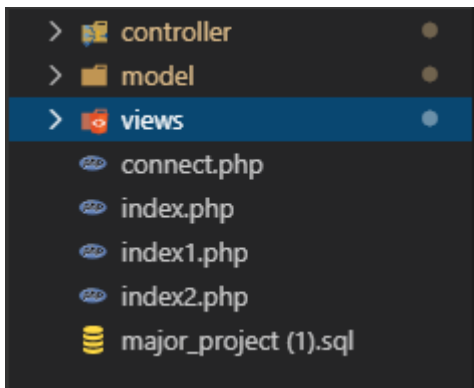


# Document of choose major

## ❖ Folder Structure



## ❖ Controller.php

- I. Function flexible\_function(\$data) create for manage user do action
  1. For the first we have on variable name (\$function = "view") and then we call it (\$function(\$data) in php variable will change to function when it has been call), so after call \$function(\$data) it mean that first time user opens the system the system will display view page first.

```
<?php
$data = array();
flexible_function($data);
function flexible_function(&$data) {
    $function = "view";
    $function($data);
}
```

2. If the user does the action, we need to add code more

### ➤ home\_controller.php

- In controller/home\_controller.php on line 3 – 11

```
function flexible_function(&$data) {
    $function = "view";
    if(isset($_GET['action'])) {
        $action = $_GET['action'];
        $function = $action;
    }
    $function($data);
}
```

For the code add more, it works when user click on the action (action in \$\_GET['action'])  
It a variable that will change to the name of action when user click on)

- **Action view**

In controller/home\_controller.php on line 13 – 16

For this code, it will appear form login

```
function view(&$data) {
    $data['view'] = m_view();
    $data['page'] = "test/view";
}
```

- **Action go\_homePage**

In controller/home\_controller.php on line 22 – 32

```
function go_homePage(&$data) {
    session_start();
    $data['user'] = getUser($_POST);
    foreach ($data['user'] as $key => $value) {
        if($value['passwords'] == $_SESSION['password'] && $value[
'username'] = $_SESSION['username']) {
            $data['dashborad'] = m_view();
            $data['page'] = "pages/home";
        }else {
            $data['page'] = "test/view";
        }
    }
}
```

For this code, Need to complete username and password correct

- **Action home**

In controller/home\_controller.php on line 18 – 21

For this code, it will view home page

```
function home(&$data) {
    $data['home'] = m_home();
    $data['page'] = "pages/home";
}
```

- **sna\_controller.php**

- **Action view**

In controller/sna\_controller.php on line 13 – 16

```
function view_sna(&$data){
    $data['student_data'] = get_data();
    $data['page'] = "pages/sna/view_sna";
}
```

For this code it will view sna page

- **Action add**

In controller/sna\_controller.php on line 18 – 20

```
function add(&$data) {
    $data['page'] = "pages/sna/view_sna";
}
```

For this code it modal view form add

- **Action form\_data**

In controller/sna\_controller.php on line 22 – 30

```
function form_data(&$data){
    $add = add_data($_POST);
    if($add){
        $action = "view_sna";
    } else {
        $action = "add";
    }
    header("Location:index1.php?action=$action");
}
```

This function for bring student to page add information and add student

- **Action detail**

In controller/sna\_controller.php on line 32 – 35

```
function detail(&$data) {
    $data['student_data'] = m_detail();
    $data['page'] = "pages/sna/detail";
}
```

This function for view detail about student's information

- **Action update\_profile**

In controller/sna\_controller.php on line 37 – 40

```
function update_profile(&$data) {
    $data['student'] = m_detail();
    $data['page'] = "pages/sna/changeProfile";
}
```

This function for bring update\_profile of student

- **Action change\_profile**

In controller/sna\_controller.php on line 42 – 51

```
function change_profile(&$data) {
    $change_profile = m_change_profile($_POST);
    $id = $_GET['id'];
    if($change_profile) {
        $action = "detail&id=$id";
    }else {
        $action = "edit";
    }
    header("Location: index1.php?action=$action");
}
```

This function for change profile of student

- **Action edit**

In controller/sna\_controller.php on line 55 – 58

```
function edit(&$data) {
    $data['student_data'] = m_detail();
    $data['page'] = "pages/sna/edit";
}
```

