Add Edit and Delete Class

1. View class from database

* In the index2.php, this code is for include Model, Controller and Views.

<?php

include "Models/class\_model.php";

include "Controllers/class\_controller.php";

include "Views/template.php";

?>

* This code is write in Controller to get data from function class\_get\_data() in model.

<?php

$data = array();

get\_action($data);

function get\_action(&$data){

$function = 'list\_class';

if (isset($\_GET['action'])) {

$action = $\_GET['action'];

$function = $action;

}

$function($data);

}

function list\_class(&$data){

$data['class\_data'] = class\_get\_data();

$data['page'] = "classes/view";

}

?>

* This code is write in model to get data from database and delivered to function list\_class() in controller.

function class\_get\_data() {

$query = "select \* from class";

include "connection.php";

$result = mysqli\_query($connection,$query);

$rows = [];

if($result && mysqli\_num\_rows($result) > 0 ){

foreach ($result as $record) {

$rows[] = $record;

}

}

return $rows;

}

* This code is write in view.php to display in interface

<table class="table table-bordered mt-3">

<thead>

<tr>

<th scope="col">ID</th>

<th scope="col">Class Name</th>

<th scope="col">Action</th>

</tr>

</thead>

<?php

if(isset($data['class\_data'])){

$id = 1;

foreach ($data['class\_data'] as $rows) {

?>

<tbody>

<tr>

<td><?php echo $id;?></td>

<td><?php echo $rows['title'];?></td>

<td>

<a href="index2.php?action=edit\_form&id=<?php echo $rows['id'];?>"><i class="material-icons">edit</i></a>

<a href="index2.php?action=delete&id=<?php echo $rows['id'];?>"><i class="material-icons" onclick="return confirm('Are you sure you want to delete?');">delete</i></a>

</td>

</tr>

</tbody>

<?php

$id++;

}

}

?>

</table>

1. Add new class

* This code is write in Controller, function add\_form() is the action from add.php and function form\_data() to get data from function add\_new\_class() in model.

function add\_form(&$data){

$data['page'] = "classes/add\_form";

}

function form\_data(&$data) {

$add\_data = add\_new\_class($\_POST);

if($add\_data) {

$action = "list\_class";

}else {

$action = "add\_form";

}

header("Location: index2.php?action=$action");

}

* This code is write in model for insert data in to database and delivered to function form\_data() in controller.

function add\_new\_class($data) {

include "connection.php";

$class = $\_POST['class\_title'];

$query = "INSERT INTO class(title)

VALUES('$class')";

$result = mysqli\_query($connection, $query);

return $result;

}

* This code is write in add form

<div class="container">

<div class="row">

<div class="col-md-3"></div>

<div class="col-md-6">

<div class="card">

<div class="card-header bg-primary text-center text-white">

<h2>Class Form</h2>

</div>

<form action="index2.php?action=form\_data" method="post" enctype="multipart/form-data">

<div class="card-body">

<div class="form-group">

<label for="name">Class Name:</label>

<input type="text" name="class\_title" id="name" class="form-control">

</div>

</div>

<div class="card-footer">

<a href="index2.php?action=list\_class" class="btn btn-success">Go Back</a>

<input type="submit" name="create" value="Submit" class="btn btn-primary float-right">

</div>

</form>

</div>

</div>

<div class="col-md-3"></div>

</div>

</div>

1. Edit Class

* This code is in Controller, function edit\_form is the action from view.php to get data from function class\_details() in model and function form\_edit() is from form edit in edit.php for get data from function update\_class() in model.

function edit\_form(&$data) {

$data['class'] = class\_details();

$data['page'] = "classes/edit";

}

function form\_edit(&$data){

$update\_class = update\_class($\_POST);

if($update\_class){

$action = "list\_class";

}else{

$action = "edit\_form";

}

header("Location: index2.php?action=$action");

}

* This code is in Model, function class\_details() to get all class in database and function update\_class() get data from form edit and update to in database.

function class\_details() {

$id = $\_GET['id'];

$query = "SELECT \* FROM class WHERE id = $id";

include "connection.php";

$result = mysqli\_query($connection,$query);

return $result;

}

function update\_class(){

if(isset($\_POST['edit'])){

$id = $\_GET['id'];

include "connection.php";

$title = $\_POST['class\_title'];

$query = "UPDATE class SET title= '$title' WHERE id = $id";

$update = mysqli\_query($connection, $query);

}

return $update;

}

* This code is in edit.php

<div class="col-md-6">

<div class="card">

<div class="card-header bg-primary text-center text-white">

<h2>Class Form</h2>

</div>

<?php

foreach ($data['class'] as $rows) {

?>

<form action="index2.php?action=form\_edit&id=<?php echo $rows['id'];?>" method="post" enctype="multipart/form-data">

<div class="card-body">

<div class="form-group">

<label for="name">Class Name:</label>

<input type="text" name="class\_title" value="<?php echo $rows['title']?>" id="name" class="form-control">

</div>

</div>

<div class="card-footer">

<a href="index2.php?action=list\_class" class="btn btn-success">Go Back</a>

<input type="submit" name="edit" value="Submit" class="btn btn-primary float-right">

</div>

</form>

<?php

}

?>

</div>

</div>

1. Delete Class

* This code is in view.php it is the action.

<a href="index2.php?action=delete&id=<?php echo $rows['id'];?>"><i class="material-icons" onclick="return confirm('Are you sure you want to delete?');">delete</i></a>

* This code is in Controller, function delete() is the action from view.php to get data from function delete\_class() in model.

function delete(&$data) {

$result = delete\_class();

if($result) {

$action = "list\_class";

}else {

echo "Cannot delete this record!!!";

}

header("Location: index2.php?action=$action");

}

* This code is in Model, function delete\_class() is to select data from database to delete by id and delivered to function delete() in controller.

function delete\_class() {

include "connection.php";

$id = $\_GET['id'];

$result = mysqli\_query($connection, "DELETE FROM class WHERE id= $id");

return $result;

}