

**NEW ERA INSTITUTE OF VOCATIONAL  
AND CONTINUING EDUCATION**

**SUBJECT: SEMD027 MANAGING SOFTWARE DEVELOPMENT  
(SOFTWARE ENGINEERING FINAL YEAR PROJECT)**

**PROJECT TITLE: CLASSROOM TIMETABLE SYSTEM**

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**PROJECT SUPERVISOR: NG WAI KONG**

# **1.0 Preface**

The web system (classroom schedule) is designed to save human resources and time for manual management of schedules. The system provides a database and a flexible drag-and-drop method on the management schedule. Users of the Web system and database can modify the schedule anytime and anywhere, thereby saving time in managing tables.

## **2.0 Acknowledgement**

I would like to express my sincere thanks to all my lecturer giving me the knowledge to create this project and express my special thanks to my supervisor's Mr. Ng Wai Kong which giving suggestion of completing this project. Secondly, I would like to thanks my friends who gave me solution and suggestion in this project.

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## 4.0 Documentation

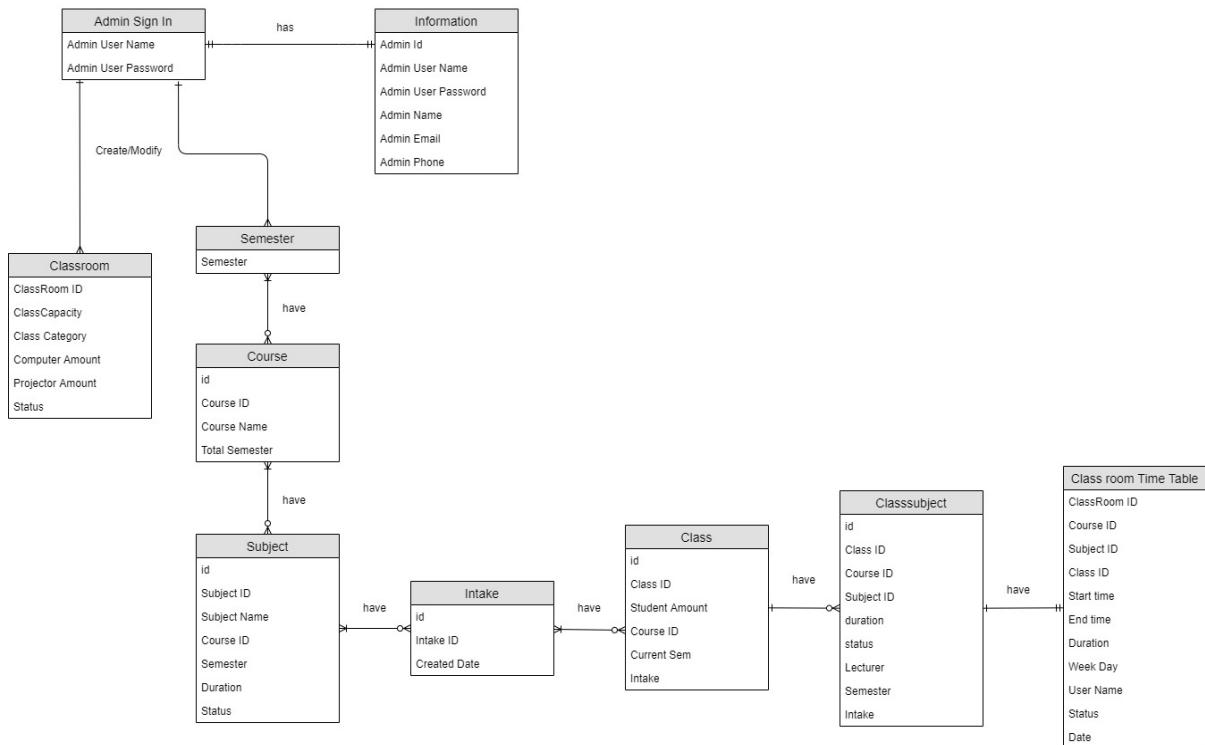