This function for get data from view.php to display in edit form

- **Action edit\_data**

In controller/sna\_controller.php on line 59 – 67

```
function edit_data(&$data) {
    $update_data = m_update_data($_POST);
    if($update_data) {
        $action = "view_sna";
    }else {
        $action = "edit";
    }
    header("Location: index1.php?action=$action");
}
```

This function for route if data edit corrects in database

- **Action delete**

In controller/sna\_controller.php on line 69 – 77

```
function delete(&$data) {
    $result = m_delete();
    if($result) {
        $action = "view";
    }else {
        echo "Cannot delete this record!!!";
    }
    header("Location: index1.php?action=$action");
}
```

This function is for delete information student on view.php

- **web\_controller.php**

- **Action view\_web**

In controller/web\_controller.php on line 13 – 16

```
function view(&$data){
    $data['student_data'] = get_data();
    $data['page'] = "pages/web/view_web";
}
```

For this code it will view sna page

- **Action add**

In controller/web\_controller.php on line 28 – 31

```
function add(&$data) {
    $data['page'] = "pages/web/view_web";
}
```

For this code, it will alert modal form add

- **Action form\_data**

In controller/web\_controller.php on line 22 – 30

```
function form_data(&$data){  
    $add = add_data($_POST);  
    if($add){  
        $action = "view_web";  
    } else {  
        $action = "add";  
    }  
    header("Location:index2.php?action=$action");  
}
```

This function for bring student to page add information and add student

- **Action detail**

In controller/web\_controller.php on line 32 – 35

```
function detail(&$data) {  
    $data['student_data'] = m_detail();  
    $data['page'] = "pages/web/detail";  
}
```

This function for view detail about student's information

- **Action update\_profile**

In controller/web\_controller.php on line 38 – 41

```
function update_profile(&$data) {  
    $data['student'] = m_detail();  
    $data['page'] = "pages/web/changeProfile";  
}
```

This function for bring update\_profile of student

- **Action change\_profile**

In controller/web\_controller.php on line 42 – 51

```
function change_profile(&$data) {  
    $change_profile = m_change_profile($_POST);  
    $id = $_GET['id'];  
    if($change_profile) {  
        $action = "detail&id=$id";  
    }else {  
        $action = "edit";  
    }  
    header("Location: index2.php?action=$action");  
}
```

This function for change profile of student

- **Action edit**

In controller/web\_controller.php on line 53 – 56

```
function edit(&$data) {  
    $data['student_data'] = m_detail();  
    $data['page'] = "pages/web/edit";  
}
```

This function for get data from view.php to display in edit form

- **Action edit\_data**

In controller/web\_controller.php on line 58 – 66

```
function edit_data(&$data) {  
    $update_data = m_update_data($_POST);  
    if($update_data) {  
        $action = "view_web";  
    }else {  
        $action = "edit";  
    }  
    header("Location: index2.php?action=$action");  
}
```

This function for route if data edit corrects in database

- **Action delete**

In controller/web\_controller.php on line 68 – 76

```
function delete(&$data) {  
    $result = m_delete();  
    if($result) {  
        $action = "view_web";  
    }else {  
        echo "Cannot delete this record!!!";  
    }  
    header("Location: index2.php?action=$action");  
}
```

This function is for delete information student on view.php

## ❖ model.php

- **home\_model.php**

- **Action m\_view**

In model/home\_model.php on line 2 - 12

```
function m_view() {  
    include "connect.php";  
    $query = mysqli_query($conn,"SELECT * FROM info_student");  
    $result = [];  
    if($query && mysqli_num_rows($query)) {  
        foreach($query as $row) {  
            $result[] = $row;  
        }  
    }  
}
```

```

    }
    return $result;
}

```

This function for display data and use query `SELECT * FROM info_student`

- **Action getUser**

In model/home\_model.php on line 22 - 34

```

function getUser() {
    $password = $_POST['password'];
    $name = $_POST['username'];
    $_SESSION['password'] = $password;
    $_SESSION['username'] = $name;
    include 'connect.php';
    $query = mysqli_query($conn, "SELECT * FROM login");
    $result = [];
    foreach($query as $row){
        $result[] = $row;
    }
    return $result;
}

```

This function getUser for get username and password from database and use query `SELECT * FROM login`

