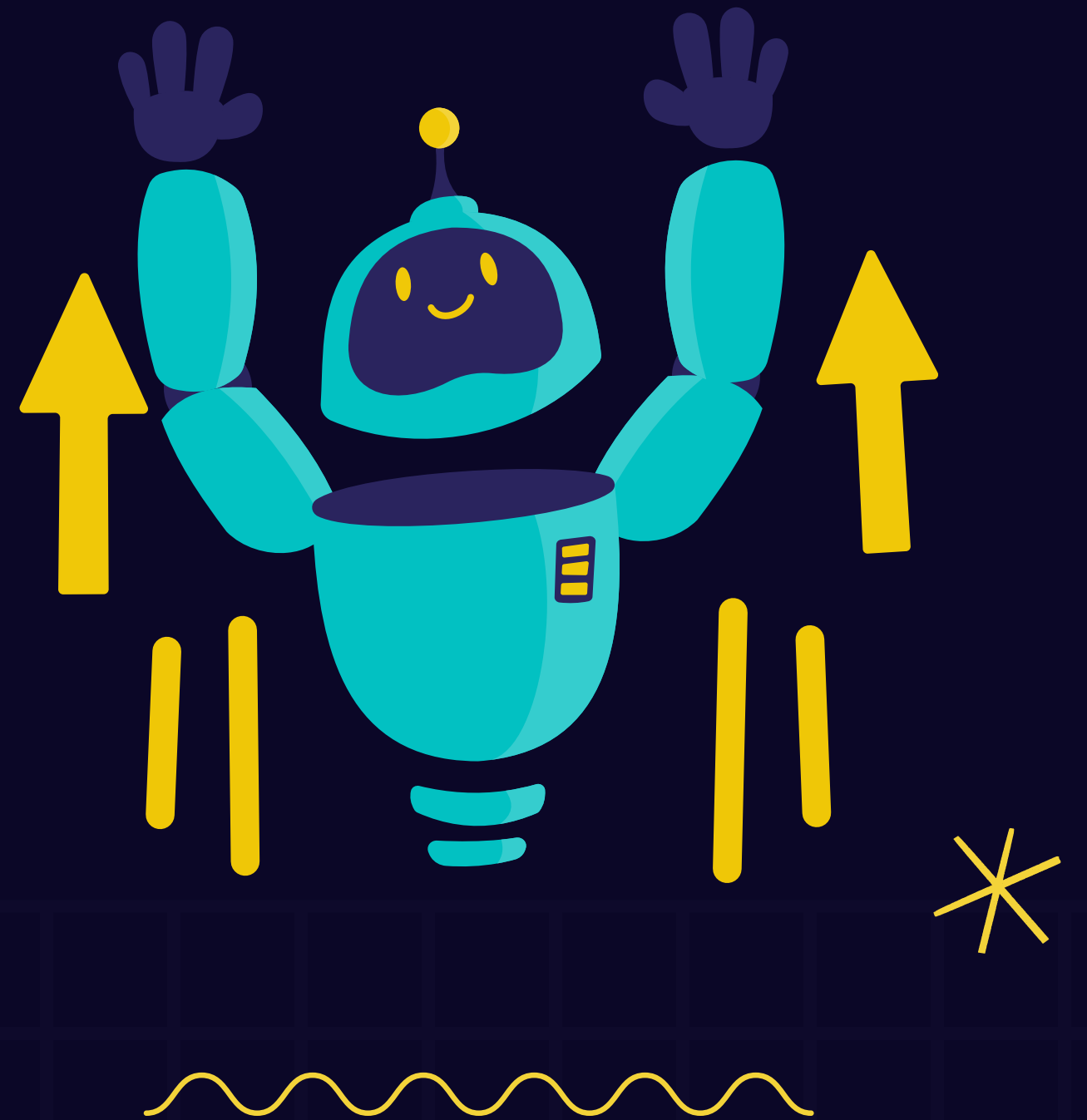
```
src > models > Admin.php > ...  
1  <?php  
2  
3  namespace MyApp\Models;  
4  
5  use MyApp\Core\Database;  
6  use PDO;  
7  
3 references | 0 implementations  
8  class Admin extends Database  
9  {  
10  
11  
6 references | 0 overrides | prototype  
12  public function __construct()  
13  {  
14      parent::__construct();  
15      $this->setTableName('tbladmin');  
16      $this->setColumn([  
17          'ID',  
18          'AdminName',  
19          'AdminuserName',  
20          'MobileNumber',  
21          'Email',  
22          'Password',  
23          'AdminRegdate',  
24          'userRole',  
25          'isActive',  
26      ]);
```