### 4.1 Gantt Chart



## 4.2 Entity Relationship Diagram

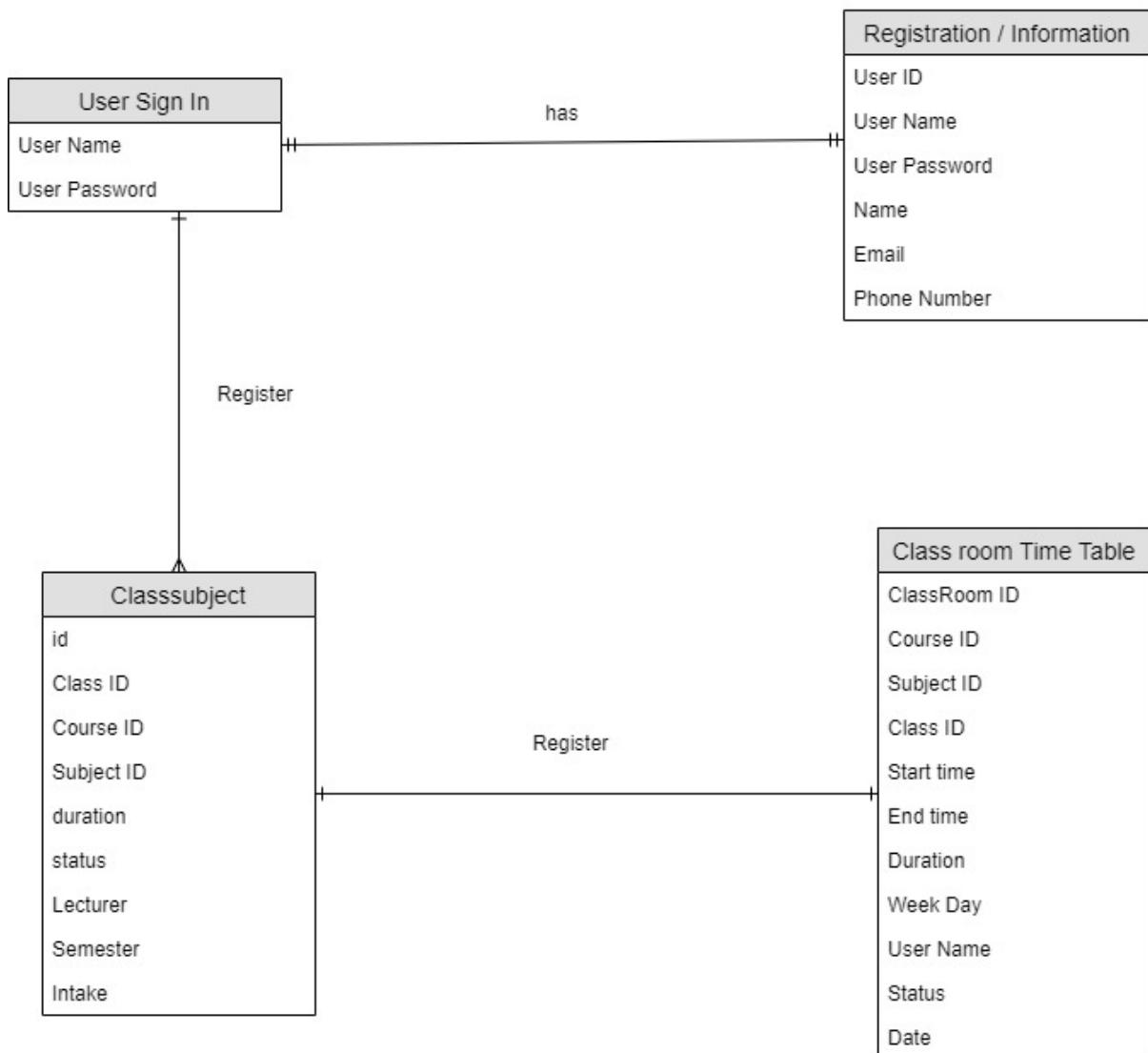
### 4.2.1 Admin ERD

**Admin ERD**



#### 4.2.2 User ERD

**User ERD**



## 4.3 Use Case Diagram

### 4.3.1 Admin, Teacher, User

Admin, Teacher, User - Use Case Diagram



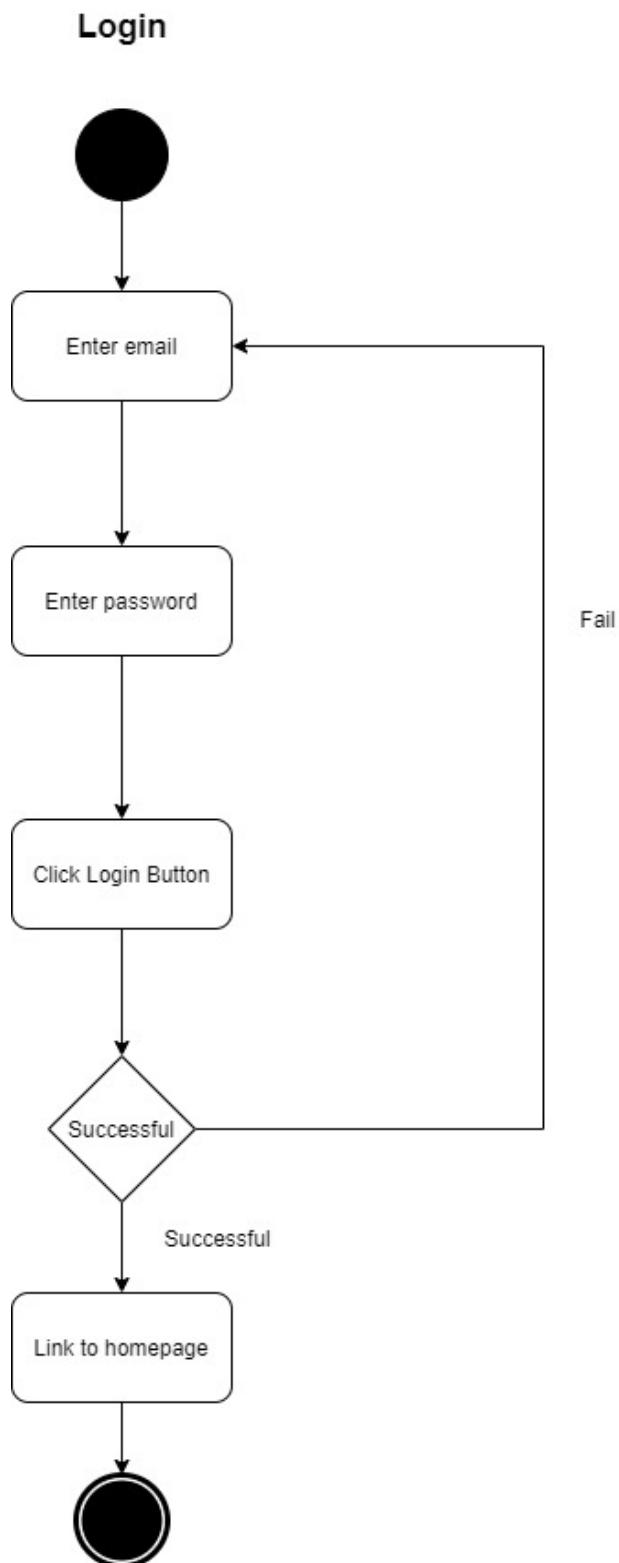
#### 4.3.2 Admin Only



## 4.4 Activity Diagram

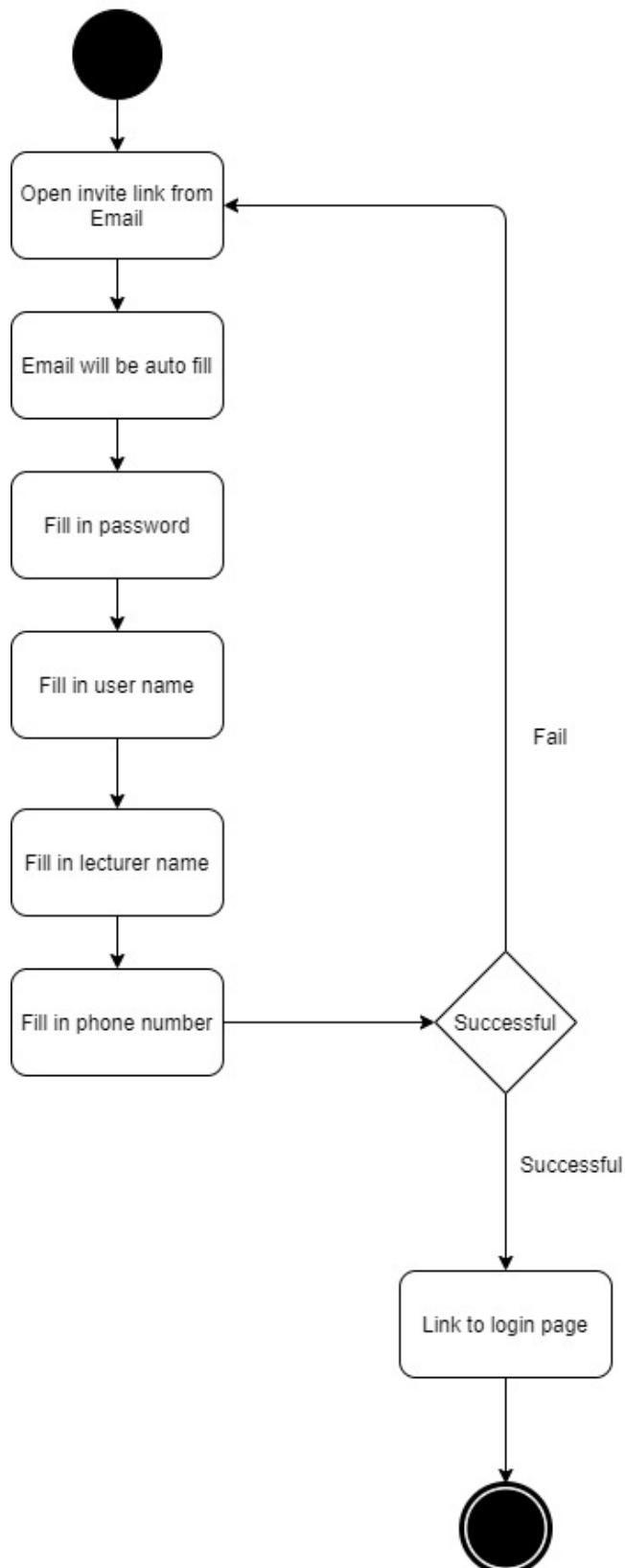
### 4.4.1 Admin, Teacher, User

#### 4.4.1.1 Login



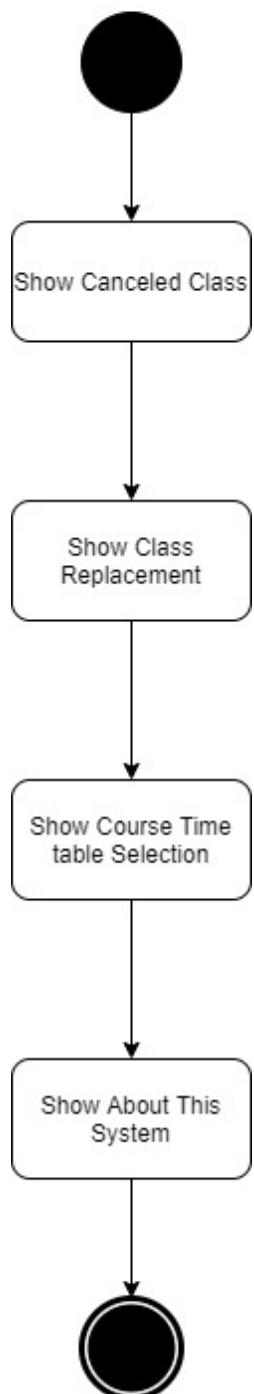
#### 4.4.1.2 Register

##### Register



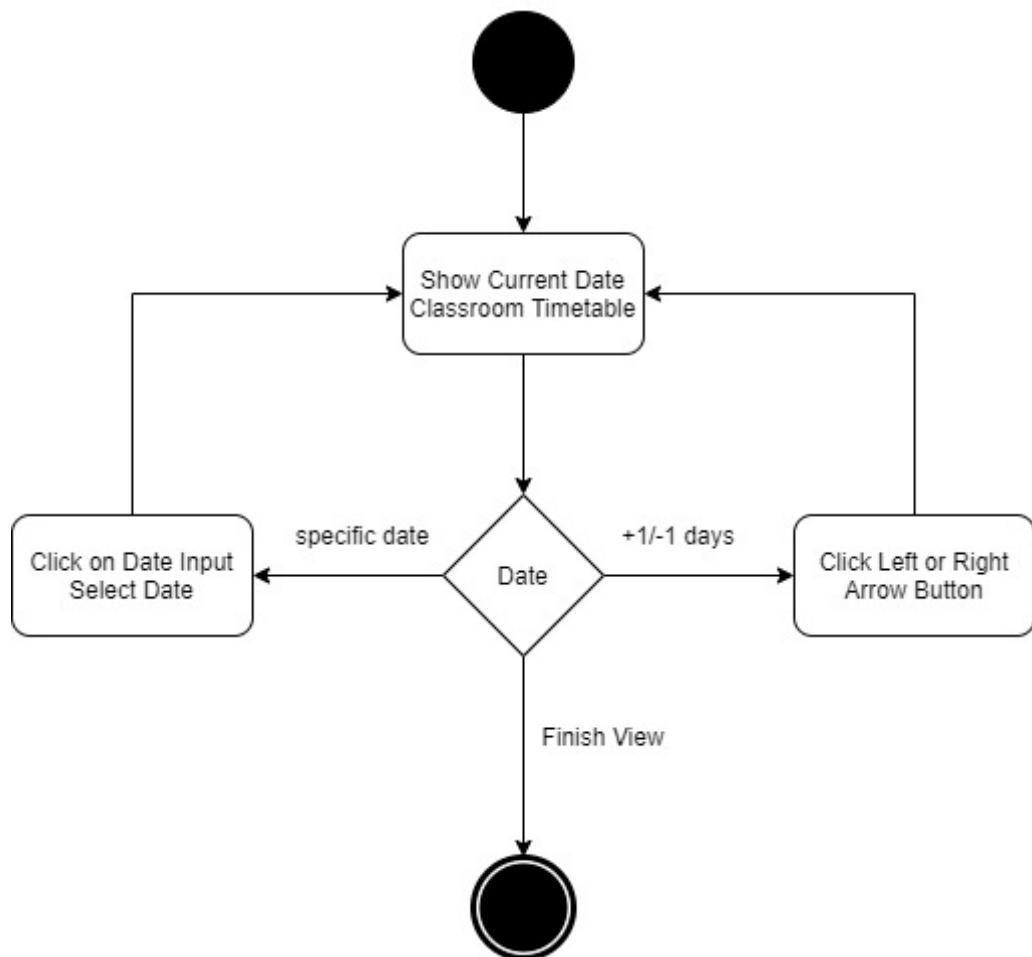
#### 4.4.1.3 Home

Home

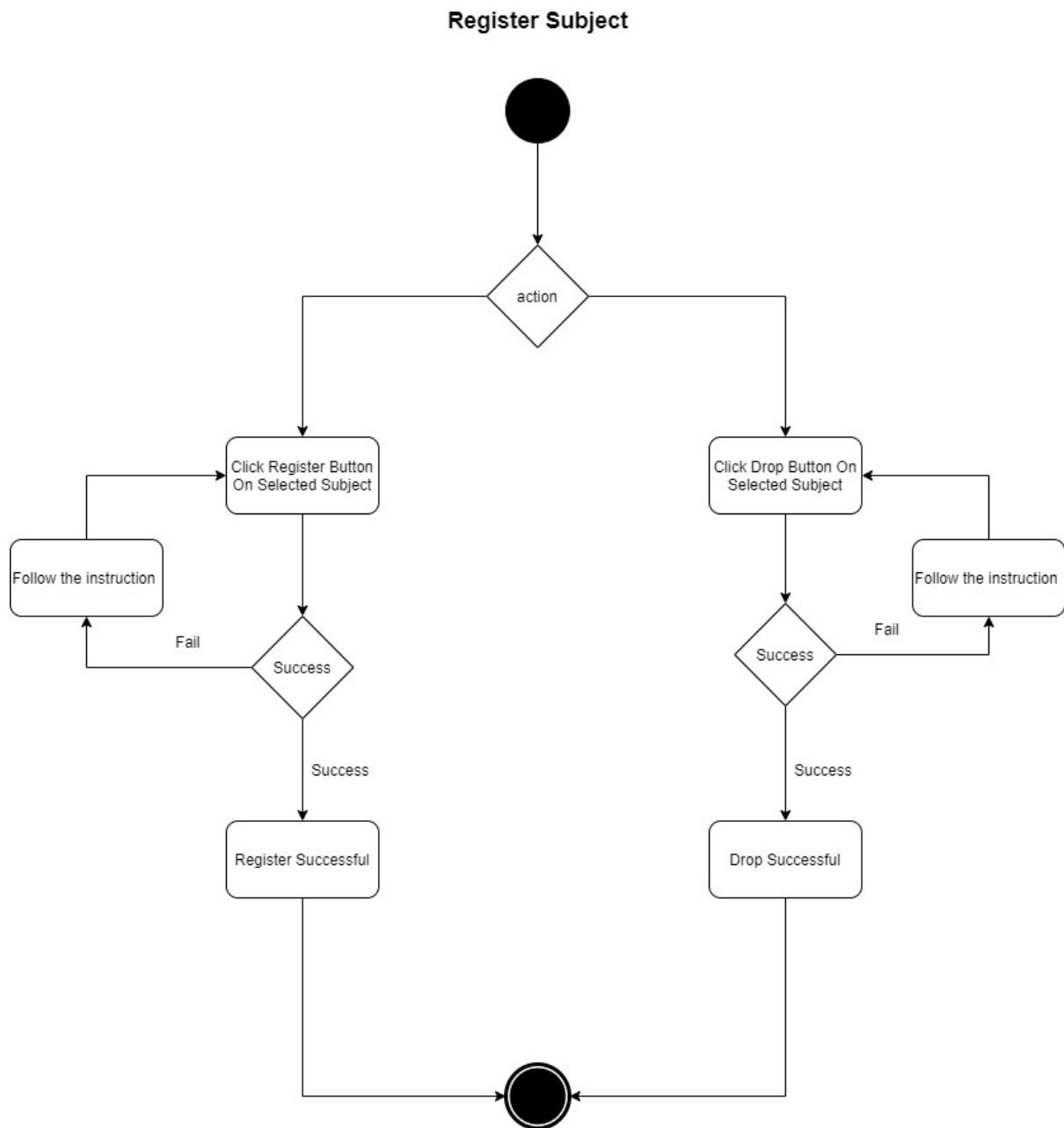


#### 4.4.1.4 View Timetable

##### View Timetable

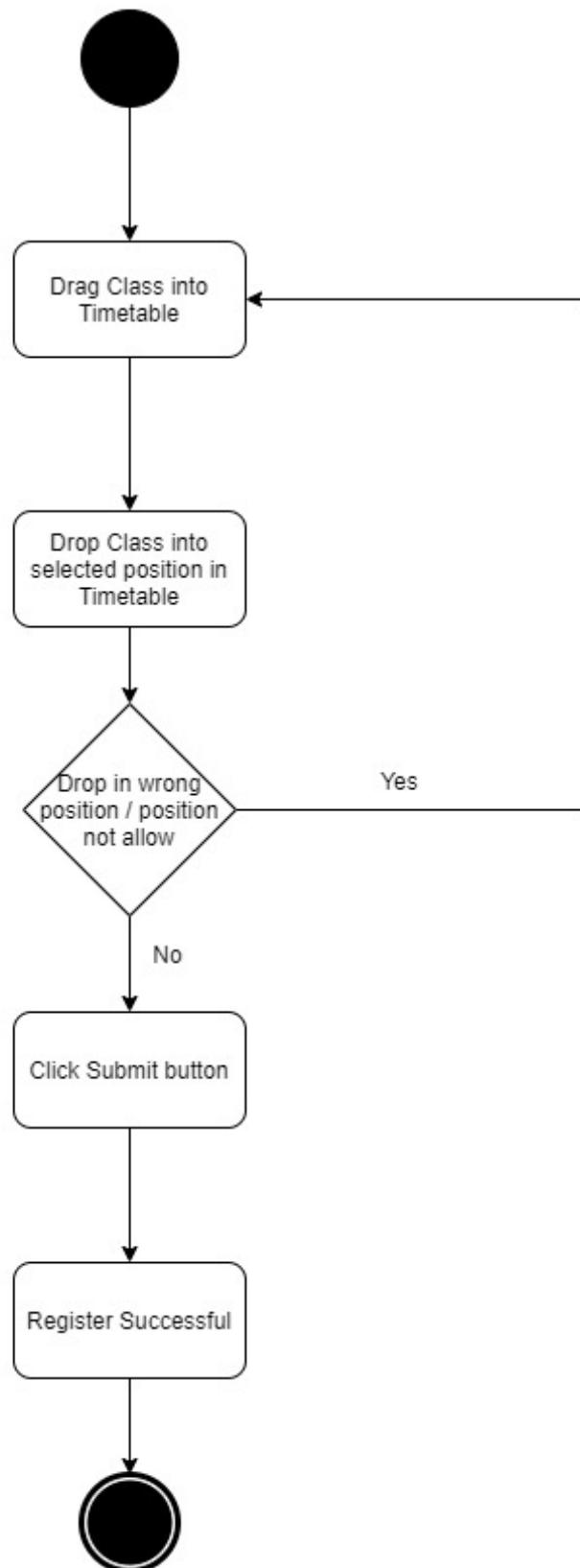


#### 4.4.1.5 Register Subject

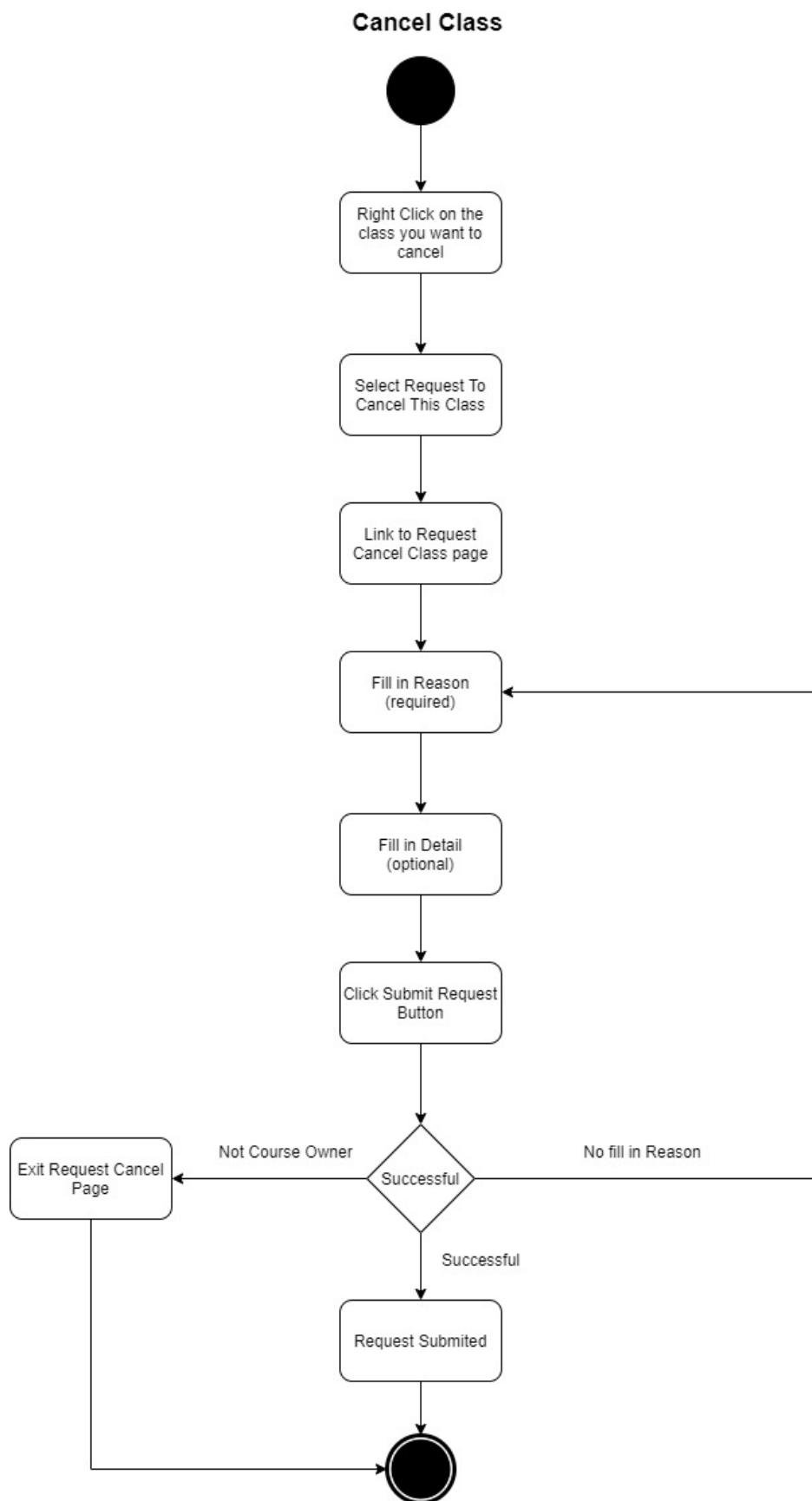


#### 4.4.1.6 Register Timetable

### Register Timetable

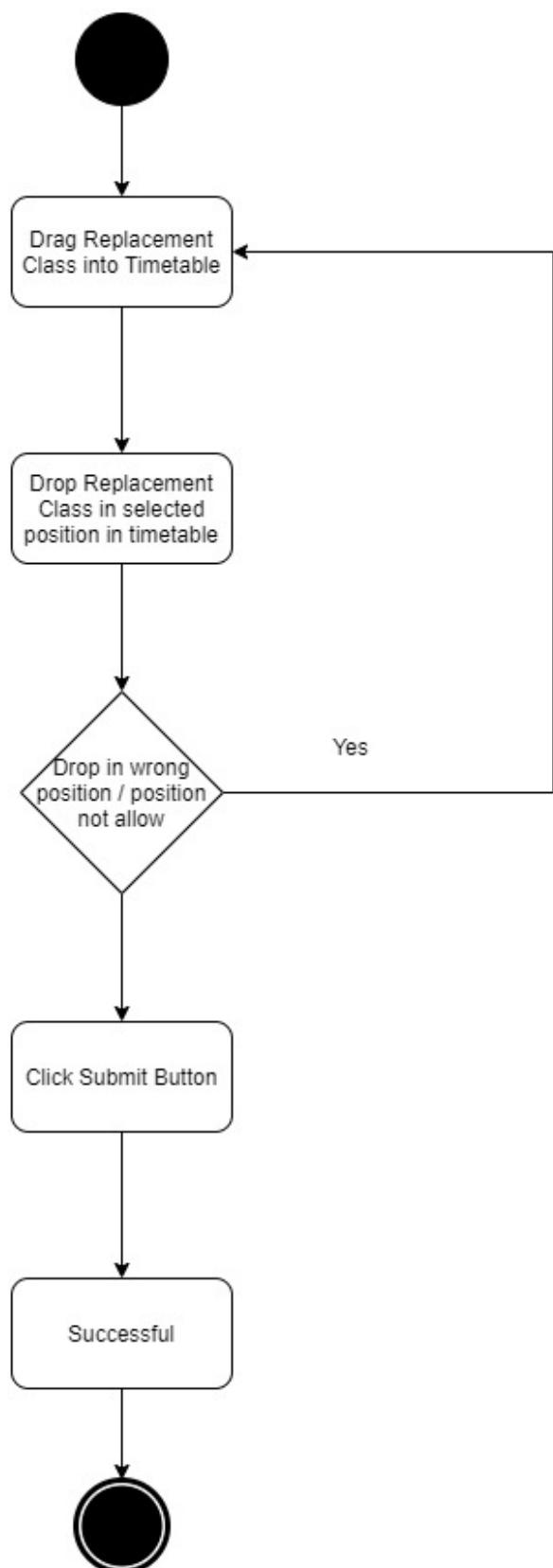


#### 4.4.1.7 Cancel Class

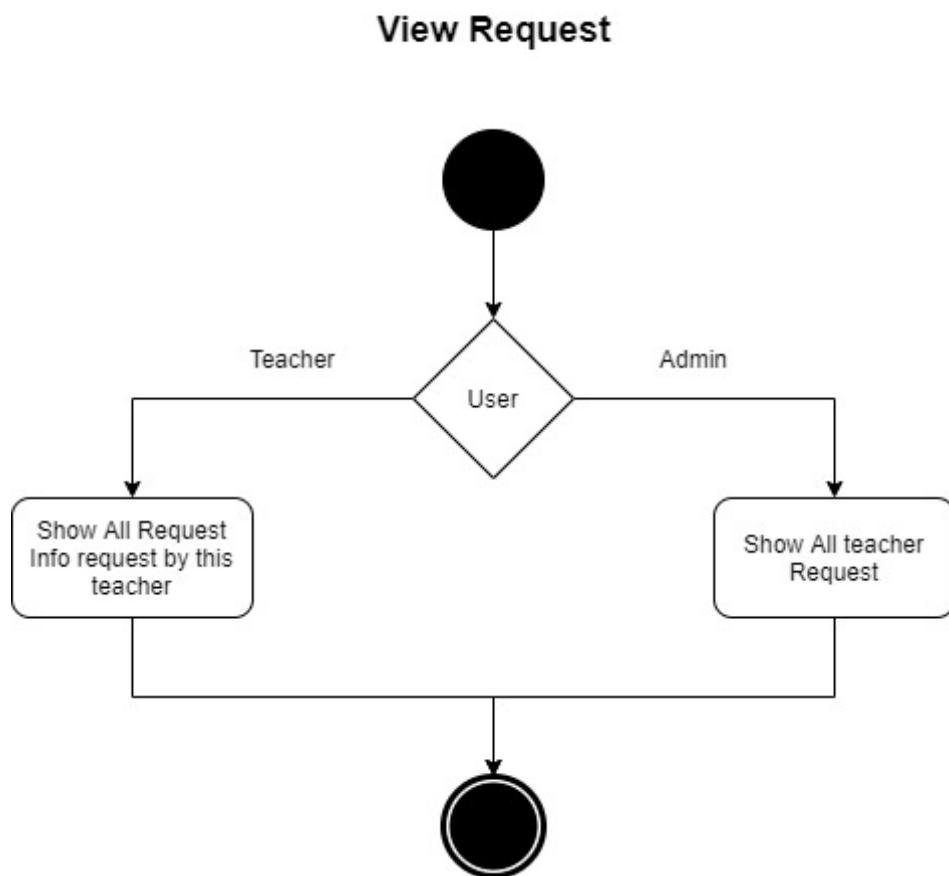


## Replace Class

### Replace Class

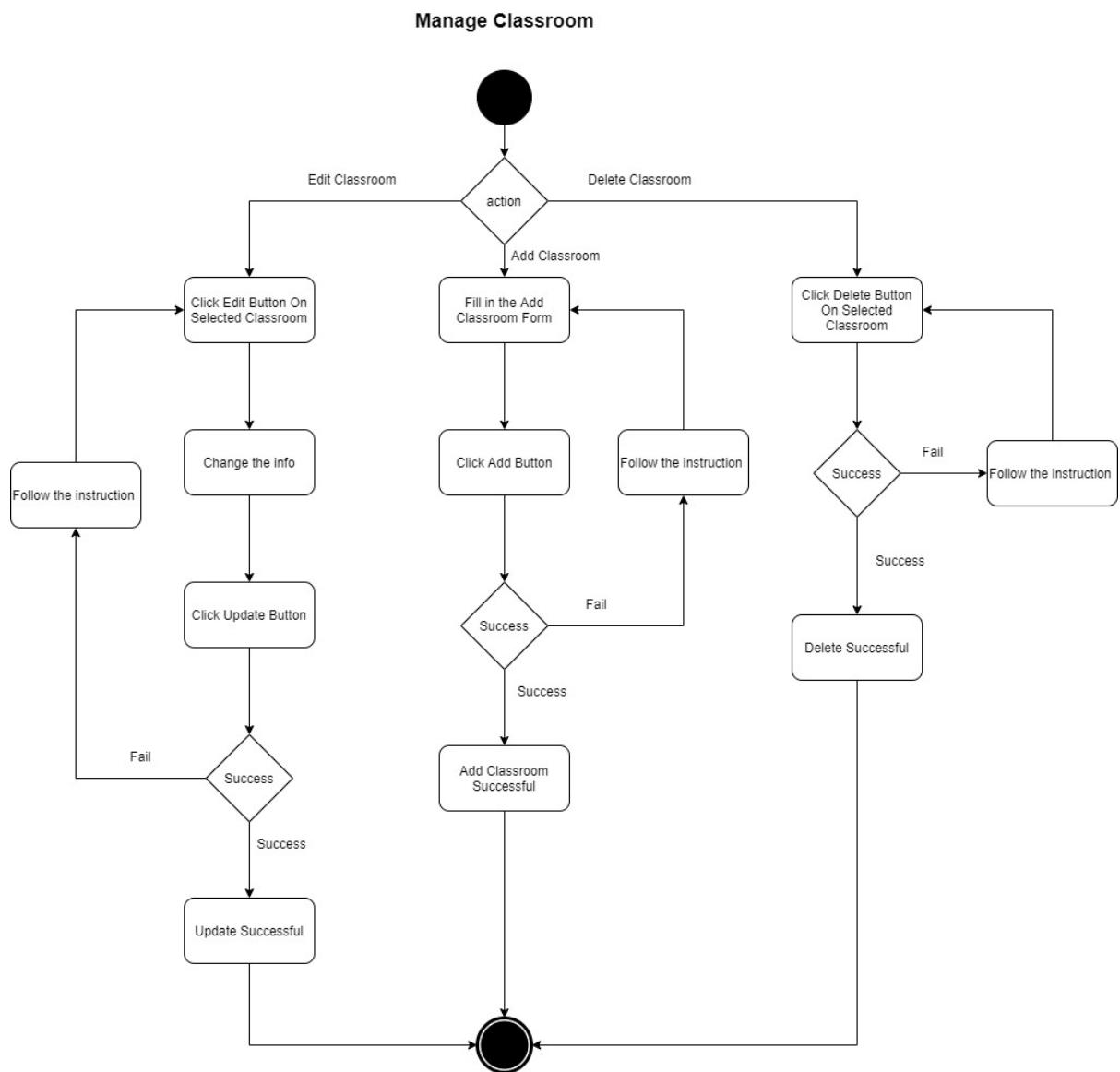


#### 4.4.1.8 View My Request



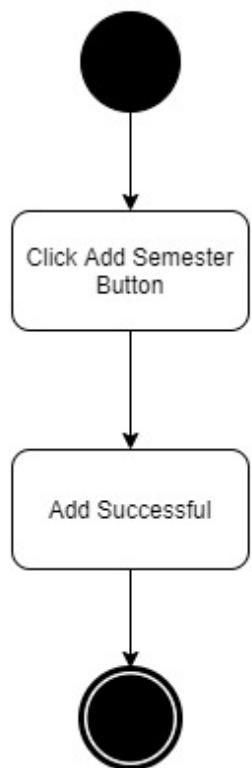
## 4.4.2 Admin Only

### 4.4.2.1 Manage Classroom

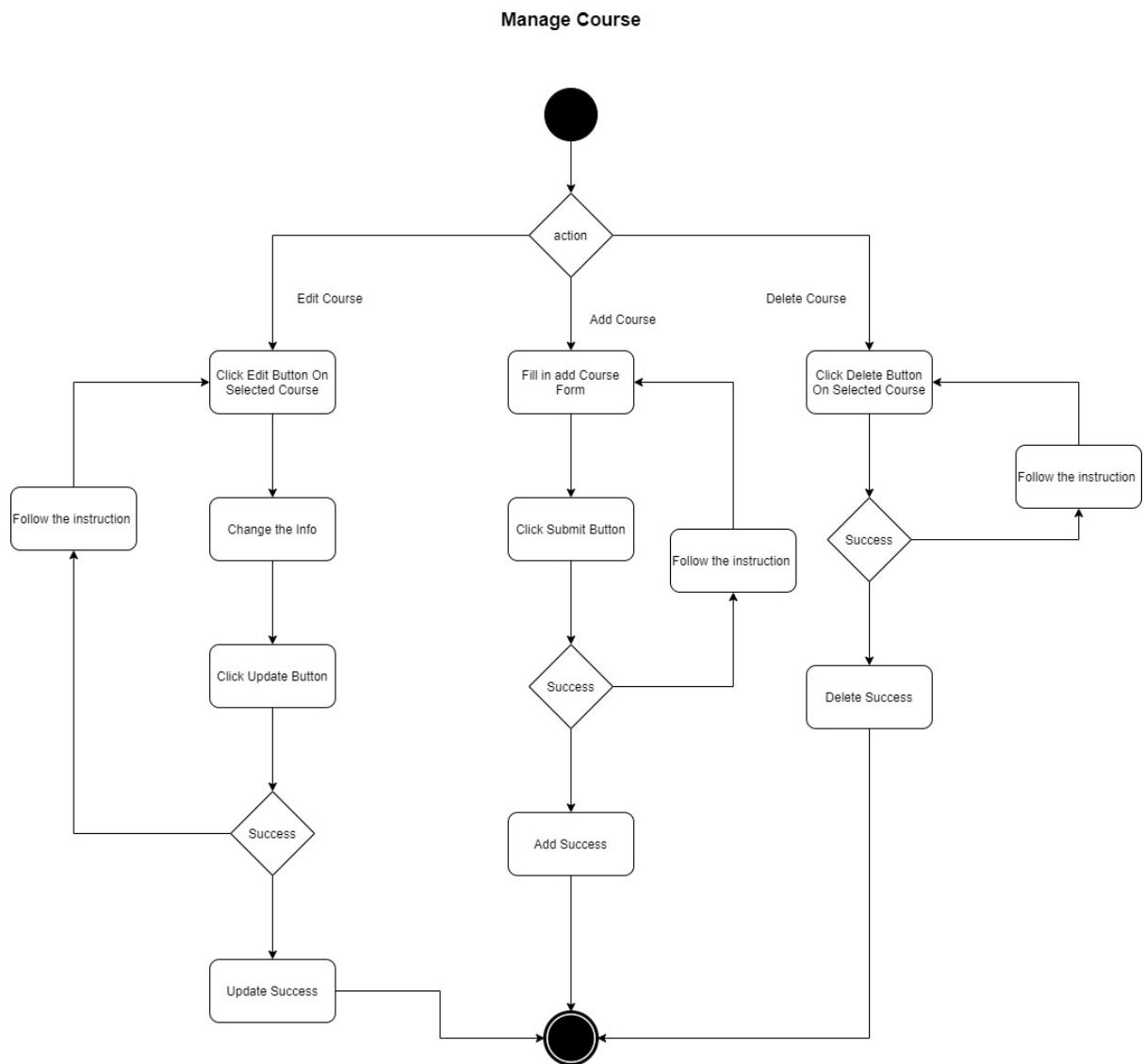