- **sna\_model.php**

- **Action get\_data**

In model/sna\_model.php on line 2 - 13

```

function get_data(){
    $query = "SELECT * FROM tbl_sna";
    include "connect.php";
    $rows = [];
    $result = mysqli_query($conn,$query);
    if($result && mysqli_num_rows($result)>0){
        foreach($result as $record){
            $rows[] = $record;
        }
    }
    return $rows;
}

```

This function for get data from database and use `SELECT * FROM tbl_sna`

- **Action add\_data**

In model/sna\_model.php on line 15- 32

```

function add_data($data) {
    include "connect.php";
    $firstname = $_POST['firstname'];

```

```

        $lastname = $_POST['lastname'];
        $class = $_POST['class'];
        $sex = $_POST['sex'];
        $email = $_POST['email'];
        $reason = $_POST['reason'];
        $major = $_POST['major'];
        $filename = $_FILES['profile']['name'];
        $fileLocation = $_FILES['profile']['tmp_name'];
        move_uploaded_file($fileLocation, "View/img/".$filename);

        $query = "INSERT INTO tbl_sna(first_name ,last_name, gender, class, email
, major, reason, profile)
        VALUES('$firstname', '$lastname', '$sex', '$class', '$email','$
major','$reason', '$filename')";
        $result = mysqli_query($conn, $query);
        return $result;
    }

```

This function for add data student to store in database and use query

```

INSERT INTO tbl_sna (first_name, last_name, gender, class, email, major,
reason, profile)
VALUES
('$firstname', '$lastname', '$sex', '$class', '$email','$major','$reason',
'$filename');

```

#### o Action m\_detail

In model/sna\_model.php on line 35- 40

```

function m_detail() {
    $id = $_GET['id'];
    $query = "SELECT * FROM tbl_sna WHERE id = $id";
    include "connect.php";
    $result = mysqli_query($conn,$query);
    return $result;
}

```

This function for show student's information detail and user query

```

SELECT * FROM tbl_sna WHERE id = $id

```

#### o Action m\_update\_data

In model/sna\_model.php on line 43- 58

```

function m_update_data($data) {
    include "connect.php";
    $id = $_GET['id'];
    $firstname = $_POST['firstname'];
    $lastname = $_POST['lastname'];
    $class = $_POST['class'];
    $sex = $_POST['sex'];
    $email = $_POST['email'];
    $reason = $_POST['reason'];
    $major = $_POST['major'];
}

```



```

        $query = "UPDATE tbl_sna SET first_name='$firstname',last_name='$lastname',class = '$class',gender='$sex',email='$email',reason='$reason',major='$major' WHERE id='$id'";

        $result = mysqli_query($conn, $query);
        return $result;
    }

```

This function for update data student's form database and use query

```

UPDATE tbl_sna SET first_name='$firstname',last_name='$lastname',class = '$class',gender='$sex',email='$email',reason='$reason',major='$major' WHERE id='$id'

```

- **Action m\_change\_profile**

In model/sna\_model.php on line 60 – 72

```

function m_change_profile($data) {
    include "connect.php";
    $id = $_GET['id'];
    $filename = $_FILES['profile']['name'];
    $fileLocation = $_FILES['profile']['tmp_name'];
    move_uploaded_file($fileLocation, "View/img/".$filename);

    $query = "UPDATE tbl_sna SET profile = '$filename' WHERE id='$id'";

    $result = mysqli_query($conn, $query);
    return $result;
}

```

This function for change profile student in database and use query

```

UPDATE tbl_sna SET profile = '$filename' WHERE id='$id'

```

- **Action m\_delete**

In model/sna\_model.php on line 74 – 80

```

function m_delete() {
    include "connect.php";
    $id = $_GET['id'];
    $result = mysqli_query($conn, "DELETE FROM tbl_sna WHERE id= $id");

    return $result;
}

```

This function for delete data in database and user query

```

DELETE FROM tbl_sna WHERE id= $id

```

- **web\_model.php**

- **Action get\_data**

In model/web\_model.php on line 2 - 13

```

function get_data(){
    $query = "SELECT * FROM tbl_web";
    include "connect.php";
}

```

```

$rows = [];
$result = mysqli_query($conn,$query);
if($result && mysqli_num_rows($result)>0){
    foreach($result as $record){
        $rows[] = $record;
    }
}
return $rows;
}