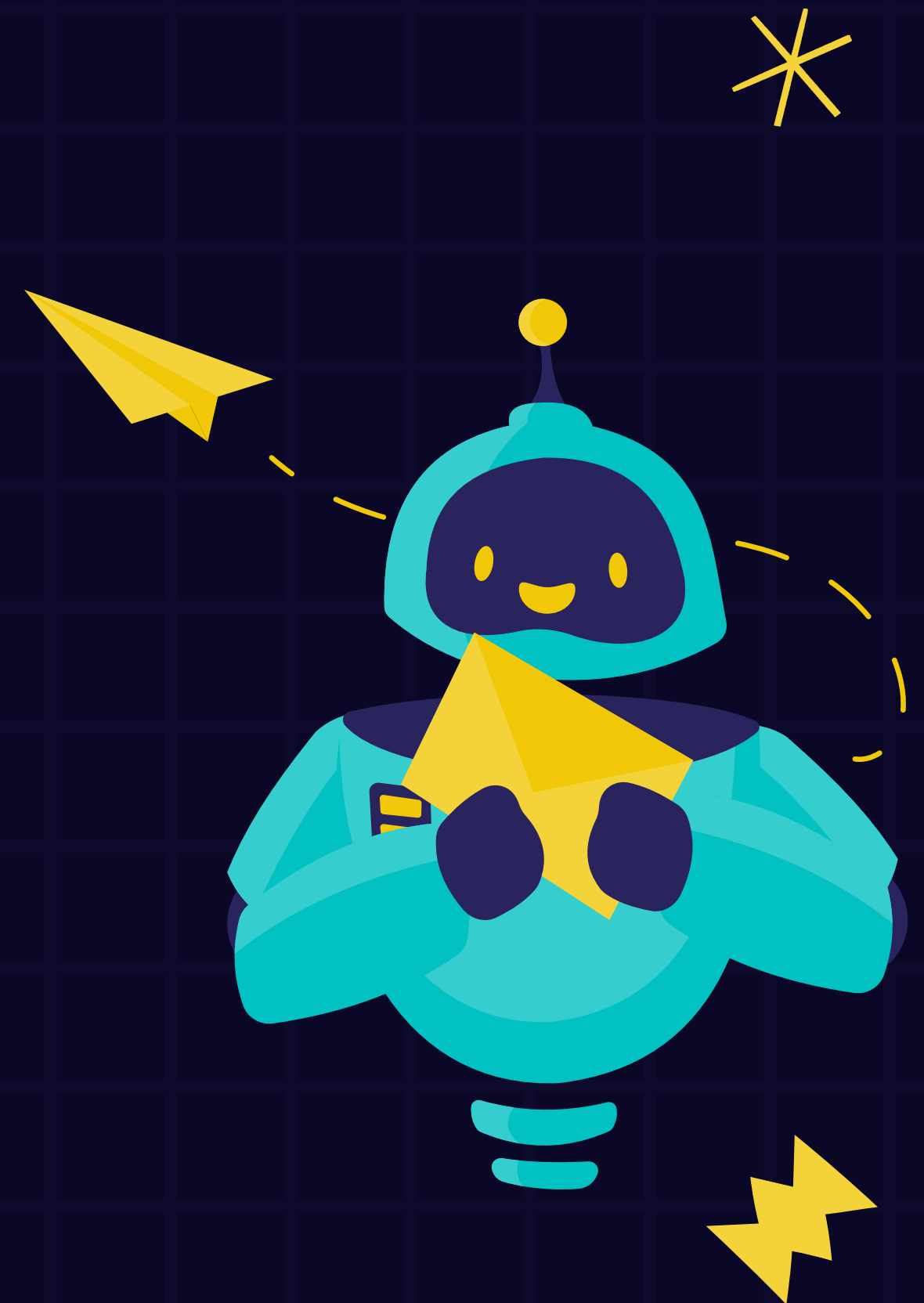
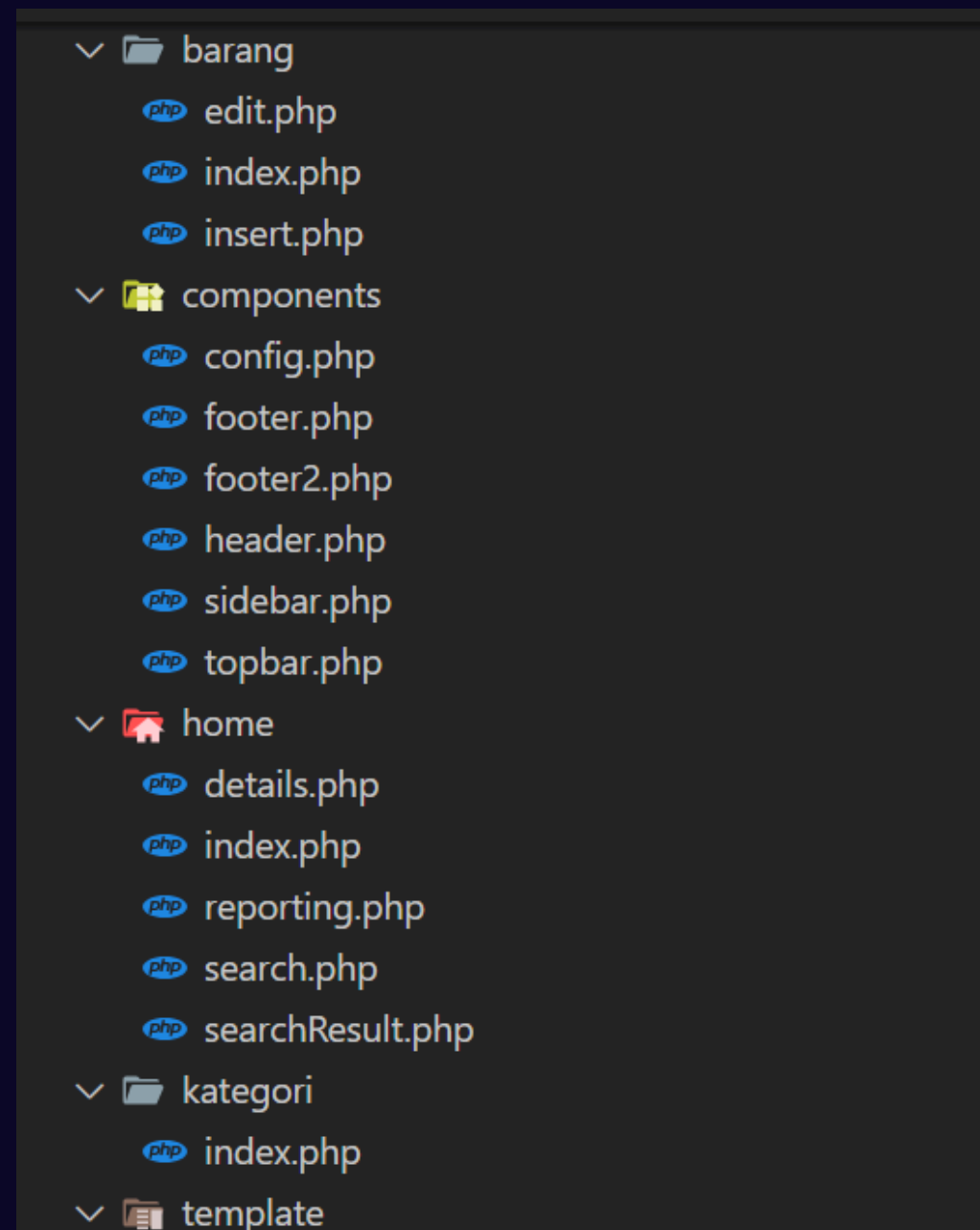
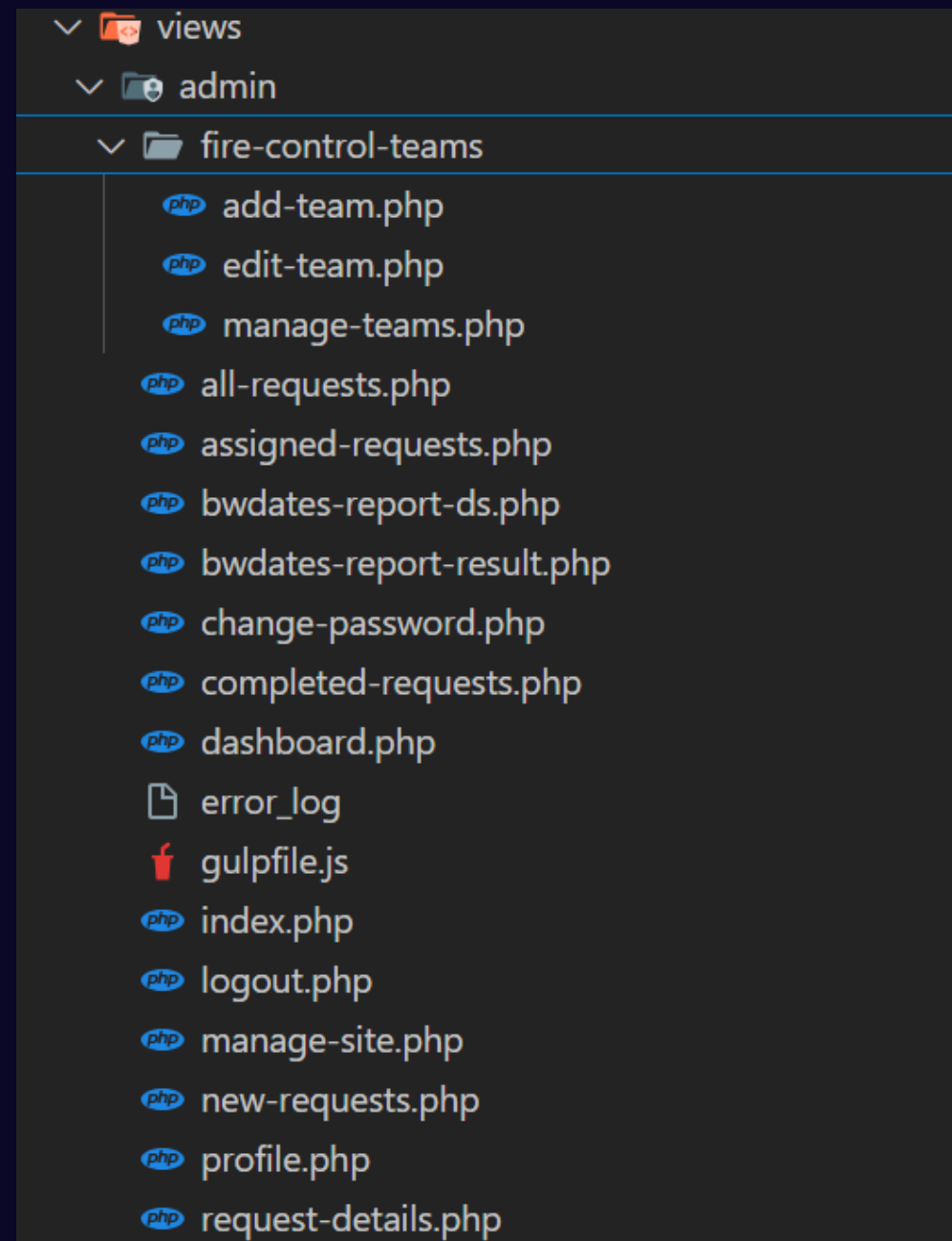
View