#### **4.4.2.2 Manage Semester**

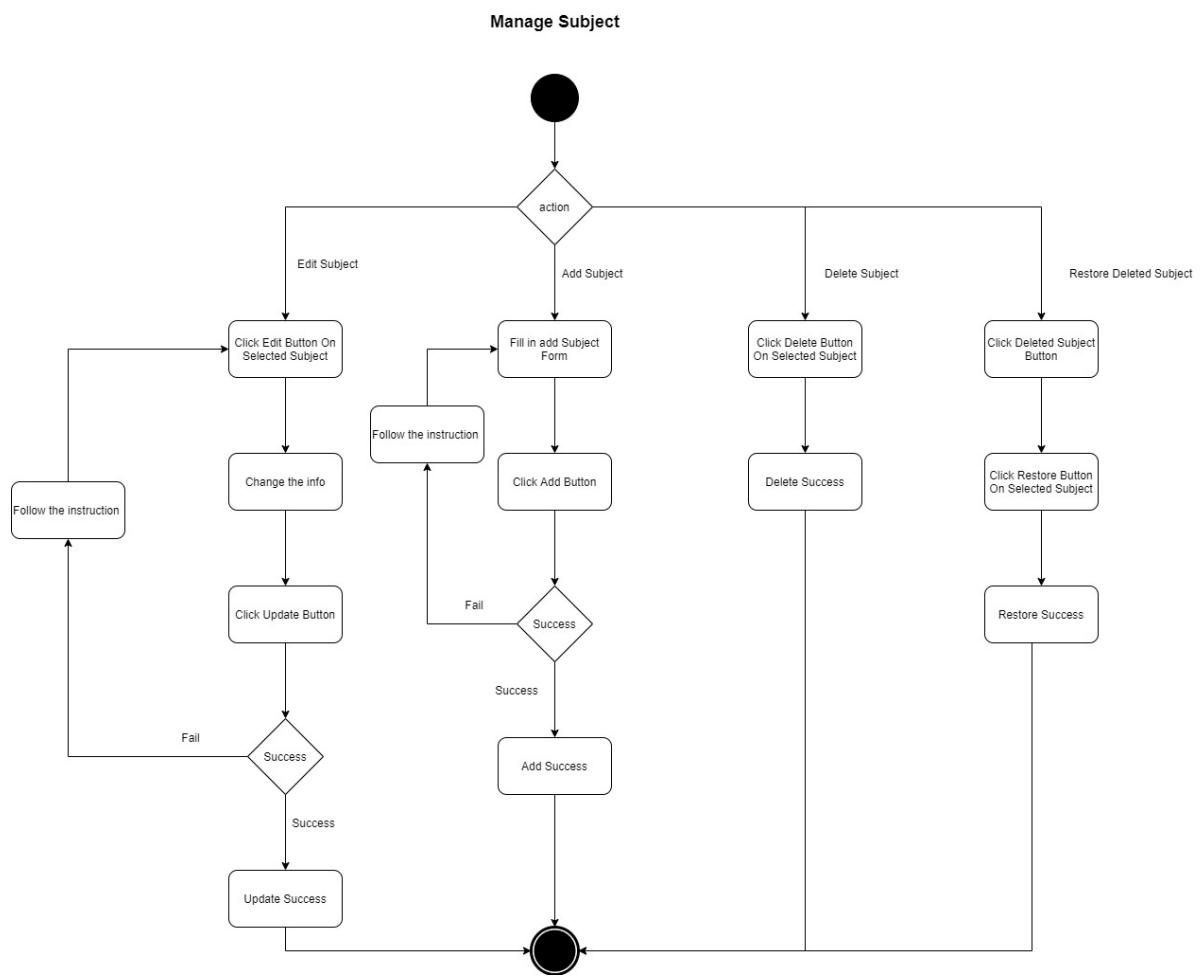
##### **Manage Semester**



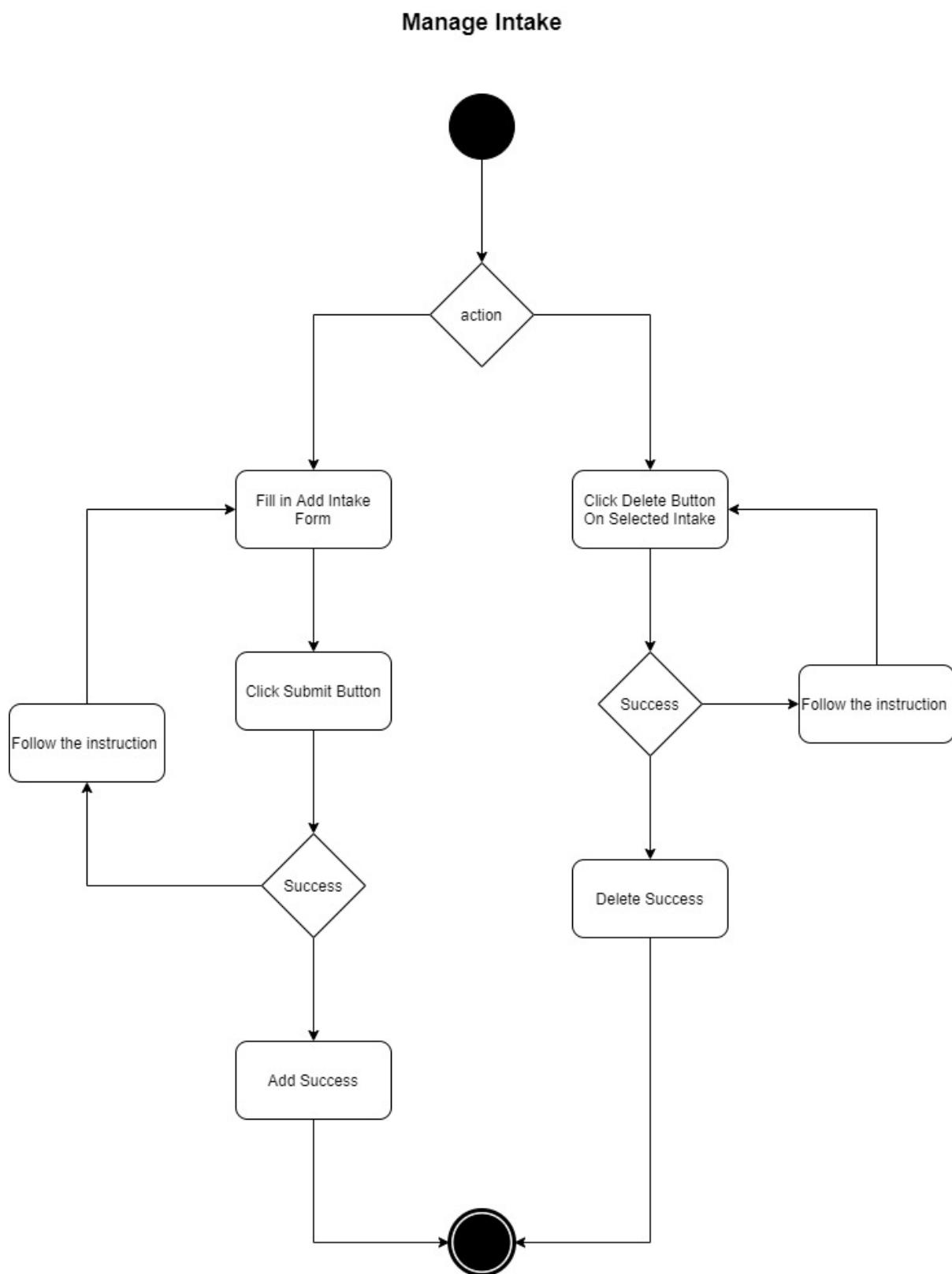
#### 4.4.2.3 Manage Course



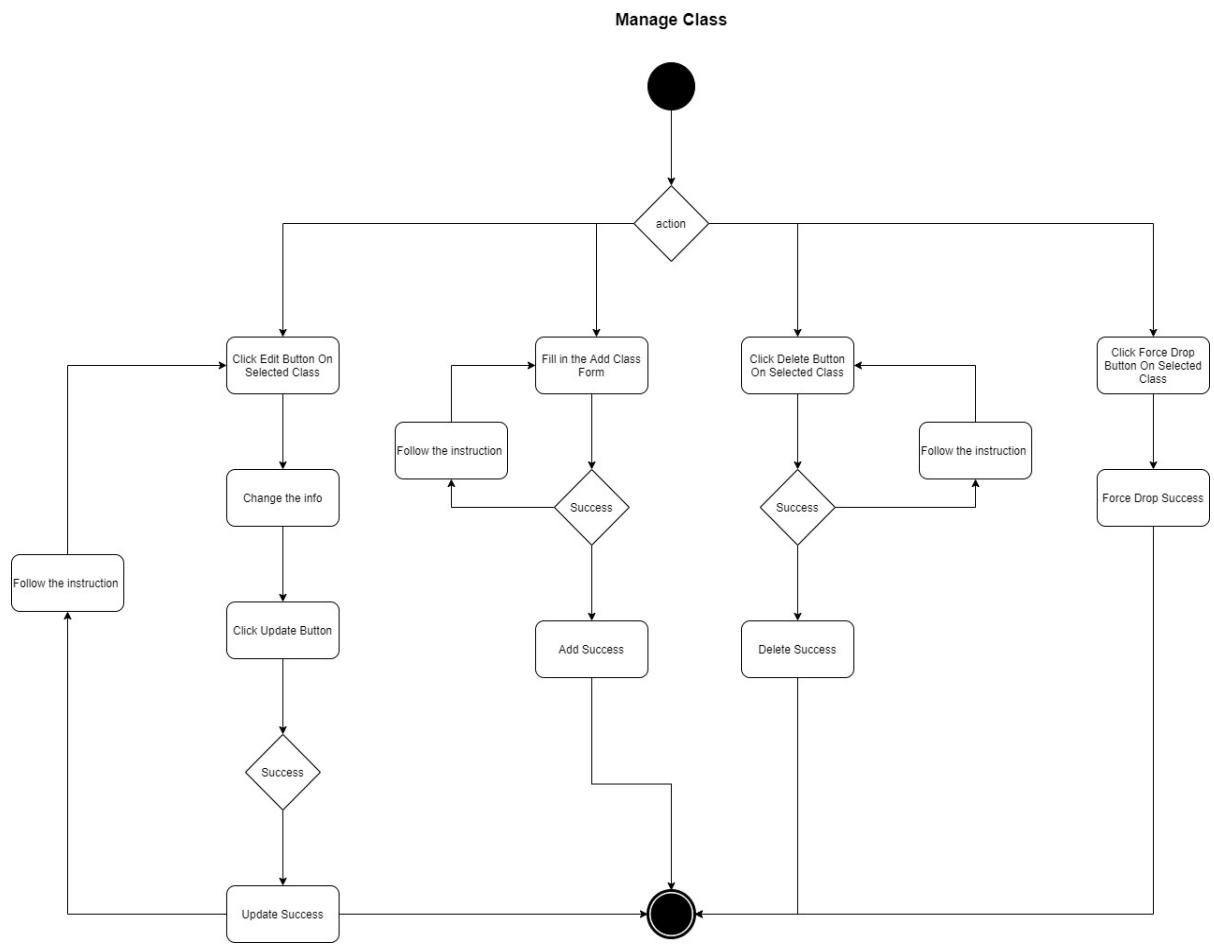
#### 4.4.2.4 Manage Subject



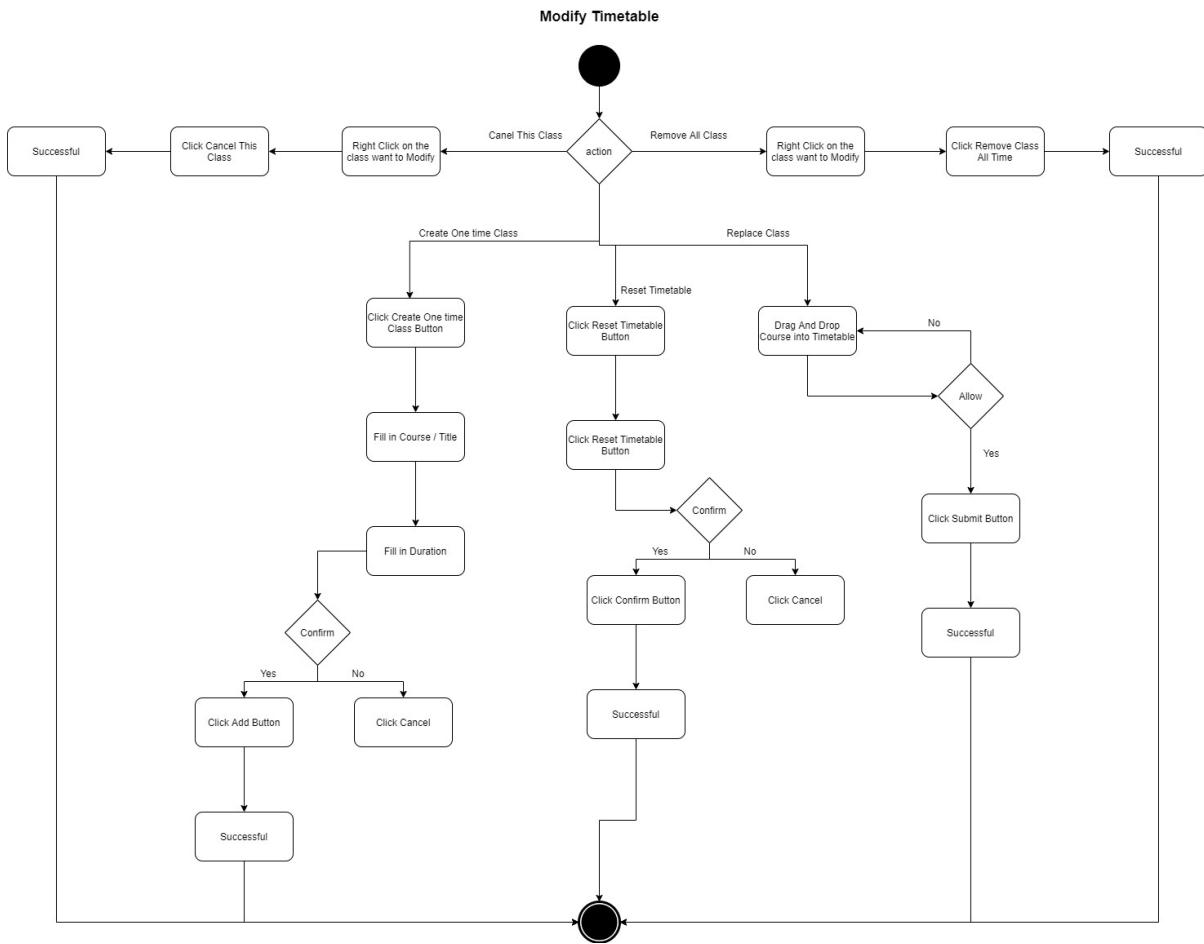
#### 4.4.2.5 Manage Intake



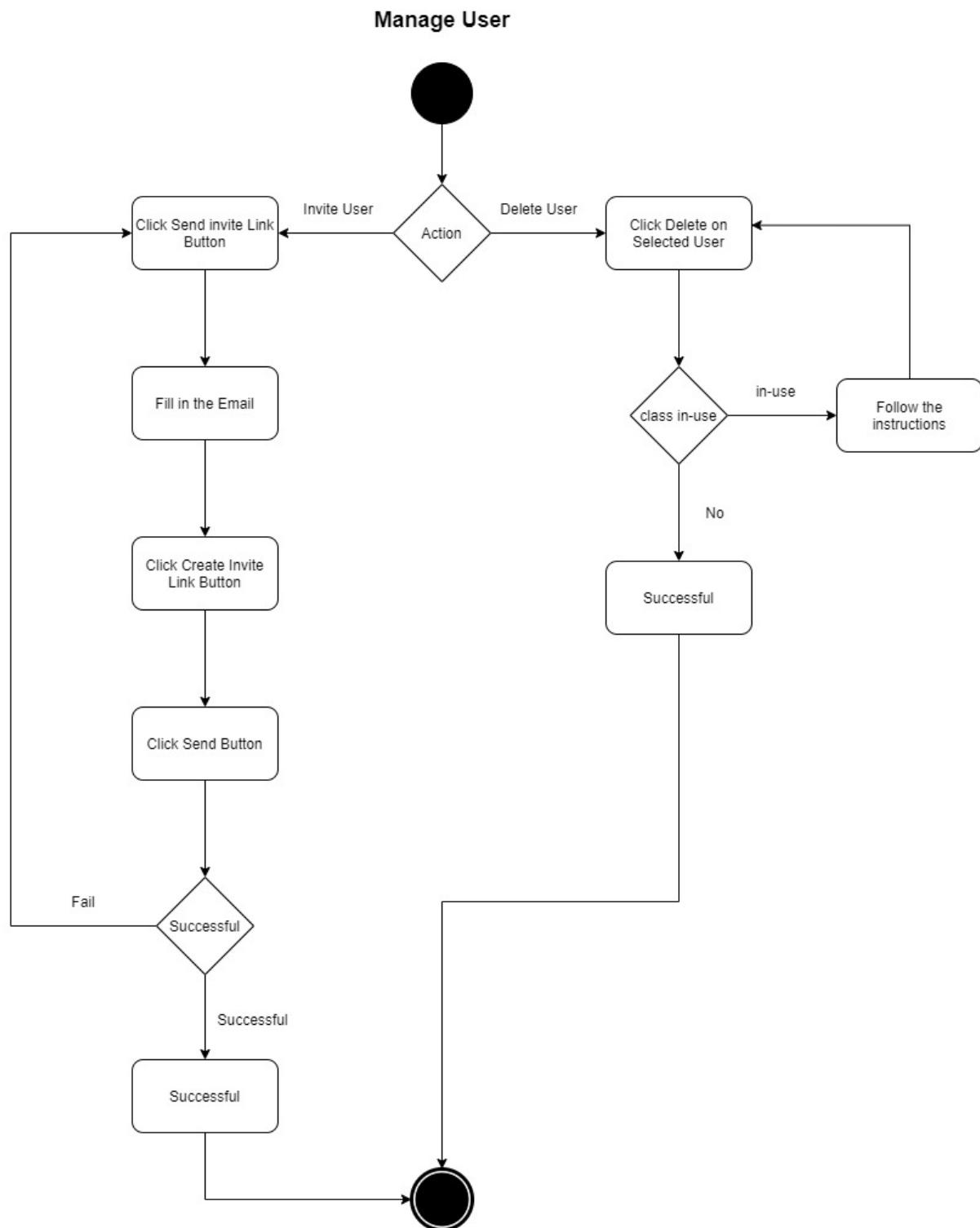
#### 4.4.2.6 Manage Class



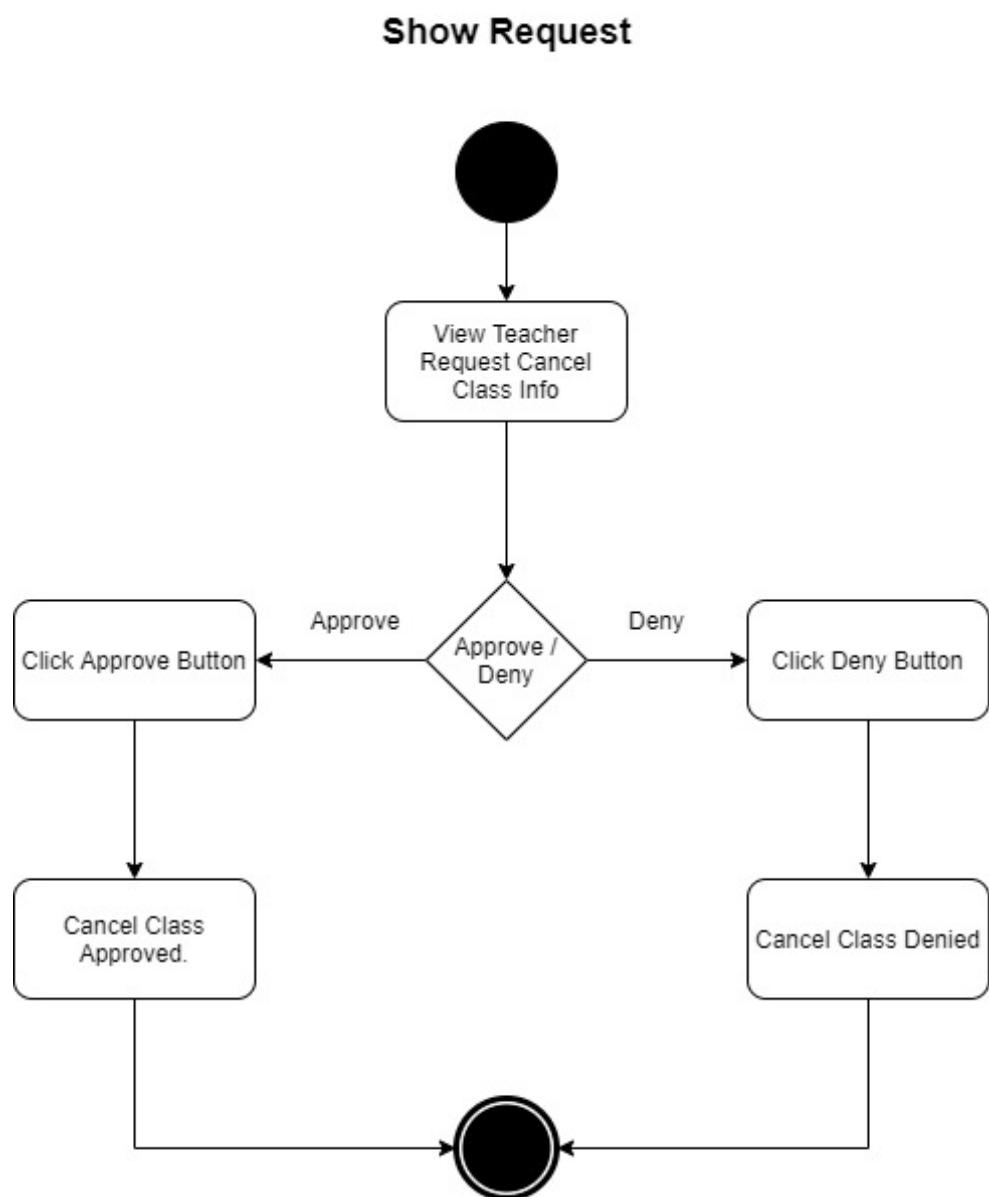
#### 4.4.2.7 Modify Timetable



#### 4.4.2.8 Manage User



#### 4.4.2.9 Show request



#### **4.5 Future Work**

This system uses a large number of looping, resulting in slow response and process. In order of future if can figure out way to solve this problem will increase user experience. This system have potential to multiple school timetable system login with specific school account connect specific database to view specific school timetable and manage school timetable.

## **4.6 Test Plan**

### **4.6.1 Test Plan for the Full System Prototype of Classroom Timetable System (Version 1.0)**

#### Revision History

<i>Date</i>	<i>Version</i>	<i>Description</i>	<i>Author</i>
18/3/2020	1.0	Prototype Test Plan	Loo Zhen Xi