```

This function for get data from database and use `SELECT * FROM tbl_web`

#### o Action add\_data

In model/web\_model.php on line 15- 32

```

function add_data($data) {
    include "connect.php";
    $firstname = $_POST['firstname'];
    $lastname = $_POST['lastname'];
    $class = $_POST['class'];
    $sex = $_POST['sex'];
    $email = $_POST['email'];
    $reason = $_POST['reason'];
    $major = $_POST['major'];
    $filename = $_FILES['profile']['name'];
    $fileLocation = $_FILES['profile']['tmp_name'];
    move_uploaded_file($fileLocation, "View/img/".$filename);

    $query = "INSERT INTO tbl_web(first_name ,last_name, gender, class, email
, major, reason, profile)
    VALUES('$firstname', '$lastname', '$sex', '$class', '$email','$
major','$reason', '$filename')";
    $result = mysqli_query($conn, $query);
    return $result;
}

```

This function for add data student to store in database and use query

```

INSERT INTO tbl_web (first_name, last_name, gender, class, email, major,
reason, profile)
VALUES
('$firstname', '$lastname', '$sex', '$class', '$email','$major','$reason',
'$filename');

```

#### o Action m\_detail

In model/web\_model.php on line 35- 40

```

function m_detail() {
    $id = $_GET['id'];
    $query = "SELECT * FROM tbl_web WHERE id = $id";
    include "connect.php";
    $result = mysqli_query($conn,$query);
    return $result;
}

```

This function for show student's information detail and user query

```
SELECT * FROM tbl_web WHERE id = $id
```

- **Action m\_update\_data**

In model/web\_model.php on line 43- 58

```
function m_update_data($data) {  
    include "connect.php";  
    $id = $_GET['id'];  
    $firstname = $_POST['firstname'];  
    $lastname = $_POST['lastname'];  
    $class = $_POST['class'];  
    $sex = $_POST['sex'];  
    $email = $_POST['email'];  
    $reason = $_POST['reason'];  
    $major = $_POST['major'];  
  
    $query = "UPDATE tbl_web SET first_name='$firstname',last_name='$lastname'  
,class = '$class',gender='$sex',email='$email',reason='$reason',major='$major' W  
HERE id='$id'";  
  
    $result = mysqli_query($conn, $query);  
    return $result;  
}
```

This function for update data student's form database and use query

```
UPDATE tbl_web SET first_name='$firstname',last_name='$lastname',class =  
'$class',gender='$sex',email='$email',reason='$reason',major='$major' WHER  
E id='$id'
```

- **Action m\_change\_profile**

In model/web\_model.php on line 60 – 72

```
function m_change_profile($data) {  
    include "connect.php";  
    $id = $_GET['id'];  
    $filename = $_FILES['profile']['name'];  
    $fileLocation = $_FILES['profile']['tmp_name'];  
    move_uploaded_file($fileLocation, "View/img/".$filename);  
  
    $query = "UPDATE tbl_web SET profile = '$filename' WHERE id='$id'";  
  
    $result = mysqli_query($conn, $query);  
    return $result;  
}
```

This function for change profile student in database and use query

```
UPDATE tbl_web SET profile = '$filename' WHERE id='$id'
```

- **Action m\_delete**

In model/web\_model.php on line 74 – 80

```
function m_delete() {
    include "connect.php";
    $id = $_GET['id'];
    $result = mysqli_query($conn, "DELETE FROM tbl_web WHERE id= $id");

    return $result;
}
```

This function for delete data in database and user query

```
DELETE FROM tbl_web WHERE id= $id
```

#### ❖ connect.php

This query for connect to database

```
$conn = mysqli_connect('localhost','root','','major_project');
```

#### ❖ index.php

This index.php for include model, controller and template of home page

```
<?php
include "model/home_model.php";
include "controller/home_controller.php";
include "views/template.php";
?>
```

#### ❖ index1.php

This index1.php for include model, controller and template of sna page

```
<?php
include "model/sna_model.php";
include "controller/sna_controller.php";
include "views/template.php";
?>
```

#### ❖ index2.php

This index2.php for include model, controller and template of web page

```
<?php
include "model/web_model.php";
include "controller/web_controller.php";
include "views/template.php";
?>
```