Definisi View

Bagian yang bertugas untuk menampilkan informasi dalam bentuk Graphical User Interface (GUI).



Implementasi View pada Project



Implementasi View pada Project

template

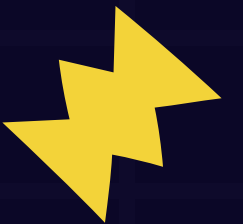
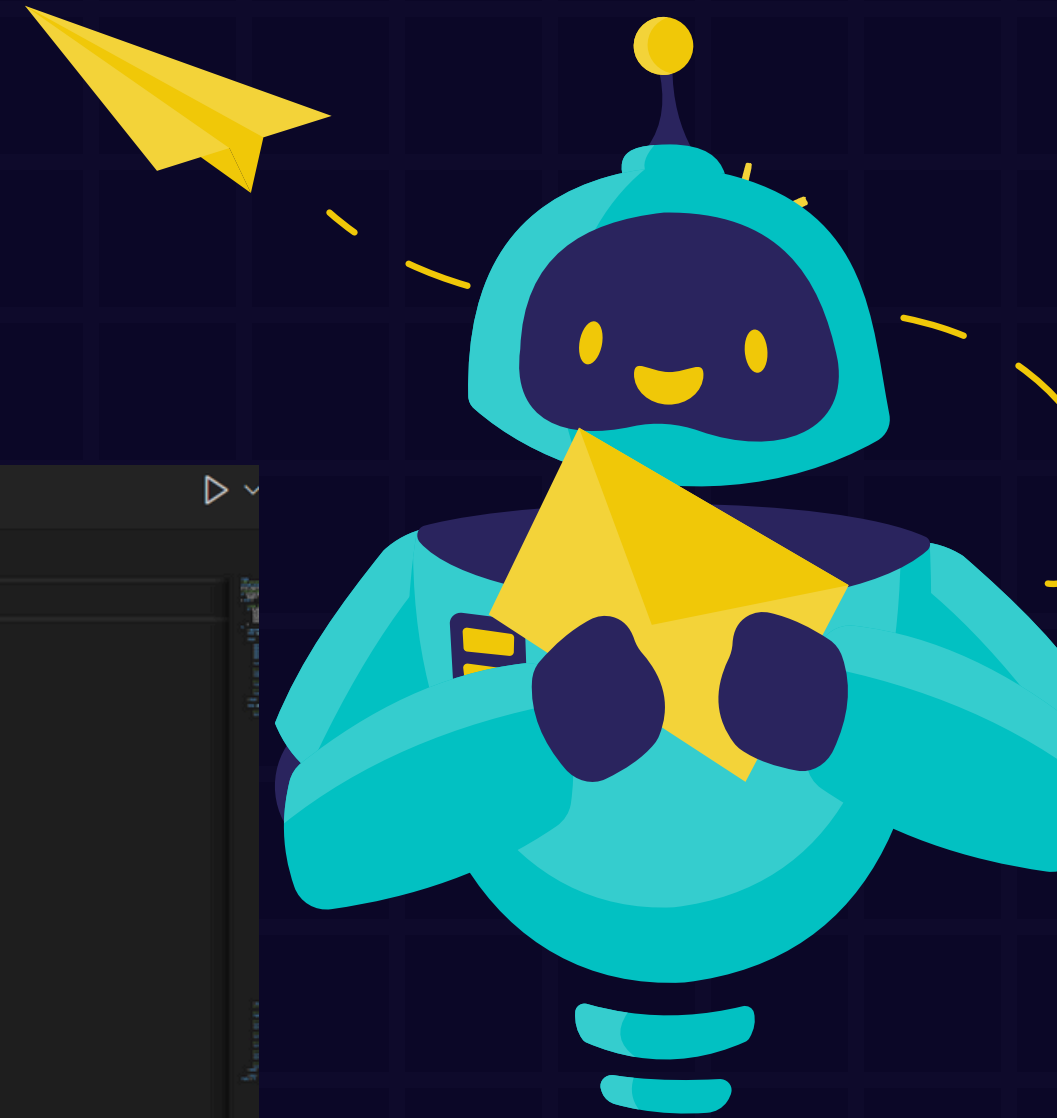
- php footer3.php
- php header4.php