#### **4.6.2 Objective**

This document describes the test plan for testing the Full System Prototype of Classroom Timetable System. This Test Plan support the following objective:

- To ensure that the system meet client requirement.
- To ensure the quality of this system.
- Identify bug and debug.

#### **4.6.3 Scope**

Feature to be tested:

- Drag and Drop function
- Login
- Account permission
- User checking
- Database checking
- Register function
- Show timetable
- Modify timetable
- Layout

#### **4.6.4 Test approach**

- Unit Test
- Function Test
- System Test
- Beta Test

## 4.6.6 Test Case

### 4.6.6.1 Test Case

Classroom Timetable			
TEST CASE NAME	CLASSROOM TIMETABLE SYSTEM – DRAG AND DROP INSERT TIMETABLE	NUMBER	A001
OPERATING ON	Desktop Google Chrome	SUB SYSTEM	Google Chrome Phone mode
DEVELOPED BY	Loo Zhen Xi	EXECUTED BY	Loo Zhen Xi
DEVELOPED DATE	14/2/2020	EXECUTED DATE	18/3/2020

**Test Date: 7days.**

Start from 18/3/2020 to 25/3/2020 to find and identify the problem in this function.



**Expected result:** after this testing will found the problem in this function and debug on the next coming week to complete the system.

FINAL RESULT	POST CONDITION
<p>1. Problem identified. 2. Pass error code to programmer. 3. After debugging this function should be complete.</p>	<p>1. While drop it give wrong inform to timetable cause data inaccurate. 2. The error code is connecting drag and drop, and insert function. 3. If not error causing while debug this drag and drop and insert function is complete</p>

#### 4.6.6.2 Function Test Case

Classroom Timetable		TEST CASE	
Project Name:	Classroom Timetable System	Test Designed by	Loo Zhen Xi
Module Name:	Drag and drop insert function	Date:	20/3/2020
Version Tested	1.0	Test executed by:	Loo Zhen Xi
Release Date	10/4/2020	Priority	High

Pre-conditions: This Drag and Drop insert function have a severe problem in drop into timetable the data been selected while drop into timetable it drop to wrong selected time.

STEP	STEP DETAILS	EXPECTED RESULTS	ACTUAL RESULTS	OTHERS
Requirement and Analysis	Checking the error	Identify the error	Error define, further to the next step(Verification)	This error must be define it connecting all function for this system
Verification	Verify the coding inside	Find out the coding causing this error	Founded the error code, further to the next step(Debugging)	This coding is very complicated and connecting with database
Debugging	Base on the error code define the problem and debugging to fix the error	Solve the error	Problem solved, further to the next step(beta)	Must Avoid causing other error while debugging
User Testing(Beta)	Let user experience the change of updated system and receive feedback from user	User experience the no error system and give feedback	Get feedback and Validate its usability, further to the next step(Quality Control)	After debug may have other defect
Quality Control	Getting feedback from user ensure our system quality	Improved our quality	Ensure our quality	Improve or keep our quality after updated system

Test Description: This drag and drop insert function will be tested and debugged by programmer, resulting a complete version system without bug and errors.

### 4.6.6.3 Performance Test Case

Test Case					
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	Requirements	PASS/FAIL
Get directions to a present in the database					
1.	Login button function	Only correct username and password can login.	Only correct username and password can login.	Connect with database	Pass
2.	Account Permission checking	Only admin have full control of system	Only admin have full control of system	Connect with database, login with Admin account	Pass
3.	Current User Checking	Show current user correctly	Some page didn't show current user	Connect with database and login with account	Fail
4.	Drag n Drop function	Drag and drop data in selected position	Drag and drop to unselected position	Connect with database	Fail
5.	Insert data to database	Insert correct data to database	Insert correct data to database	Connect with database	Pass
6.	Register function	Only with invite link can register	Only with invite link can register	Connect with database	Pass
7.	Show timetable	Read and show the correct timetable	Read correct data showing wrong timetable	Connect with database	Fail
8.	User modify timetable	Get and update the correct data	Get incorrect data update incorrect data	Connect with database and login with account	Fail
Alternative Flow 1: Google Chrome Mobile Mode View					
9.	Mobile interface test	Working Fine no anomaly	Working Fine no anomaly	Google chrome mobile mode	Pass
10.	Text view test	Clear	Clear	Google chrome mobile mode	Pass
11.	Button test	Working as desktop mode	Working as desktop mode	Google chrome mobile mode	Pass
12.	Login, logout test	Working as desktop mode	Working as desktop mode	Google chrome mobile mode	Pass

#### 4.6.6.4 System Test Case

TEST CASE				
Name of the project	Description	Work flow project	Test type	Status
<i>Classroom Timetable System</i>	<p>1. A web system help to management timetable save human resource and time on doing timetable</p> <p>2. Teacher can register and modify timetable of his own course</p>	<p>Agile Methodologies – Planning , Analysis, Design, Coding, Testing</p> <p>Current Step - Testing</p>	<p>1. Unit Test 2. Security Check 3. System Testing</p>	<p>1. Test each button function 2. Test user login required login to do modify 3. Test entire system working</p>
EXECUTION HISTORY				
EXECUTED BY	DATE	ENVIRONMENT	CURRENT STATUS	DEFECT
<i>Loo Zhen Xi</i>	21/3/2020	Google Chrome Browser	<p>1. Register timetable Drag n Drop anomaly</p> <p>2. Login Checking not working someplace</p> <p>3. System working but data inaccurate.</p>	<p>1. Function anomaly make insert data inaccurate. 2. Some required user login method not working. 3. Showing data inaccurate give incorrect information.</p>

#### 4.6.7 Test Scenario

<b>Use Case</b>	<b>Scenario ID</b>	<b>Test Scenario</b>	<b>ID of test case</b>
UC-01	TS-01	Validate Drag and Drop Function working normally make sure drag and drop on correct places	TC-01
UC-02	TS-02	Validate Login function make sure only account have registered can login.	TC-02
UC-03	TS-03	Validate Account permission make sure only admin have full control of the system	TC-03
UC-04	TS-04	Validate User checking function make sure only user login can use the function	TC-04
UC-05	TS-05	Validate Database checking make sure that info match database info	TC-05
UC-06	TS-06	Validate Register function make sure only user open the invite link can register account	TC-06
UC-07	TS-07	Validate Show timetable make sure show the correct info on timetable	TC-07
UC-08	TS-08	Validate Modify Timetable make sure user and admin can modify timetable and update to database	TC-08
UC-09	TS-09	Validate Layout working normally on Google Chrome Mobile View	TC-09

## 4.6.8 Test Environment

### 4.6.8.1 Hardware

1. Intel i7-4720hq
2. 10GB RAM
3. GTX 950M Nvidia Graphic Cards

### 4.6.8.2 Software

1. Sublime
2. Browser(Google Chrome)

## 4.6.9 Test Execution Strategy

- 25Day for execution at 7hour per day.
- 5day for identify error or defect.
- 15day for debug.
- 5day to rerun testing and debug

## 4.6.10 Scheduling and milestones

Testing	Run project	Find and identify project error or defect	11/3/2020	5
		Fixing the error and defect	16/3/2020	15
		Retest the project	31/3/2020	5
End Day		5/4/2020		

Testing	Run project	Find and identify project error or defect	March																											April			
			11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6				
Testing	Run project	Find and identify project error or defect	11/3/2020		5																												
		Fixing the error and defect		16/3/2020	15																												
		Retest the project			5																												
		End Day			5/4/2020																											END	

## 5.0 Use Manual

### 5.1 Student or Viewer Manual

#### 5.1.1 Home Page

Classroom Timetable System Login

HomePage Home View Full Time Table Search

Home View Course Time Table About This System

#### Class Cancel

Thursday					
Class Cancel - CCGG205 - G1					
Course	Subject	Class Room	Class Time	Lecturer	Date
CCGG	CCGG002	107	1100-1400	Admin	2020-04-23

Thursday					
Class Cancel - CCGG205 - G2					
Course	Subject	Class Room	Class Time	Lecturer	Date
CCGG	CCGG002	106	1430-1730	Admin	2020-04-23

#### Class Replace

Saturday					
Class Replace - CCGG205 - G1					
Course	Subject	Class Room	Class Time	Lecturer	Date
CCGG	CCGG002(Replacement)	108	0830-1130	Admin	2020-04-25

Saturday					
Class Replace - CCGG205 - G2					
Course	Subject	Class Room	Class Time	Lecturer	Date
CCGG	CCGG002(Replacement)	107	1200-1500	Admin	2020-04-25

Home page show the info of cancel class and replace class.

#### 5.1.2 View Course Timetable

Classroom Timetable System Login

HomePage Home View Full Time Table Search

Home View Course Time Table About This System

**CCGG** **SEMD**

View Course Timetable show Course and class current Timetable.

Classroom Timetable System Login

HomePage Home View Full Time Table Search

#### Time Table

Monday				
Class Time				
Subject	Class Room	Class Time	Duration	Lecturer
SEMD001	106	1000 - 1300	180	Admin

Monday				
Class Time				
Subject	Class Room	Class Time	Duration	Lecturer
SEMD002	105	1430 - 1730	180	Admin

Tuesday				
---------	--	--	--	--

### 5.1.3 About This System

#### Classroom Timetable System

**IF YOU ARE STUDNET**

**Student**

You will only allow to view the classroom timetable on this system.

End of Student.

**IF YOU ARE TEACHER**

**Teacher**

Please login with you teacher email. You have the right to register Course, Register Classroom and Timetable by draging the course into timetable with specific Class and the top. If you are first time using this system please go to Register Subject Choose Your Subject. After Register Subject go to Register Classroom Timetable page, The Subject you just registered will be displayed in the "Drag and Drop Selection" area, just drag and drop it into your prefer time and class. Please note that this is the class category and number of people shown on the form. Make sure the class you choose is right for your course.

After Draged in table Make Sure you Submit your table before leaving and changing to other date.  
If you wish to cancel a class, go to Cancel Class page select the date and right click on the class and select request cancel class fill on the form and it will send to Admin, After admin Approved you will be allow to register the replacement class on Replace Class.

End of teacher.

About This System show use manual in text help new user understand our system process.

### 5.1.4 View Full Timetable

#### Classroom Timetable System

**Time Table**

				Friday 24/04/2020																		
<													>									
Class Room	Space amount	Computer amount	Projector	Class Category	8:30 - 9:00 - 9:30 - 10:00 - 10:30 - 11:00 - 11:30 - 12:00 - 12:30 - 13:00 - 13:30 - 14:00 - 14:30 - 15:00 - 15:30 - 16:00 - 16:30 - 17:00 - 17:30 - 18:00 - 18:30 - 19:00																	
108	50	50	2	Computer Lab																		
107	35	35	1	Computer Lab																		
106	30	35	1	Computer Lab																		
105	40	30	1	Computer Lab																		

CC00003  
CC00205 - G1  
Admin

View Full Timetable Show all course and class timetable.

## 5.2 Teacher Manual

### 5.2.1 Login



Login with your teacher account.

**Classroom Timetable System**

Logout Loo Zhen Xi

HomePage Home View Full Time Table Teacher ▾

Home View Course Time Table About

Class Cancel

Thursday Class Cancel - CCGG205 - G1

Register Subject Cancel Class Replace Class

Register Timetable View My Request

Thursday Class Cancel - CCGG205 - G2

Search Search

That will have a Teacher dropdown list on menu bar.

### 5.2.2 Register Account

**Classroom Timetable System**

Logout admin

HomePage Home View Full Time Table Admin ▾

Search Search

Register Form

Email zhenxinewera@gmail.com

Password

Confirm Password:

User Name: For Admin View name

Lecturer Name:

Phone: 012-3456789

Sign Up

Open the link that you have receive on email fill up this form and click sign up button.

### 5.2.3 Register Subject

#### Classroom Timetable System

Logout Loo Zhen Xi

HomePage Home View Full Time Table Teacher ▾

Search

Search

#### Register Subject

Couser : SEMD ▾ Semester : SEM2 ▾ Intake : Jan 2020 ▾

ID	Subject ID	Subject Name	Course	Semester	Class	Lecturer	Duration(mins)	
42	SEMD022	Programing in java	SEMD	SEM2	SEMD201 - G1	Loo Zhen Xi	180	
43	SEMD023	Programing in PHP	SEMD	SEM2	SEMD201 - G1	Loo Zhen Xi	180	
44	SEMD024	Programing in Javascript	SEMD	SEM2	SEMD201 - G1	Empty	180	<button>Register</button>
41	SEMD099	SEMDAAA	SEMD	SEM2	SEMD201 - G1	Empty	180	<button>Register</button>

#### Registered Subject

ID	Subject ID	Subject Name	Course	Semester	Class	Lecturer	Duration(mins)	
17	SEMD022	Programing in java	SEMD	SEM2	SEMD201 - G1	Loo Zhen Xi	180	<button>Drop</button>
18	SEMD023	Programing in PHP	SEMD	SEM2	SEMD201 - G1	Loo Zhen Xi	180	<button>Drop</button>

Here is where you register the subject for teaching class, you can drop it if you registered wrong subject.

### 5.2.4 Register Timetable

#### Classroom Timetable System

Logout Loo Zhen Xi

HomePage Home View Full Time Table Teacher ▾

Search

Search

#### Time Table

<

Thursday [23/04/2020]

>

Class Room	Space amount	Computer amount	Projecter	Calss Category	8:30 - 9:00	9:00 - 9:30	9:30 - 10:00	10:00 - 10:30	10:30 - 11:00	11:00 - 11:30	11:30 - 12:00	12:00 - 12:30	12:30 - 13:00	13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00
108	50	50	2	Computer Lab																					
107	35	35	1	Computer Lab																					
106	30	35	1	Computer Lab																					
105	40	30	1	Computer Lab																					

Submit

#### Drag and Drop selection

SEMD022  
Loo Zhen Xi  
SEMD201 - G1

SEMD023  
Loo Zhen Xi  
SEMD201 - G1

Here is where you register timetable for your teaching class. Just drag and drop to your prefer weekday and time and click the submit button.

### 5.2.5 Cancel Class

#### Classroom Timetable System

Logout Loo Zhen Xi

HomePage Home View Full Time Table Teacher ▾

Search

SEARCH

#### Request Cancel

<

Tuesday [13/07/2021]

>

Class Room	Space amount	Computer amount	Projecter	Calss Category	8:30 - 9:00	9:00 - 9:30	9:30 - 10:00	10:00 - 10:30	10:30 - 11:00	11:00 - 11:30	11:30 - 12:00	12:00 - 12:30	12:30 - 13:00	13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00
108	50	50	2	Computer																					
107	35	35	1	Computer Lab																					
106	30	35	1	Computer Lab																					
105	40	30	1	Computer Lab																					

SEMD022  
SEMD201 - G1

Request Cancel This Class

Here is how you request a class cancel submission. Right click on the class you want to cancel and click Request Cancel This Class.

## Classroom Timetable System

[Logout](#) Loo Zhen Xi

[HomePage](#) [Home](#) [View Full Time Table](#) [Teacher](#) ▾

Search

Search

### Request Cancel Class

Class Room ID: 107

Course: SEMD

Subject ID: SEMD022

Class ID: SEMD201 - G1

Class Time: 1030 - 1330

Date: 2021-07-13(Tuesday)

Reason:

Detail:

Fill the form and click Submit Request button wait until admin approve or reject your request.

## 5.2.6 View My Request

### Classroom Timetable System

[Logout](#) Loo Zhen Xi

HomePage Home View Full Time Table Teacher ▾

Search

Search

#### My Request

Request ID	Classroom ID	Course	Subject	Class ID	Start time	End time	Week day	Reason	Status	Class Date
3	107	SEMD	SEMD023	SEMD201 - G1	1000	1300	Thursday	Register Fail	Approved	2020-04-23
4	107	SEMD	SEMD023	SEMD201 - G1	1000	1300	Thursday	Register Fail	Approved	2020-04-30
5	107	SEMD	SEMD023	SEMD201 - G1	1000	1300	Thursday	Register Fail	Approved	2020-05-07
6	107	SEMD	SEMD023	SEMD201 - G1	1000	1300	Thursday	Register Fail	Approved	2020-05-14
7	107	SEMD	SEMD023	SEMD201 - G1	1000	1300	Thursday	Register Fail	Approved	2020-05-21
8	107	SEMD	SEMD023	SEMD201 - G1	1000	1300	Thursday	Register Fail	Approved	2020-05-28
9	107	SEMD	SEMD023	SEMD201 - G1	1000	1300	Thursday	Register Fail	Approved	2020-06-04
10	107	SEMD	SEMD023	SEMD201 - G1	1000	1300	Thursday	Register Fail	Approved	2020-06-11
11	107	SEMD	SEMD023	SEMD201 - G1	1000	1300	Thursday	Register Fail	Approved	2020-06-18
12	107	SEMD	SEMD023	SEMD201 - G1	1000	1300	Thursday	Register Fail	Approved	2020-06-25
13	107	SEMD	SEMD023	SEMD201 - G1	1000	1300	Thursday	Register Fail	Approved	2020-07-02

You can always come to this page to click you request status have been approved or reject.

## 5.2.7 Replace Class

### Classroom Timetable System

[Logout](#) Loo Zhen Xi

HomePage Home View Full Time Table Teacher ▾

Search

Search

Time Table		<		Thursday		23/04/2020		>																		
Class Room	Space amount	Computer amount	Projecter	Class Category	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	18:30 - 19:00
108	50	50	2	Computer Lab																						
107	35	35	1	Computer Lab																						
106	30	35	1	Computer Lab																						
105	40	30	1	Computer Lab																						

Drag and Drop selection

SEMD023 Loo Zhen Xi SEMD201 - G1								
SEMD023 Loo Zhen Xi SEMD201 - G1	SEMD023 Loo Zhen Xi SEMD201 - G1	SEMD023 Loo Zhen Xi SEMD201 - G1	SEMD022 Loo Zhen Xi SEMD201 - G1					

Submit

Once you request have been approved you can come to Replace Class to register your replace class timetable. Method is same as register timetable drag and drop to your prefer time and click submit.

## 5.3 Admin Manual

### 5.3.1 Manage Classroom

#### Classroom Timetable System

Logout admin

HomePage Home View Full Time Table Admin ▾

Search

Search

#### Manage Classroom

Classroom ID	Class Capacity	Class Category	Class Status	Edit	Delete
108	50	Computer Lab	Available	<button>Edit</button>	<button>Delete</button>
107	35	Computer Lab	Available	<button>Edit</button>	<button>Delete</button>
106	30	Computer Lab	Available	<button>Edit</button>	<button>Delete</button>
105	40	Computer Lab	Available	<button>Edit</button>	<button>Delete</button>

#### Add Classroom

Class ID :

Class Capacity :

Class Category: ---Select---

Projector amount: 0

Add

You can modify or delete (remove) classroom on this timetable. You can also add a new classroom to this system by fill up the form below and click submit.