.env

.htaccess

php index.php

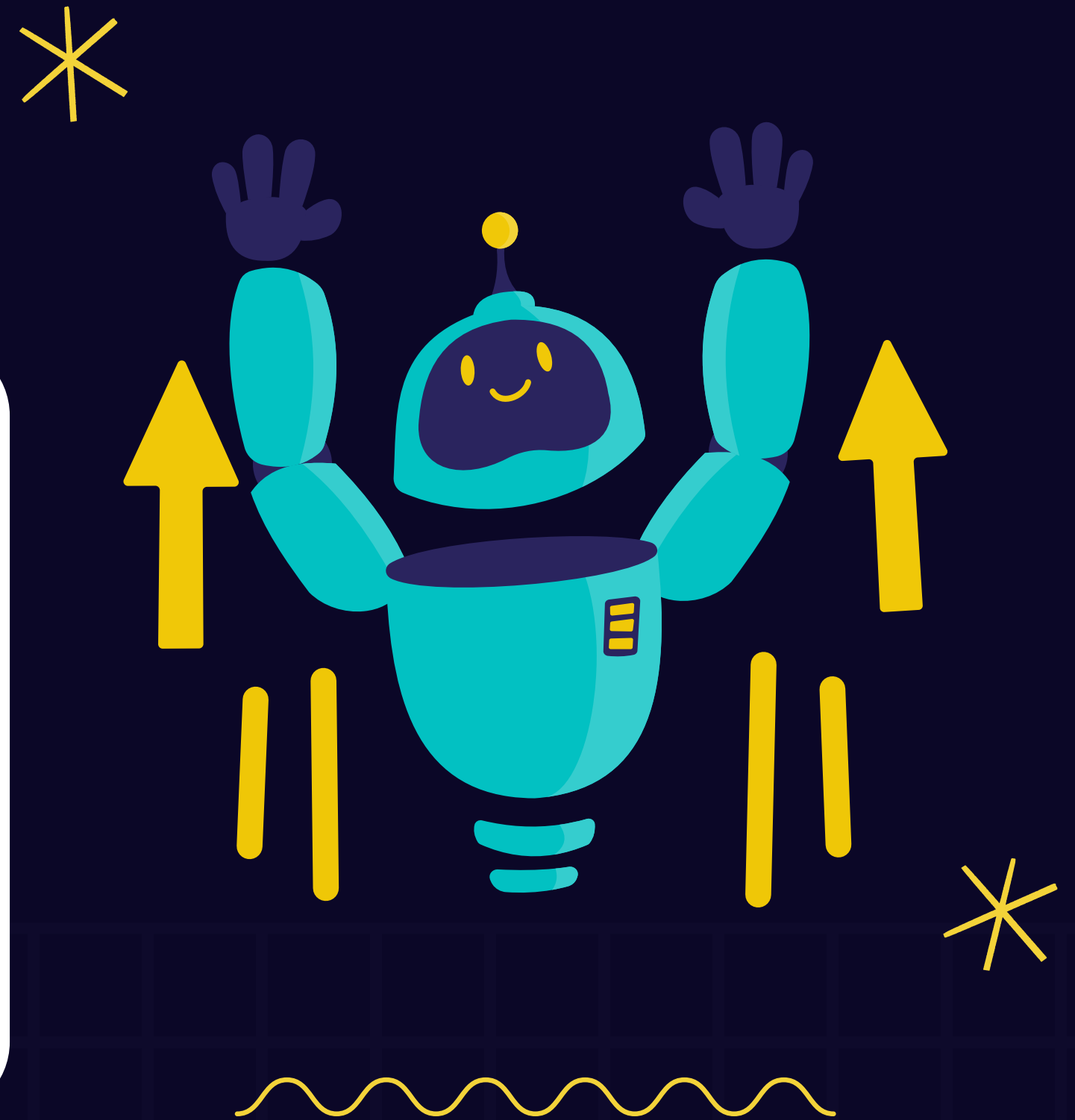
```
all-requests.php X
src > views > admin > all-requests.php
1  <?php
2  //DB connction
3  include_once('src/views/components/config.php');
4  error_reporting(0);
5  //validating Session
6  if (strlen($_SESSION['aid'] == 0)) {
7      header('location:logout');
8  } else {
9
10     //Code for record deletion
11     if ($_GET['teamid']) {
12         $tid = $_GET['teamid'];
13         mysqli_query($con, "delete from tblteams where id ='$tid'");
14         echo "<script>alert('Data Deleted');</script>";
15         echo "<script>>window.location.href='manage-teams.php'</script>";
16     }
17     ?>
18     <!DOCTYPE html>
19     <html lang="en">
20
21     <head>
22
23         <meta charset="utf-8">
24         <meta http-equiv="X-UA-Compatible" content="IE=edge">
25         <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
26         <meta name="description" content="">
27         <meta name="author" content="">
28
29         <title>Manage All Fire Reporting</title>
30     </head>
31     <body>
```