### 5.3.2 Manage Semester

#### Classroom Timetable System

Logout admin

HomePage Home View Full Time Table Admin ▾

Search

Search

#### Manage Sem

Semester
Sem 1
Sem 2
Sem 3
Sem 4
Sem 5
Sem 6

Add SEM

You can add new semester to this system. Semester is shared to all course but can limit maximum semester on course while adding the new course and modify the course.

### 5.3.3 Manage Course

#### Classroom Timetable System

HomePage Home View Full Time Table Admin ▾

Logout admin

Search

Search

#### Manage Course

Course ID	Course Name	Total Semester	Edit	Delete
SEMD	Software Engineer and mobile Application Developer	6	Edit	Delete
CCGG	Computer Game	6	Edit	Delete

#### Add Course

Course ID:

Course Name:

Total\_semester : SEM1

You can edit, Delete course and add new course on this page by fill up the add course form and click submit button.

### 5.3.4 Manage Subject

#### Classroom Timetable System

HomePage Home View Full Time Table Admin ▾

Search

Search

#### Manage Subject

Deleted Subject

Subject ID	Subject Name	Duration	Edit	Delete
SEMD001	New to Software	180	Edit	Delete
SEMD002	New to Software2	180	Edit	Delete
SEMD003	New to Software3	180	Edit	Delete
SEMD004	New to Software4	180	Edit	Delete

#### Add Subject

Course :

Subject ID :

Subject Name :

Subject Semester :

Duration :

You can edit, delete subject and add new subject on this page by fill up the add subject form and click add button.

## 5.3.5 Manage Intake

### Classroom Timetable System

HomePage Home View Full Time Table Admin ▾

Logout admin

Search

Search

#### Manage Intake

Intake	Create Date	
Jan 2020	2020-04-10	<button>Delete</button>
May 2020	2020-04-15	<button>Delete</button>

#### Add Intake

Intake :

Submit

You can delete intake and add new intake on this page by fill up the add intake form and click submit button.

## 5.3.6 Manage Class

### Classroom Timetable System

HomePage Home View Full Time Table Admin ▾

Logout admin

Search

Search

#### Manage Class

ID	Class ID	Student Amount	Course ID	Current Sem	Intake	Edit	Delete	Force Drop
16	SEMD201 - G1	40	SEMD	2	Jan 2020	<button>Edit</button>	<button>Delete</button>	<button>Force Drop</button>
29	CCGG205 - G1	20	CCGG	2	May 2020	<button>Edit</button>	<button>Delete</button>	<button>Force Drop</button>
30	CCGG205 - G2	20	CCGG	2	May 2020	<button>Edit</button>	<button>Delete</button>	<button>Force Drop</button>
31	SEMD205 - G1	20	SEMD	2	May 2020	<button>Edit</button>	<button>Delete</button>	<button>Force Drop</button>

#### Add Class

Intake:

Course :

Class ID:

Current Semester:

Student Amount:

Add

You can edit, delete, force drop subject on the current class and add new class by fill up the add class form and click add button.

### 5.3.7 Modify Timetable

#### Classroom Timetable System

#### Drag and Drop selection

Admin have the right to modify timetable. You can cancel or remove class on timetable by clicking right click on class timetable. You can create one time class in case that is a talk show or other event on that day and register on timetable. You have the right to reset the timetable by clicking reset timetable.

### 5.3.8 Manage User

#### Classroom Timetable System

As admin you have the right to delete user on this system and invite new user to this system by clicking send invite link button.

**Invite New User**

---

Email

---

Invite Link

---

**Create Invite Link**

---

Fill in the user email that you want to invite to your system and click create invite link it will create a invite link it will auto generate a invite link and show on textbox click send button it will send the invite link to the user email.

### 5.3.9 Show Request Classroom Timetable System

[Logout](#) admin

[HomePage](#) [Home](#) [View Full Time Table](#) [Admin](#) ▾

Search

#### Show Request

Request ID	Class Room ID	Subject	Class	Time	Weekday	User Name	Reason	Detail	Date	Status	Approvement
16	107	SEMD022	SEMD201 - G1	1030 - 1330	Tuesday	Loo Zhen Xi	Sick		2021-07-13	Request Cancel	<a href="#">Approve</a> <a href="#">Deny</a>

As admin you can approve or deny user cancel class request, once you approve the request user can replace class on timetable if you click deny the class will still follow the original timetable.

## 6.0 Coding

### 6.1 Front-End (Html & JavaScript)

#### 6.1.1 Homepage

##### 6.1.1.1 Homepage.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Home Page</title>

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
        crossorigin="anonymous">

    <style type="text/css">
        .card-columns {
            @include media-breakpoint-only(xl) {
                column-count: 5;
            }
            @include media-breakpoint-only(lg) {
                column-count: 4;
            }
            @include media-breakpoint-only(md) {
                column-count: 3;
            }
            @include media-breakpoint-only(sm) {
                column-count: 2;
            }
        }
    </style>
    <!-- My Own Script -->
    <script type="text/javascript" src="homepage.js"></script>
    <script type="text/javascript" src="checkuser.js"></script>
</head>
<body>

    <div class="Title" style="display: inline-block;">
        <h1 class="SystemName" style="float: left;">Classroom Timetable
    System</h1>

    </div>
```

```

<div style="float: right; padding-right: 20px" id="loginStatus">
    <a href="login.html">Login</a>
</div>

<!-- Navtop -->
<nav class="navbar navbar-expand-lg navbar-light bg-light">
    <a class="navbar-brand" href="#">HomePage</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarSupportedContent">
        <ul class="navbar-nav mr-auto" id="topnav">
            <li class="nav-item active">
                <a class="nav-link" href="#">Home <span class="sr-only">(current)</span></a>
            </li>
            <li>
                <a class="nav-link" href="timetable.html">View Full Time Table</a>
            </li>
        </ul>
        <form class="form-inline my-2 my-lg-0" id='searchform'>
            <input class="form-control mr-sm-2" type="search" placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
            <datalist id="allcourse">
                </datalist>
            <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>
        </form>
    </div>
</nav>

<!-- Nav tab below -->
<ul class="nav nav-tabs" id="myTab" role="tablist">
    <li class="nav-item">
        <a class="nav-link active" id="home-tab" data-toggle="tab" href="#home" role="tab" aria-controls="home" aria-selected="true">Home</a>
    </li>
    <li class="nav-item">
        <a class="nav-link" id="viewalltimetable-tab" data-toggle="tab" href="#viewalltimetable" role="tab" aria-controls="viewalltimetable" aria-selected="false">View Course Time Table</a>
    </li>

```

```

<li class="nav-item">
    <a class="nav-link" id="aboutus-tab" data-toggle="tab"
    href="#aboutus" role="tab" aria-controls="aboutus" aria-selected="false">About This
System</a>
</li>
</ul>

<!-- home -->
<div class="tab-content" id="myTabContent">
    <div class="tab-pane fade show active" id="home" role="tabpanel" aria-
labelledby="home-tab">
        <h1>Class Cancel</h1>
        <div id='canceldiv' class="row">

        </div>

        <h1>Class Replace</h1>
        <div id="replacediv" class="row">

        </div>
    </div>

    <!-- viewalltimetable -->
    <div class="tab-pane fade" id="viewalltimetable" role="tabpanel" aria-
labelledby="viewalltimetable-tab">
        <div id="Course">

        </div>
    </div>

    <!-- aboutus -->
    <div class="tab-pane fade" id="aboutus" role="tabpanel" aria-
labelledby="aboutus-tab">
        <!-- Modal -->
        <div class="container-fluid" id="Studentdiv" style="padding-bottom:
50px;">
            <div class="card text-center text-white bg-success">
                <div class="card-header font-weight-bold">
                    IF YOU ARE STUDNET
                </div>
                <div class="card-body">
                    <h5 class="card-title">Student</h5>
                    <p class="card-text">You will only allow to
view the classroom timetable on this system.</p>
                </div>
                <div class="card-footer ">
                    End of Student.
                </div>
            </div>
        </div>
    </div>

```

```

        </div>
    </div>

</div>
<!-- Modal -->
<div class="container-fluid" id="Teacherdiv" style="padding-bottom: 50px;">
    <div class="card text-center text-white bg-primary">
        <div class="card-header font-weight-bold">
            IF YOU ARE TEACHER
        </div>
        <div class="card-body">
            <h5 class="card-title">Teacher</h5>
            <p class="card-text">
                Please login with you teacher email. You

```

have the right to register Course, Register Classroom and Timetable by draging the course into timetable with specific Class and the top. If you are first time using this system please go to Register Subject Choose Your Subejct. After Register Subject go to Register Classroom Timetable page, The Subject you just registered will be displayed in the "Drag and Drop Selection" area, just drag and drop it into your prefer time and class. Please note that this is the class category and number of people shown on the form. Make sure the class you choose is right for your course.

<br>

After Draged in table Make Sure you

Submit your table before leaving and changing to other date.

<br>

If you wish to cancel a class, go to

Cancel Class page select the date and right click on the class and select request cancel class fill on the form and it will send to Admin, After admin Approved you will be allow to register the replacement class on Replace Class.

</p>

```

        </div>
        <div class="card-footer">
            End of teacher.
        </div>
    </div>
```

```

</div>
<!-- Modal -->
<div class="container-fluid" id="Admindiv">
    <div class="card text-center text-white bg-danger">
        <div class="card-header font-weight-bold">
            IF YOU ARE ADMIN
        </div>
        <div class="card-body">
            <h5 class="card-title">Admin</h5>
```

<p class="card-text">  
If you are the new admin of this system,  
Please Go to Manage Classroom page add classroom, Manage Semester page Add semester,  
Manage Course Add new Course to this system. After this go to Manage Subject add subject  
to your course and semester. And add new Intake at Manage Intake.

<br>  
Now you can add new Class group by  
Intake, Course, Semester to this system. After This user and you can Register Subject and  
Register TimeTable to this system.

<br>  
As a Admin you able to Approve / Deny  
user cancel class request at Show Request Page, Modify / Reset timetable at Modify  
Timetable Page, Invite / Remove User at Manage User Page.

</p>  
</div>  
<div class="card-footer">  
End of Admin.  
</div>  
</div>  
  
</div>  
</div>  
</div>  
</div>  
<!-- Optional JavaScript -->  
<script type="text/javascript" src="searchbar.js"></script>  
<script type="text/javascript">  
 window.onload = getAllCourse();  
 window.onload = checkUser();  
 window.onload = getCancelledClass();  
 window.onload = getReplacedClass();  
</script>  
<!-- jQuery first, then Popper.js, then Bootstrap JS -->  
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzbzo5smXKp4YfRvH+8abTE1Pi6jizo"  
crossorigin="anonymous"></script>  
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"  
integrity="sha384-UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"  
crossorigin="anonymous"></script>  
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"  
integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIly6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"  
crossorigin="anonymous"></script>  
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.js" ></script>  
</body>  
</html>

### 6.1.1.2 Homepage.js

```
function getallCourse(){

    var xhttp = new XMLHttpRequest();
    var coursediv = document.getElementById('Course');

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            var course = this.responseText.split(",");
            for (var i = 0; i < course.length; i++) {

                if (course[i] != "") {
                    var element = document.createElement("div");
                    element.id = course[i];
                    coursediv.classList.add("card-columns");
                    // element.innerHTML = "<a class='btn btn-outline-success' role='button' href='timetableforcourse.html?course="+course[i]+"'>"+course[i]+"</a>";
                    element.innerHTML = "<div class='card text-center text-white bg-success mb-3'>" +
                        "<div class='card-body'>" +
                        "<h5 class='card-title'>" +course[i]+ "</h5>" +
                        "<a href='timetableforintake.html?course="+course[i]+"' class='btn btn-outline-light stretched-link'>View TimeTable</a>" +
                        "</div>" +
                        "</div>";

                    coursediv.appendChild(element);
                }
            }
        }
    }

    xhttp.open("GET", "viewalltimetable.php", true);
    xhttp.send();
}

function getCanceledClass() {
    var canceldiv = document.getElementById('canceldiv');
    var xhttp = new XMLHttpRequest();
    xhttp.onreadystatechange = function() {
        if (this.readyState == 4 && this.status == 200) {
```

```

        if (this.responseText.trim() != "") {
            var array = JSON.parse(this.responseText);
            for (var i = 0; i < array.length; i++) {
                var thisclass = array[i].split(",");
                var weekday = thisclass[5];

                var thisdiv = document.createElement('div');
                thisdiv.classList.add('col-sm-6');
                thisdiv.innerHTML = "<div class='card text-white bg-
danger mb-3' style='max-width: 50rem;'>" +
                    "<div class='card-header>" +weekday+"</div>" +
                    "<div class='card-body>" +
                    "<h5 class='card-title>Class Cancel -
" +thisclass[9]+</h5>" +
                    "<p class='card-text>" +
                    "<table class='table table-bordered>" +
                    "<tr><th>Course</th><th>Subject</th><th>Class
Room</th><th>Class Time</th><th>Lecturer</th><th>Date</th></tr>" +
                    "<tr>" + "<td>" +thisclass[1]+</td><td>" +thisclass[8]+</td><td>" +thisclass[0]+</t
d>" + "<td>" +thisclass[2]+"-"
" +thisclass[3]+</td>" + "<td>" +thisclass[6]+</td>" + "<td>" +thisclass[7]+</td></tr></p>" +
                    "</table>" +
                    "</div>" +
                    "<div class='card-footer text-muted>" +
                    "2 days ago" +
                    "</div>" +
                    "</div>";
                canceldiv.appendChild(thisdiv);
            }
        }
    } else{
        var title = document.createElement("H1");
        title.innerHTML = "----None---";
        canceldiv.appendChild(title);
    }
};

 xhttp.open("GET", "timetableforcoursecancel.php", true);
 xhttp.send();
}

```

```

function getReplacedClass() {
    var replacediv = document.getElementById('replacediv');
    var xhttp = new XMLHttpRequest();
    xhttp.onreadystatechange = function() {
        if (this.readyState == 4 && this.status == 200) {
            if (this.responseText.trim() != "") {
                var array = JSON.parse(this.responseText);
                for (var i = 0; i < array.length; i++) {
                    var thisclass = array[i].split(",");
                    var weekday = thisclass[5];

                    var thisdiv = document.createElement('div');
                    thisdiv.classList.add('col-sm-6');
                    thisdiv.innerHTML = "<div class='card text-white bg-
danger mb-3' style='max-width: 50rem;'>" +
                        "<div class='card-header>" + weekday + "</div>" +
                        "<div class='card-body>" +
                        "<h5 class='card-title>Class Replace - " +
                        "+thisclass[9]+</h5>" +
                        "<p class='card-text>" +
                        "<table class='table table-bordered>" +
                        "<tr><th>Course</th><th>Subject</th><th>Class
Room</th><th>Class Time</th><th>Lecturer</th><th>Date</th></tr>" +
                        "<tr>" + "<td>" +thisclass[1]+ "</td><td>" +thisclass[8]+ "</td><td>" +thisclass[0]+ "</t
d>" + "<td>" +thisclass[2]+ -
"+thisclass[3]+ "</td>" + "<td>" +thisclass[6]+ "</td>" + "<td>" +thisclass[7]+ "</td></tr></p>" +
                        "</table>" +
                        "</div>" +
                        "<div class='card-footer text-muted>" +
                        "2 days ago" +
                        "</div>" +
                        "</div>";

                    replacediv.appendChild(thisdiv);
                }
            }
        } else{
            var title = document.createElement("H1");
            title.innerHTML = "----None---";
            replacediv.appendChild(title);
        }
    };
};

xhttp.open("GET", "timetableforcoursereplace.php", true);
xhttp.send();

```

}

### 6.1.1.3 Checkuser.js

```
var username;

function checkuser(){

    var topnav = document.getElementById('topnav');
    var loginstatus = document.getElementById('loginStatus');
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            if(this.responseText.trim() == 'Teacher'){

                loginstatus.innerHTML = "<a href='logout.php' style='padding-right:20px;'>Logout</a><a style='color:green' href='viewmyprofile.html'" +username +
                "<a>" +<br>

                var thisli = document.createElement('li');
                thisli.classList.add("nav-item","dropdown");

                thisli.innerHTML = "<a class='nav-link dropdown-toggle' data-toggle='dropdown' href='#' role='button' aria-haspopup='true' aria-expanded='false'>Teacher</a>" +
                    "<div class='dropdown-menu'> " +
                    "<a class='dropdown-item' href='registersubject.html'>Register Subject</a>" +
                    "<a class='dropdown-item' href='cancelclass.html'>Cancel Class</a>" +
                    "<a class='dropdown-item' href='replaceclass.html'>Replace Class</a>" +
                    "<div class='dropdown-divider'></div>" +
                    "<a class='dropdown-item' href='registertimetable.html'>Register Timetable</a>" +
                    "<a class='dropdown-item' href='viewmyrequest.html'>View My Request</a>" +
                    "</div>" +
                    topnav.appendChild(thisli);
            }else if (this.responseText.trim() == 'Admin') {

                loginstatus.innerHTML = "<a href='logout.php' style='padding-right:20px;'>Logout</a><a style='color:green' href='viewmyprofile.html'" +username +
                "<a>" +<br>

                var thisli = document.createElement('li');
                thisli.classList.add("nav-item","dropdown");
```