Controller

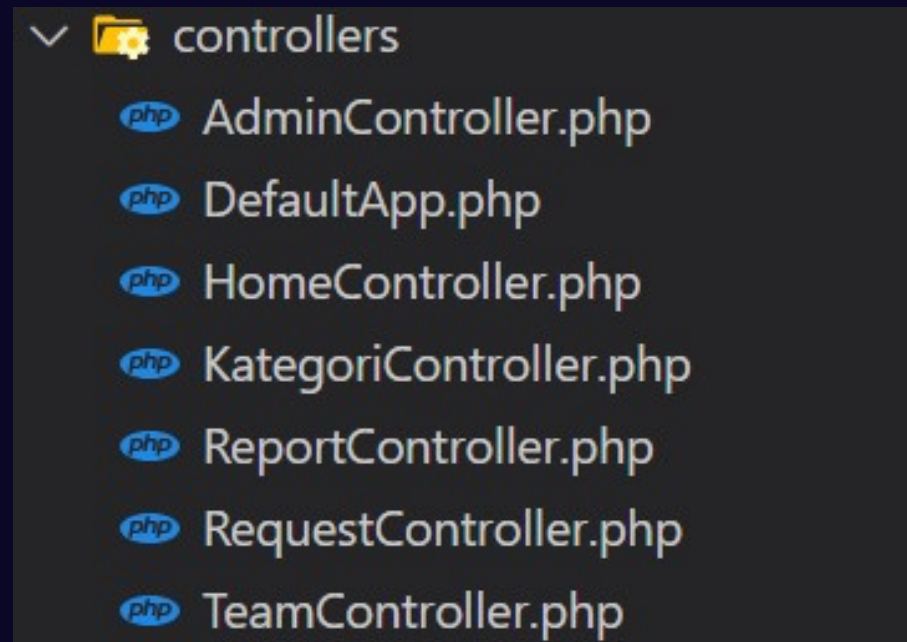
Definisi Controller

Bagian yang bertugas untuk menghubungkan serta mengatur model dan view agar dapat saling terhubung.



Implementasi Controller pada Project

Controller



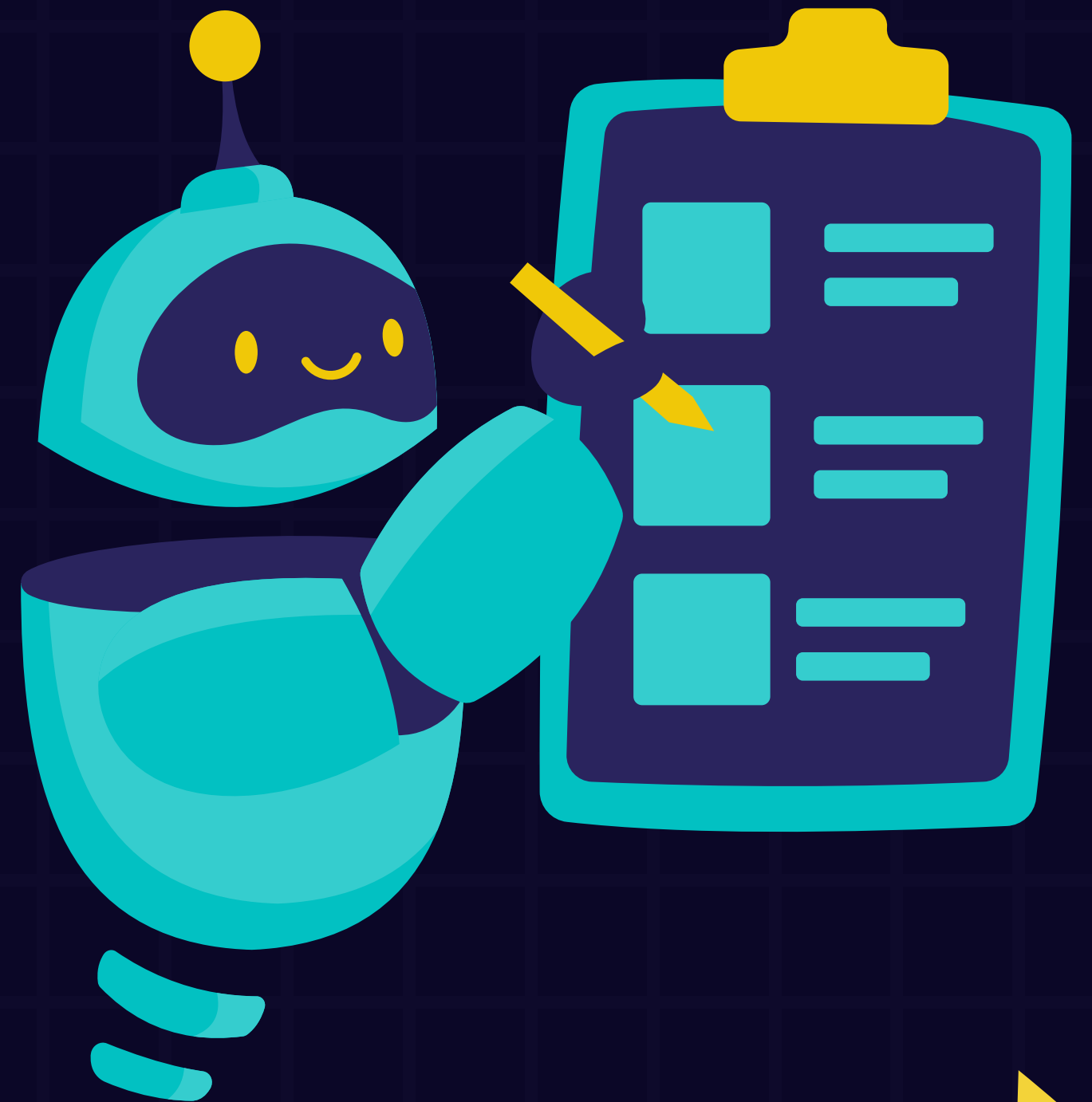
```
fireReport > src > controllers > AdminController.php > ...  
1  <?php  
2  namespace MyApp\Controllers;  
3  
4  use MyApp\Core\BaseController;  
5  use MyApp\Models\Admin;  
6  
7  0 references | 0 implementations  
8  class AdminController extends BaseController  
9  {  
10     4 references | 0 overrides  
11     public function index()  
12     {  
13         $this->view('admin/index');  
14     }  
15  
16     0 references | 0 overrides  
17     public function login() {  
18         session_start();  
19         if (isset($_POST['login'])) {  
20             $uname = $_POST['username'];  
21             $password = md5($_POST['inputpwd']);  
22  
23             $adminModel = new Admin();  
24             $ret = $adminModel->login($uname, $password);  
25  
26             if ($ret) {  
27                 $_SESSION['aid'] = $ret['ID'];  
                header('location: dashboard');
```



Project 2



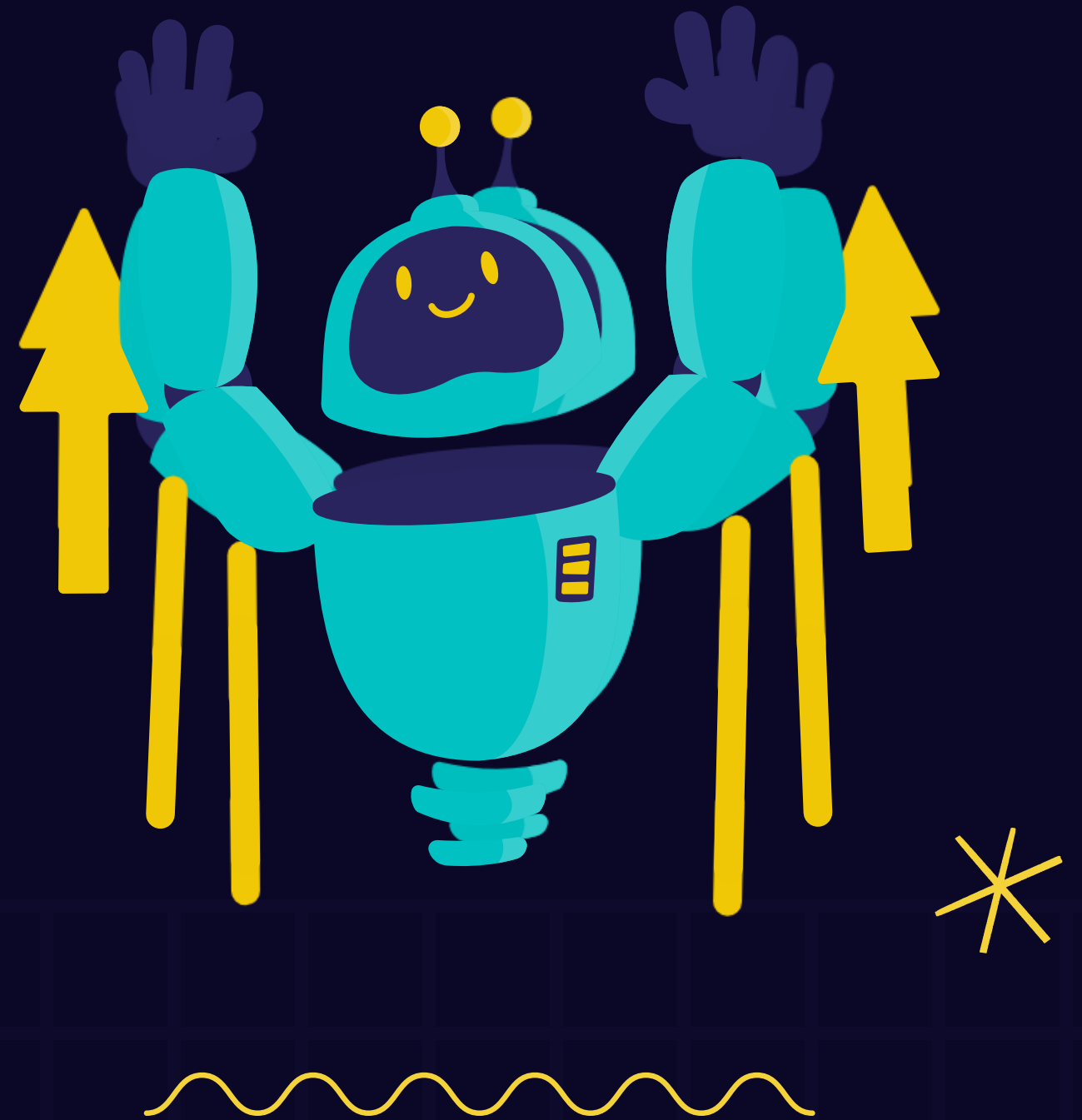
Student Result Management System



MODEL


Definisi Model








Bagian yang bertugas untuk menyiapkan, mengatur, memanipulasi, dan mengorganisasikan data yang ada di database.



Implementasi model pada Project

Model

✓  Models

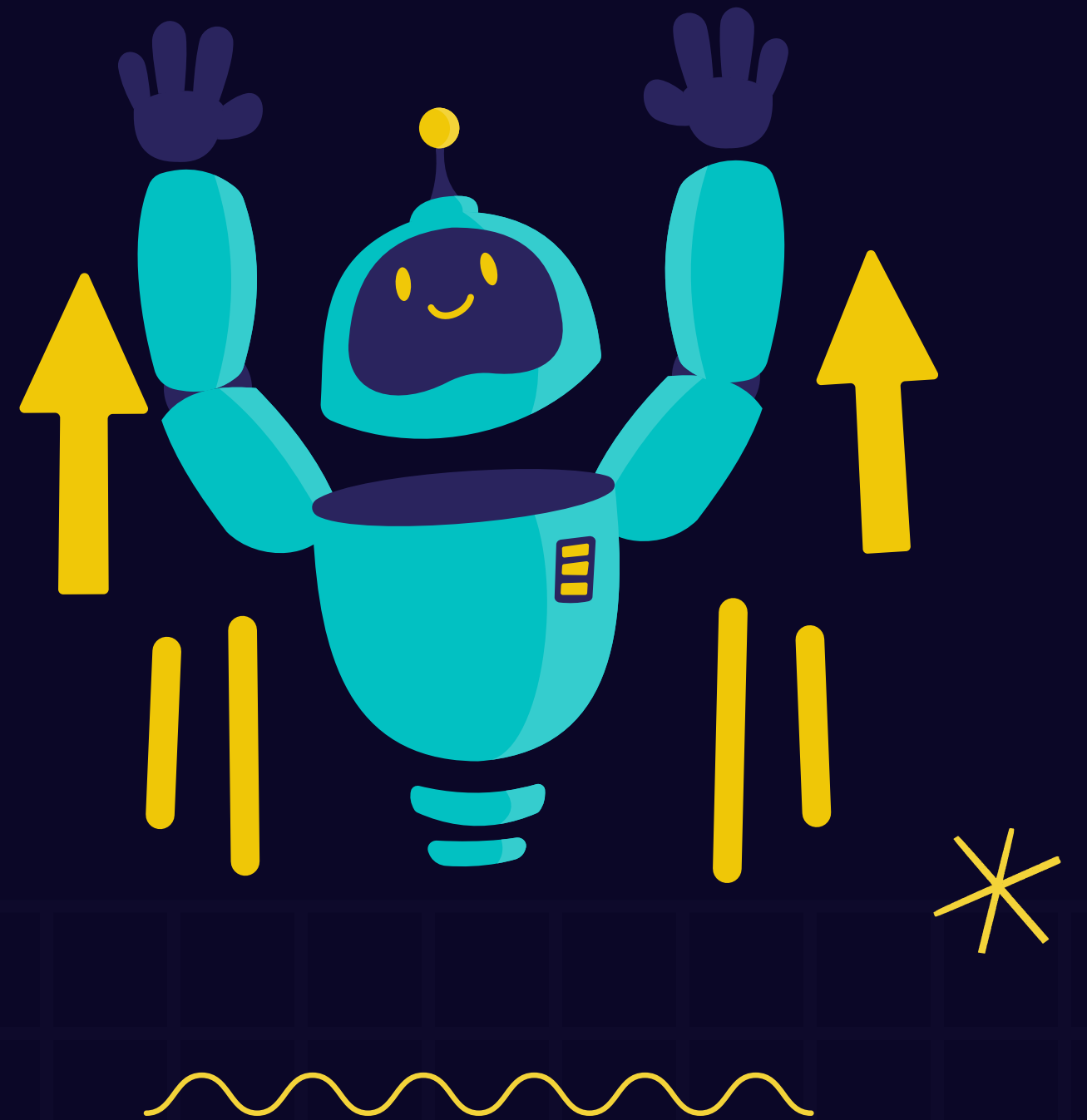
-  admin.php
-  tblclasses.php
-  tblnotice.php
-  tblresult.php
-  tblstudents.php
-  tblsubjectcombination.php
-  tblsubjects.php