```

        thisli.innerHTML = "<a class='nav-link dropdown-toggle' data-
toggle='dropdown' href='#' role='button' aria-haspopup='true' aria-
expanded='false'>Admin</a>" +
        "<div class='dropdown-menu'> " +
        "<a class='dropdown-item' href='registersubject.html'>Register
subject</a>" +
        "<a class='dropdown-item' href='cancelclass.html'>Cancel
Class</a>" +
        "<a class='dropdown-item' href='replaceclass.html'>Replace
Class</a>" +
        "<div class='dropdown-divider'></div>" +
        "<a class='dropdown-item' href='EditClass.html'>Manage
Classroom</a>" +
        "<a class='dropdown-item' href='ManageSem.html'>Manage
Semester</a>" +
        "<a class='dropdown-item' href='EditCourse.html'>Manage
Course</a>" +
        "<a class='dropdown-item' href='managesubject.html'>Manage
Subject</a>" +
        "<a class='dropdown-item' href='intake.html'>Manage
Intake</a>" +
        "<a class='dropdown-item' href='manageClass.html'>Manage
Class</a>" +
        "<a class='dropdown-item'
href='registertimetable.html'>Register Timetable</a>" +
        "<a class='dropdown-item'
href='adminedittimetable.html'>Modify Time Table</a>" +
        "<a class='dropdown-item' href='adduser.html'>Manage
Users</a>" +
        "<a class='dropdown-item' href='showrequest.html'>Show
Request</a>" +
        "</div>
        topnav.appendChild(thisli);
    }
}
}

xhttp.open("GET", "checkuser.php", true);
xhttp.send();
}

function getusername(){
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            username = this.responseText.trim();
        }
    }
}

```

```

        }
    }

    xhttp.open("GET", "getusername.php", true);
    xhttp.send();
}

function checkAdmin(){
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            if (this.responseText == 'Admin') {

                }else{
                    alert("Only admin can use this function.");
                    window.location = "homepage.html"
                }
            }
        }

    xhttp.open("GET", "usercheck.php", true);
    xhttp.send();
}

function checkRight(){
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            if (this.responseText == 'no user') {
                alert("Only Teacher or Admin can use this function.");
                window.location = "homepage.html"
            }
        }
    }

    xhttp.open("GET", "usercheck.php", true);
    xhttp.send();
}

window.onload = getUsername();

```

#### 6.1.1.4 Searchbar.js

```
function searchdropdown(){
    var list = document.getElementById('allcourse');
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){

            var course = this.responseText.split(",");
            for (var i = 0; i < course.length-1; i++) {
                var option = document.createElement('OPTION');

                option.innerHTML = "<a
onclick='location=timetableforcourse.html?course="+course[i]+"'>" + course[i] + "</a>";
                option.addEventListener("click",function(){

                });
                list.appendChild(option);
            }
        }
    }

    xhttp.open("GET", "viewalltimetable.php", true);
    xhttp.send();
}

document.getElementById('searchform').addEventListener("submit",function(evt){
    evt.preventDefault();
    var search = document.getElementById("searchbar").value;

    if (search != "") {
        window.location = "timetableforintake.html?course=" + search;
    }
});

window.onload = searchdropdown();
```

## 6.1.2 Login Page

### 6.1.2.1 Login.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <meta name="description" content="">
    <meta name="author" content="">

    <title>Signin Template for Bootstrap</title>

    <!-- Bootstrap core CSS -->
    <link rel="stylesheet"
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUhcWr7x9JvoRxT2MZw1T"
        crossorigin="anonymous">

    <!-- Custom styles for this template -->
    <link href="login.css" rel="stylesheet">

</head>

<body>

    <div class="wrapper">
        <div class="Title">
            <h1 class="SystemName">Classroom Timetable System</h1>
        </div>

        <div class="container my-5">
            <div class="row">
                <div class="col-md-10 col-sm-6 mx-auto">
                    <form id='form'>
                        <div class="form-group">
                            <input type="email" id="email" name="email" class="form-control" required>
                            <label class="ph-area" for="name">Email</label>
                        </div>
                        <div class="form-group">
                            <input type="password" id="password" name="password" class="form-control" required>
                            <label class="ph-area" for="password">Password</label>
                        </div>
                    </form>
                </div>
            </div>
        </div>
    </div>
</body>
```

```

        <input type="Submit" name="Submit" class="btn btn-info" value="Login"
style="width: 100% " ></input>
    </form>
</div>
</div>
</div>
</div>

<script type="text/javascript" src="login1.js">
</script>

<!-- Bootstrap core JavaScript
=====
-->
<!-- Placed at the end of the document so the pages load faster -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIiy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script>

</body>
</html>

```

### 6.1.2.2 Login1.js

```
document.getElementById('form').addEventListener("submit",function(evt){  
    evt.preventDefault();  
    var email = document.getElementById('email').value;  
    var password = document.getElementById('password').value;  
  
    if (email && password != "") {  
        var xhttp = new XMLHttpRequest();  
  
        xhttp.onreadystatechange = function(){  
            if(this.readyState == 4 && this.status == 200){  
                alert(this.responseText.trim());  
                const checking = this.responseText.split(",");  
                if (checking[0].trim() == "Welcome back"){  
                    window.location = "homepage.html";  
                }else{  
                    document.getElementById('email').value = "";  
                    document.getElementById('password').value = "";  
                }  
            }  
        }  
    }  
});  
  
xhttp.open("GET", "login.php?email=" + email + "&password=" + password, true);  
xhttp.send();  
}  
});
```

### 6.1.3 Register

#### 6.1.3.1 Register.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Register</title>

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
        crossorigin="anonymous">

    <script type="text/javascript" src="checkuser.js"></script>
</head>
<body>
    <!-- top nav -->
    <div class="Title" style="display: inline-block;">
        <h1 class="SystemName" style="float: left;">Classroom Timetable
        System</h1>

    </div>
    <div style="float: right; padding-right: 20px" id="loginStatus">
        <a href="login.html">Login</a>
    </div>

    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <a class="navbar-brand" href="homepage.html">HomePage</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>

        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav mr-auto" id="topnav">
                <li class="nav-item">
                    <a class="nav-link" href="homepage.html">Home</a>
                </li>
                <li>
                    <a class="nav-link active" href="timetable.html">View
                    Full Time Table<span class="sr-only" style="font-size: small;">(current)</span></a>
                </li>
            </ul>
        </div>
    </nav>
</body>
```

```

        </li>
    </ul>
    <form class="form-inline my-2 my-lg-0" id='searchform'>
        <input class="form-control mr-sm-2" type="search"
placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
            <datalist id="allcourse">
            </datalist>
            <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>
        </form>
    </div>
</nav>

<div>
    <h1>Register Form</h1>
    <form id="registerForm">
        <table>
            <tr>
                <td>Email</td>
                <td id="email"></td>
            </tr>
            <tr>
                <td>Password</td>
                <td><input type="Password" name="Password" id="password" required></td>
            </tr>
            <tr>
                <td>Confirm Password:</td>
                <td><input type="Password" name="Password" id="cpassword" required></td>
            </tr>
            <tr>
                <td>User Name:</td>
                <td><input type="text" id="userName" name="userName" placeholder="For Admin View name" required></td>
            </tr>
            <tr>
                <td>Lecturer Name</td>
                <td><input type="text" name="Name" id="Name" required></td>
            </tr>
            <tr>
                <td>Phone</td>
                <td><input type="text" name="text" id="Phone" pattern="^(\+?6?01)[0-46-9]-*[0-9]{7,8} $" placeholder="012-3456789" required></td>
            </tr>
            <tr>

```

```

        <td></td>
        <td><button>Sign Up</button></td>
    </tr>
</table>
</form>
</div>

<!-- Optional JavaScript -->
<script type="text/javascript" src="register.js"></script>
<script type="text/javascript" src="searchbar.js"></script>
<script type="text/javascript">
    window.onload = logoutUser();
    window.onload = checkuser();
</script>
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIly6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script></body>
</html>

```

#### **6.1.3.2 Register.js**

```

var data = [];
var data1 = [];

function getCourseFromURL(){
    var queryString = decodeURIComponent(window.location.search);
    queryString = queryString.substring(1);
    var queries = queryString.split("&");

    for (var i = 0; i < queries.length; i++)
    {
        data[i] = queries[i].split("=");
    }

    for (var i = 0; i < data.length; i++)
    {

```

```

var text = data[i].toString();

text = text.substring(text.indexOf(",") + 1);
data1[i] = text;
}
return data1[0];
}

document.getElementById('registerFrom').addEventListener("submit", function(evt){

evt.preventDefault();

var email = document.getElementById('email').innerHTML;
var password = document.getElementById('password').value;
var userName = document.getElementById('userName').value;
var Name = document.getElementById('Name').value;
var Phone = document.getElementById('Phone').value;
var cpassowrd = document.getElementById('cpassword').value;

if (userName && password && cpassowrd && Name && Phone != "") {
if (cpassowrd != password) {
alert("Confirm Password and Password not match!!");
document.getElementById('password').value = "";
document.getElementById('cpassword').value = "";
}
else{
var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function(){
if(this.readyState == 4 && this.status == 200){
alert(this.responseText);
if (this.responseText == "Register Successful. You can Login Now") {
location.href = "login.html";
}
}
}
}

xhttp.open("GET", "signup.php?email=" + email + "&password=" + password +
"&userName=" + userName + "&Name=" + Name + "&Phone=" + Phone + "&id=" +
+getCourseFromURL() , true);
xhttp.send();
}
}
});

function getEmail(){


```

```
var email = document.getElementById('email').value;
var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function(){
  if(this.readyState == 4 && this.status == 200){
    document.getElementById('email').innerHTML = this.responseText;
  }
}

xhttp.open("GET","getemail.php?id=" + getCourseFromURL(), true);
xhttp.send();
}

function logoutUser(){

var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function(){
  if(this.readyState == 4 && this.status == 200){
    }

}

xhttp.open("GET","logout.php?", true);
xhttp.send();
}

window.onload = getEmail();
```

## 6.1.4 View Full Timetable

### 6.1.4.1 Timetable.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Full Time Table</title>

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
        crossorigin="anonymous">
        <link rel="stylesheet" href="timetable.css">
        <link rel="stylesheet" href="registertimetable.css">
        <link
            href="https://fonts.googleapis.com/css?family=Roboto:300,300i,400,400i,500,500i,700,700i"
            rel="stylesheet">
            <link href="https://fonts.googleapis.com/icon?family=Material+Icons"
            rel="stylesheet">
            <link rel="stylesheet" type="text/css"
        href="https://daemonite.github.io/material/css/material.min.css">
        <script type="text/javascript"
src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
        <script type="text/javascript" src="timetable.js"></script>
        <link rel="stylesheet" type="text/css" href="table.css">
        <script type="text/javascript" src="checkuser.js"></script>
</head>
<body>
    <div class="Title" style="display: inline-block;">
        <h1 class="SystemName" style="float: left;">Classroom Timetable
        System</h1>
    </div>
    <div style="float: right; padding-right: 20px" id="loginStatus">
        <a href="login.html">Login</a>
    </div>

    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <a class="navbar-brand" href="homepage.html">HomePage</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
```

```

        <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarSupportedContent">
        <ul class="navbar-nav mr-auto" id="topnav">
            <li class="nav-item">
                <a class="nav-link" href="homepage.html">Home</a>
            </li>
            <li>
                <a class="nav-link active" href="timetable.html">View
Full Time Table<span class="sr-only">(current)</span></a>
                </li>
            </ul>
            <form class="form-inline my-2 my-lg-0" id='searchform'>
                <input class="form-control mr-sm-2" type="search"
placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
                <datalist id="allcourse">
                </datalist>
                <button class="btn btn-outline-success my-2 my-sm-0"
type="submit">Search</button>
            </form>
        </div>
    </nav>

```

```

<div>
    <h1 style="display: inline;">Time Table</h1>
    <button id="left" style="margin-left: 14%;" onclick="back()"><</button>
    <h1 id="Weekdays" data-weekdays="Monday" style="display: inline; margin-
left: 10%;">Monday</h1>
    <input type="date" name="datepicker" id="picker"
onchange="getChangedDate()">
    <button id="right" style="margin-left: 10%;" onclick="next()">></button>
</div>

<table id="timetable" style="font-size: 80%">
</table>
<div class="dropdown-menu dropdown-menu-sm" id="context-menu">
    <a class="dropdown-item" href="#">Action</a>
    <a class="dropdown-item" href="#">Another action</a>
    <a class="dropdown-item" href="#">Something else here</a>
</div>

<!-- Optional JavaScript -->

```

```

<script type="text/javascript" src="searchbar.js"></script>
<script type="text/javascript">
    window.onload = getCurrentDate();
    window.onload = checkuser();
</script>

<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzbzo5smXKp4YfRvH+8abTE1Pi6jizo"
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIly6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script>
</body>
</html>

```

#### **6.1.4.2 Timetable.css**

```

table {
    border-collapse: collapse;
}

table, td, th {
    border: 1px solid black;
}

```

#### **6.1.4.3 Registertimetable.css**

```

#left,#right{
    display: inline;
    font-size: 24px;
    padding-left: 100px;
    width: 150px;
    height: 50px;
    margin: 0 auto;
    padding: 0;
    display: inline-block;
    line-height: 50px;
    text-align: center;
}

```

#### 6.1.4.4 Timetable.js

```
function gettable(){
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            document.getElementById('timetable').innerHTML =
this.responseText;
            checktable();
            getTimetable();
        }
    }
    xhttp.open("GET","tablewithoutdrop.php", true);
    xhttp.send();
}

function checktable(){
    var table = document.getElementById('timetable');
    var rows = table.rows;
    var cells;
    var cell;

    for (var r = 1; r < rows.length ; r++){
        cells = rows[r].cells;
        for (var c= 5; c < cells.length; c++) {
            cell = cells[c];
            if(c == 5){
                cell.setAttribute("data-time","0830");
            }
            if (cell.colSpan != '1') {
                var time = cell.colSpan * 30;
                var testing = cell.getAttribute("data-time");
                var hour = testing.substring(0,2);
                var min = testing.substring(2,4);
                var hour1 = time/60;
                var min1 = time%60;
                var hour2 = parseInt(hour) + parseInt(hour1);
                if ((hour2.toString()).length != 2) {
                    hour2 = "0"+hour2.toString();
                }
                min2 = parseInt(min) + parseInt(min1);
                if (min2 >= 60) {
                    min2-=60;
                    hour2++;
                }
                if ((min2.toString()).length!=2) {
```

```

        min2 = min2.toString() + "0";
    }
    var value = hour2.toString() + min2.toString();
    cells[c].setAttribute("data-endtime",value);
    var i = c + 1;
    if (cells[i] != null) {
        cells[i].setAttribute("data-time",value);
    }
}
else{
    var testing = cell.getAttribute("data-time");
    var time = parseInt(testing);
    var hour = testing.substring(0,2);
    var min = testing.substring(2,4);
    var min1 = parseInt(min)+30;
    if (min1 >= 60) {
        min1 -=60;
        hour++;
    }
    if (min1 == "0") {
        min1 ="00";
    }
    if ((hour.toString()).length!=2) {
        hour = "0"+hour.toString();
    }
    var value = hour.toString() + min1.toString();
    cells[c].setAttribute("data-endtime",value);
    var i = c + 1;
    if (cells[i] != null) {
        cells[i].setAttribute("data-time",value);
    }
}
}

function getTimetable(){
    var table = document.getElementById('timetable');
    var rows = table.rows;
    var cells;
    var cell;
    var weekday = document.getElementById('Weekdays');
    var day = weekday.getAttribute("data-weekdays");

    for (var r = 1; r < rows.length ; r++){
        cells = rows[r].cells;
        for (var c= 5; c < cells.length; c++) {

```

```

        cell = cells[c];
        var starttime = cells[c].getAttribute("data-time");
        var endtime = cells[c].getAttribute("data-endtime");
        var classes = rows[r].id;

        getreturn(table,rows[r],cell,classes,starttime,day);

    }
}

function getreturn(Table,Row,Cell,Classes,Starttime,Weekday){
    var    table = Table;
    var    row = Row;
    var cell = Cell;
    var classes = Classes;
    var starttime = Starttime;
    var weekday = Weekday;
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    var currentDate = date.toISOString().slice(0,10);

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            if(this.responseText.trim() != 0){
                var tableArray = this.responseText.split(",");
                var subject = tableArray[0];
                var duration = tableArray[1]
                var Lecturer = tableArray[2];
                var classid = tableArray[4];
                var thisstarttime = tableArray[3];
                var course = tableArray[5];
                var hour = duration.substring(0,1);
                var min = duration.substring(7,10);
                hour = hour * 60;

                var colSpan1 = parseInt(hour) + parseInt(min);
                var colSpan = 0;
                while(colSpan1 >= 30){
                    colSpan1-=30;
                    colSpan++;
                }
                /////
                for (var c = 5; c <= row.cells.length-1; c++) {
                    if ( row.cells[c].getAttribute("data-time") != null) {