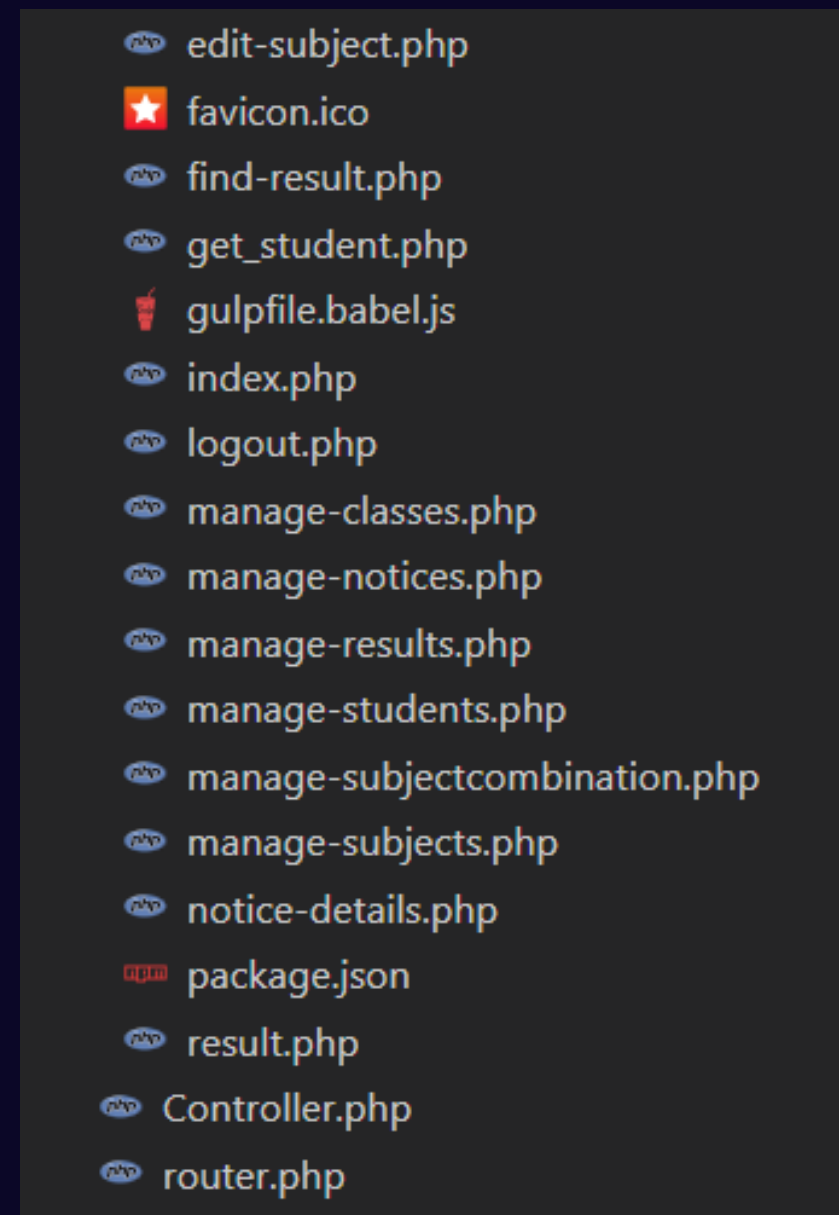
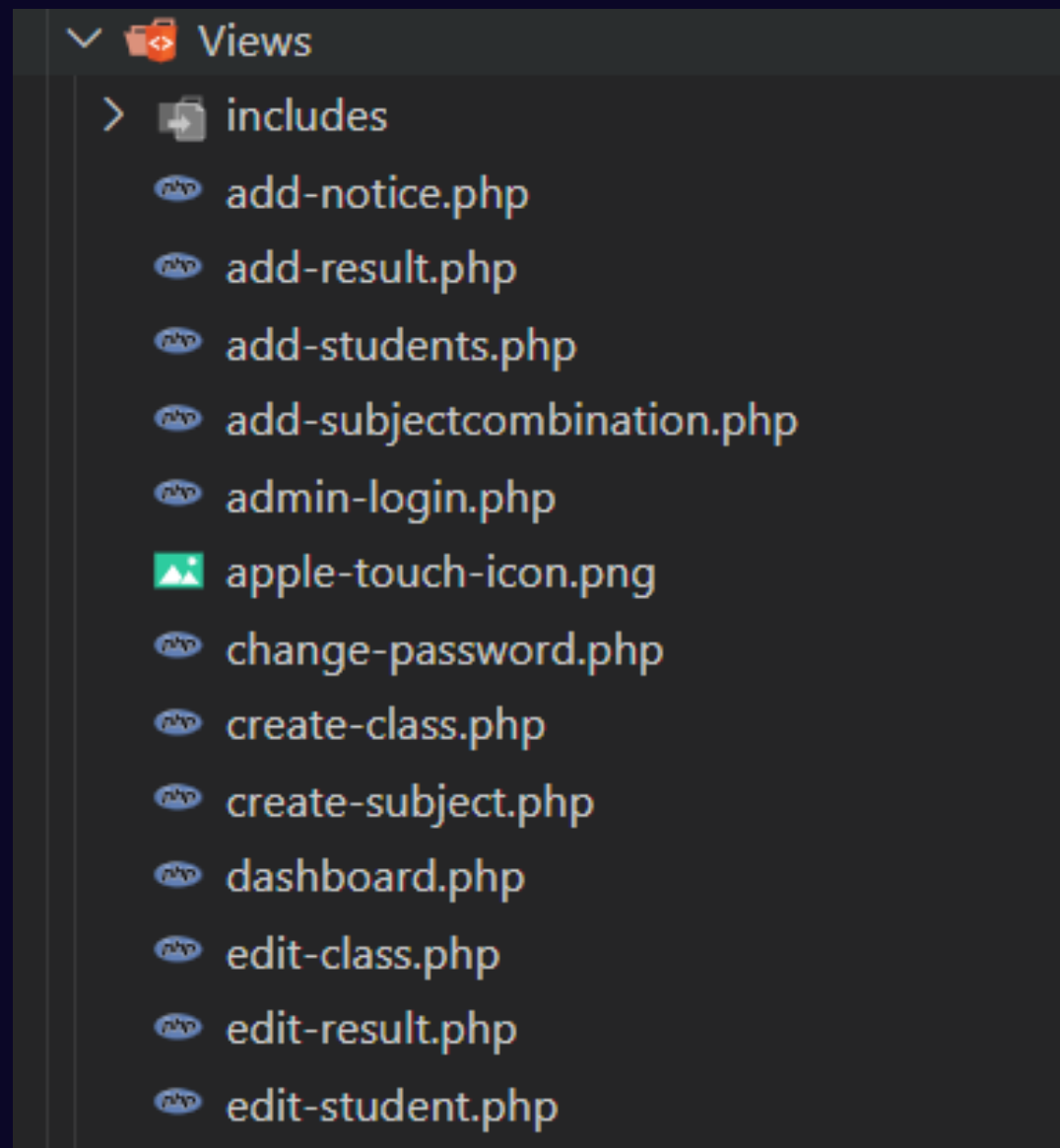
View

Definisi View

Bagian yang bertugas untuk menampilkan informasi dalam bentuk Graphical User Interface (GUI).



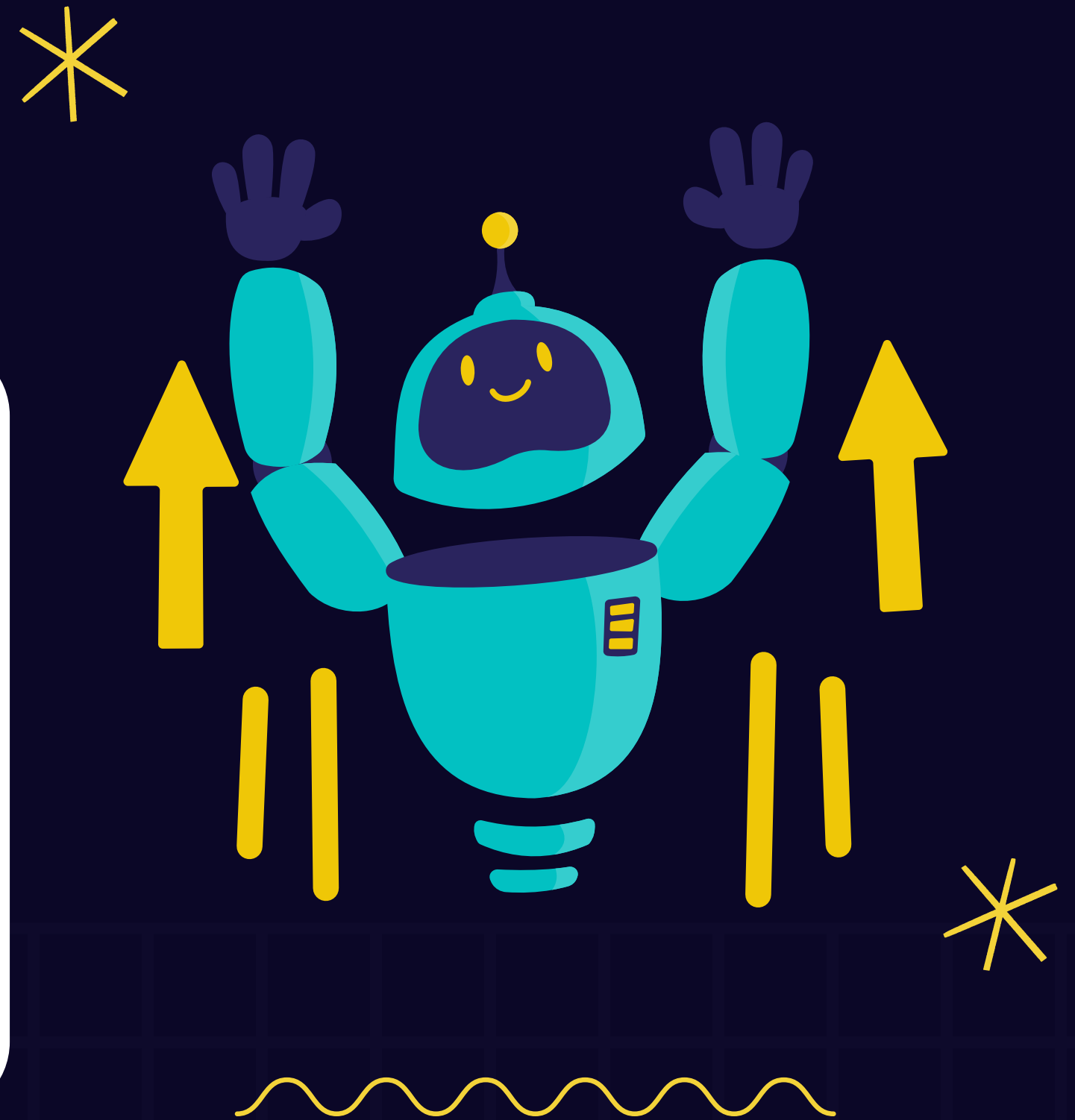
Implementasi View pada Project



Controller

Definisi Controller

Bagian yang bertugas untuk menghubungkan serta mengatur model dan view agar dapat saling terhubung.



Implementasi Controller pada Project

Controller