```

```

        var cellstarttime = row.cells[c].getAttribute("data-
time");
    }
    if (cellstarttime == thisstarttime) {
        cell = row.cells[c];
        cell.colSpan = colSpan;
        cell.style.backgroundColor = "yellow";
        cell.style.textAlign = "center";
        cell.innerHTML = "<div data-status='registered' id='"+
subject +" data-class = '"+classid+"' data-course = '"+course+"'>" + subject
+"<br>" +classid+ "<br>" +Lecturer+ "</div>";

        for (var i = 0; i <=colSpan-2; i++) {
            row.deleteCell(-1);
        }

        checktable();
        break;
    }
}

}

}

xhttp.open("GET","gettimetable.php?classroomID=" + classes + "&starttime=" + starttime +
"&weekday=" + weekday + "&date=" + currentDate, true);
xhttp.send();

}

function back(){
    var weekday = document.getElementById('Weekdays');
    var day = weekday.getAttribute("data-weekdays");
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    date = date.addDays(-1);
    var currentDate = date.toISOString().slice(0,10);
    picker.value = currentDate;

    if (day == "Monday") {
        weekday.setAttribute("data-weekdays", "Sunday");
        weekday.innerHTML = "Sunday";
    }else if (day == "Tuesday") {
        weekday.setAttribute("data-weekdays", "Monday");
        weekday.innerHTML = "Monday";
    }
}

```

```

}else if(day == "Wednesday") {
    weekday.setAttribute("data-weekdays","Tuesday");
    weekday.innerHTML = "Tuesday";
}else if(day == "Thursday"){
    weekday.setAttribute("data-weekdays","Wednesday");
    weekday.innerHTML = "Wednesday";
}else if(day == "Friday"){
    weekday.setAttribute("data-weekdays","Thursday");
    weekday.innerHTML = "Thursday";
}else if (day == "Saturday") {
    weekday.setAttribute("data-weekdays","Friday");
    weekday.innerHTML = "Friday";
}
else if (day == "Sunday") {
    weekday.setAttribute("data-weekdays","Saturday");
    weekday.innerHTML = "Saturday";
}
gettable();
}

function next(){
var weekday = document.getElementById('Weekdays');
var day = weekday.getAttribute("data-weekdays");
var picker = document.getElementById('picker');
var date = new Date(picker.value);
date = date.addDays(1);
var currentDate = date.toISOString().slice(0,10);
picker.value = currentDate;

if (day == "Monday") {
    weekday.setAttribute("data-weekdays","Tuesday");
    weekday.innerHTML = "Tuesday";
}else if (day == "Tuesday") {
    weekday.setAttribute("data-weekdays","Wednesday");
    weekday.innerHTML = "Wednesday";
}else if(day == "Wednesday") {
    weekday.setAttribute("data-weekdays","Thursday");
    weekday.innerHTML = "Thursday";
}else if(day == "Thursday"){
    weekday.setAttribute("data-weekdays","Friday");
    weekday.innerHTML = "Friday";
}else if(day == "Friday"){
    weekday.setAttribute("data-weekdays","Saturday");
    weekday.innerHTML = "Saturday";
}else if (day == "Saturday") {
    weekday.setAttribute("data-weekdays","Sunday");
    weekday.innerHTML = "Sunday";
}
}

```

```

        }
        else if (day == "Sunday") {
            weekday.setAttribute("data-weekdays","Monday");
            weekday.innerHTML = "Monday";
        }
        gettable();
    }

function getCurrentDate(){
    var picker = document.getElementById('picker');
    var date = new Date();
    var tzoffset = (new Date()).getTimezoneOffset() * 60000;
    var currentDate = (new Date(Date.now() - tzoffset)).toISOString().slice(0,10);
    picker.value = currentDate;

    var days = ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday",
    "Saturday"];

    var weekday = document.getElementById('Weekdays');
    weekday.setAttribute("data-weekdays",days[date.getDay()])
    weekday.innerHTML = days[date.getDay()];
}

function getChangeddate(){
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    var currentDate = date.toISOString().slice(0,10);
    picker.value = currentDate;

    var days = ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday",
    "Saturday"];

    var weekday = document.getElementById('Weekdays');
    weekday.setAttribute("data-weekdays",days[date.getDay()])
    weekday.innerHTML = days[date.getDay()];
    gettable();
}

Date.prototype.addDays = function(days) {
    var date = new Date(this.valueOf());
    date.setDate(date.getDate() + days);
    return date;
}

$(window).bind("pageshow", function() {
    window.onload = getCurrentDate();
}

```

});

window.onload = gettable();

### **6.1.5 Timetable for Intake**

#### **6.1.5.1 Timetableforintake.html**

```
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Page Title</title>

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
        crossorigin="anonymous">

    <!-- My Own CSS -->
    <link rel="stylesheet" type="text/css" href="timetableforcourse.css">
    <!-- My Own JavaScript -->

</head>
<body>
    <div class="Title" style="display: inline-block;">
        <h1 class="SystemName" style="float: left;">Classroom Timetable
        System</h1>

    </div>
    <div style="float: right; padding-right: 20px" id="loginStatus">
        <a href="login.html">Login</a>
    </div>

<!-- Navtop -->
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <a class="navbar-brand" href="homepage.html">HomePage</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>

        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav mr-auto" id="topnav">
                <li class="nav-item active">
                    <a class="nav-link" href="homepage.html">Home <span class="sr-only">(current)</span></a>
                </li>
            </ul>
        </div>
    </nav>
</body>
```

```

</li>
<li>
    <a class="nav-link" href="timetable.html">View Full Time Table</a>
</li>
</ul>
<form class="form-inline my-2 my-lg-0" id='searchform'>
    <input class="form-control mr-sm-2" type="search" placeholder="Search"
id="searchbar" aria-label="Search" list="allcourse">
    <datalist id="allcourse">

        </datalist>
    <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>
</form>
</div>
</nav>

<h1>Intake</h1>
<div id="intake" class="card-columns">

</div>

<!-- Optional JavaScript -->
<script type="text/javascript" src="timetableforintake.js"></script>
<script type="text/javascript" src="checkuser.js"></script>
<script type="text/javascript" src="searchbar.js"></script>
<script type="text/javascript">
    checkuser();
    window.onload = getintake();
</script>
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-UO2eT0CpHqdSjq6hJty5KVphPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIlly6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script></body>
</html>

```

### 6.1.5.2 Timetableforintake.js

```
var data = [];
var data1 = [];

function getCourseFromURL(){
    var queryString = decodeURIComponent(window.location.search);
    queryString = queryString.substring(1);
    var queries = queryString.split("&");

    for (var i = 0; i < queries.length; i++)
    {
        data[i] = queries[i].split("=");
    }

    for (var i = 0; i < data.length; i++)
    {
        var      text = data[i].toString();

        text = text.substring(text.indexOf(",") + 1);
        data1[i] = text;
    }
    return data1[0];
}

function getintake(){
    var intake = document.getElementById('intake');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function() {
        if (this.readyState == 4 && this.status == 200) {
            intake.innerHTML = this.responseText;
        }
    }

    xhttp.open("GET", "timetableforintake.php?course="+getCourseFromURL(), true);
    xhttp.send();
}
```

## 6.1.6 Timetable for Class

### 6.1.6.1 Timetableforclass.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Page Title</title>

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
        crossorigin="anonymous">

    <!-- My Own CSS -->
    <link rel="stylesheet" type="text/css" href="timetableforcourse.css">
    <!-- My Own JavaScript -->

</head>
<body>
    <div class="Title" style="display: inline-block;">
        <h1 class="SystemName" style="float: left;">Classroom Timetable
        System</h1>

    </div>
    <div style="float: right; padding-right: 20px" id="loginStatus">
        <a href="login.html">Login</a>
    </div>

<!-- Navtop -->
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <a class="navbar-brand" href="homepage.html">HomePage</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>

        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav mr-auto" id="topnav">
                <li class="nav-item active">
                    <a class="nav-link" href="homepage.html">Home <span class="sr-only">(current)</span></a>
                </li>
            </ul>
        </div>
    </nav>
</body>
```

```

</li>
<li>
    <a class="nav-link" href="timetable.html">View Full Time Table</a>
</li>
</ul>
<form class="form-inline my-2 my-lg-0" id='searchform'>
    <input class="form-control mr-sm-2" type="search" placeholder="Search"
id="searchbar" aria-label="Search" list="allcourse">
    <datalist id="allcourse">

        </datalist>
    <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>
</form>
</div>
</nav>

<h1>Class</h1>
<div id="class" class="card-columns">

</div>

<!-- Optional JavaScript -->
<script type="text/javascript" src="timetableforclass.js"></script>
<script type="text/javascript" src="checkuser.js"></script>
<script type="text/javascript" src="searchbar.js"></script>
<script type="text/javascript">
    checkuser();
    window.onload = classid();
</script>
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-UO2eT0CpHqdSjq6hJty5KVphPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIly6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script></body>
</html>

```

### 6.1.6.2 Timetableforclass.js

```
var data = [];
```

```

var data1 = [];

function getCourseFromURL(){
    var queryString = decodeURIComponent(window.location.search);
    queryString = queryString.substring(1);
    var queries = queryString.split("&");

    for (var i = 0; i < queries.length; i++)
    {
        data[i] = queries[i].split("=");
    }

    for (var i = 0; i < data.length; i++)
    {
        var      text = data[i].toString();

        text = text.substring(text.indexOf(",") + 1);
        data1[i] = text;
    }
}

function classid(){
    getCourseFromURL();

    var course = data1[0];
    var intake = data1[1];

    var classdiv = document.getElementById('class');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function() {
        if (this.readyState == 4 && this.status == 200) {
            classdiv.innerHTML = this.responseText;
        }
    }

    xhttp.open("GET", "timetableforclass.php?course="+course+"&intake="+intake,
true);
    xhttp.send();
}

```

#### **6.1.6.3 Timetableforcourse.css**

```

table{
    margin-left:auto;

```

```
    margin-right:auto;  
}
```

```
th,td{  
    width: 20%;  
}
```

## 6.1.7 Timetable for Specific Class

### 6.1.7.1 Timetableforsem.html

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
    <!-- Required meta tags -->  
    <meta charset="utf-8">  
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">  
    <title>Page Title</title>  
  
    <!-- Bootstrap CSS -->  
    <link rel="stylesheet"  
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"  
        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"  
        crossorigin="anonymous">  
  
    <!-- My Own CSS -->  
    <link rel="stylesheet" type="text/css" href="timetableforcourse.css">  
    <!-- My Own JavaScript -->  
  
</head>  
<body>  
    <div class="Title" style="display: inline-block;">  
        <h1 class="SystemName" style="float: left;">Classroom Timetable  
        System</h1>  
  
    </div>  
    <div style="float: right; padding-right: 20px" id="loginStatus">  
        <a href="login.html">Login</a>  
    </div>  
  
    <!-- Navtop -->  
        <nav class="navbar navbar-expand-lg navbar-light bg-light">  
            <a class="navbar-brand" href="homepage.html">HomePage</a>
```

```

<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
  <span class="navbar-toggler-icon"></span>
</button>

<div class="collapse navbar-collapse" id="navbarSupportedContent">
  <ul class="navbar-nav mr-auto" id="topnav">
    <li class="nav-item active">
      <a class="nav-link" href="homepage.html">Home <span class="sr-only">(current)</span></a>
    </li>
    <li>
      <a class="nav-link" href="timetable.html">View Full Time Table</a>
    </li>
  </ul>
  <form class="form-inline my-2 my-lg-0" id='searchform'>
    <input class="form-control mr-sm-2" type="search" placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
    <datalist id="allcourse">
      </datalist>
    <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>
  </form>
</div>
</nav>

<div id="sem">
</div>

<!-- Optional JavaScript -->
<script type="text/javascript" src="timetableforsem.js"></script>
<script type="text/javascript" src="checkuser.js"></script>
<script type="text/javascript" src="searchbar.js"></script>
<script type="text/javascript">
  checkuser();
  window.onload = getSem();
</script>
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-

```

```

UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous">></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUA YoIly6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script></body>
</html>
```

### 6.1.7.2 Timetableforsem.js

```

var data = [];
var data1 = [];

function getCourseFromURL(){
    var queryString = decodeURIComponent(window.location.search);
    queryString = queryString.substring(1);
    var queries = queryString.split("&");

    for (var i = 0; i < queries.length; i++)
    {
        data[i] = queries[i].split("=");
    }

    for (var i = 0; i < data.length; i++)
    {
        var      text = data[i].toString();

        text = text.substring(text.indexOf(",") + 1);
        data1[i] = text;
    }
}

function getSem(){
    getCourseFromURL();

    var course = data1[0];
    var intake = data1[1];
    var classid = data1[2];

    var semdiv = document.getElementById('sem');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function() {
        if (this.readyState == 4 && this.status == 200) {
```

```
        semdiv.innerHTML = this.responseText;
    }
}

 xhttp.open("GET",
"timetableforsem.php?course="+course+"&intake="+intake+"&classid="+classid, true);
 xhttp.send();
}
```

## 6.1.8 Register Subject

### 6.1.8.1 Registersubject.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Register Subejct</title>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
<script type="text/javascript" src="RegisterSubject.js"></script>
    <script type="text/javascript" src="checkuser.js"></script>
    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
crossorigin="anonymous">
</head>
<body>
    <div class="Title" style="display: inline-block;">
        <h1 class="SystemName" style="float: left;">Classroom Timetable
System</h1>

    </div>
    <div style="float: right;padding-right: 20px" id="loginStatus">
        <a href="login.html">Login</a>
    </div>

    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <a class="navbar-brand" href="homepage.html">HomePage</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>

        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav mr-auto" id="topnav">
                <li class="nav-item">
                    <a class="nav-link" href="homepage.html">Home</a>
                </li>
                <li>
                    <a class="nav-link active" href="timetable.html">View
Full Time Table<span class="sr-only">(current)</span></a>
                </li>
            </ul>
        </div>
    </nav>
</body>
```

```

        </li>
    </ul>
    <form class="form-inline my-2 my-lg-0"
id='searchform'>
        <input class="form-control mr-sm-2" type="search"
placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
        <datalist id="allcourse">

        </datalist>
        <button class="btn btn-outline-success my-2 my-sm-0"
type="submit">Search</button>
    </form>
</div>
</nav>

<h1>Register Subject</h1>

<table>
    <tr>
        <td>
            Couser : <select id="course" onchange="getSem()"></select>
        </td>
        <td>
            Semester : <select id="sem" onchange="gettable()"></select>
        </td>
        <td>
            Intake : <select id="intake" onchange="gettable()"></select>
        </td>
    </tr>
</table>

<div>
    <table class="table table-info" id="registertable">
        </table>
</div>

<div>
    <h1>Registered Subject</h1>
    <div>
        <table class="table table-success" id="registeredtable">
            </table>
    </div>
</div>

<!-- Optional JavaScript -->

```

```

<script type="text/javascript" src="searchbar.js"></script>
<script type="text/javascript">
    window.onload = checkuser();
    window.onload = getCourse();
    window.onload = getSem();
    window.onload = getIntake();
    window.onload = gettable();
    window.onload = getregisteredtable();
</script>
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-7s5dYB1zrQDlPZn9yJHGv0qjwHfZUkqfHd8F7tHJGZIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script></body>
</html>

```

#### **6.1.8.2 Registersubject.js**

```

function getCourse(){
    var course = document.getElementById('course');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            course.innerHTML = this.responseText;
            gettable();
            getSem();
            getregisteredtable();
        }
    }

    xhttp.open("GET", "getcourse.php", true);
    xhttp.send();
}

function getSem(){
    var sem = document.getElementById('sem');
    var course = document.getElementById('course').value;

    gettable();
}

```

```

var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function(){

    if(this.readyState == 4 && this.status == 200){
        sem.innerHTML = this.responseText;
        gettable();
        getregisteredtable();
    }
}

xhttp.open("GET", "getsem.php?course=" + course, true);
xhttp.send();
}

function getIntake(){
    var intake = document.getElementById('intake');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            intake.innerHTML = this.responseText;
            gettable();
            getregisteredtable();
        }
    }

    xhttp.open("GET", "intakeselection.php", true);
    xhttp.send();
}

function gettable(){

    var table = document.getElementById('registertable');
    var sem = document.getElementById('sem').value;
    var course = document.getElementById('course').value;
    var intake = document.getElementById('intake').value;

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            table.innerHTML = this.responseText;
            $('.choose').click(function () {
                $(this).closest('tr').find('td[name = "id"]').each(

```

```

        function () {
            chooseid = ($(this).text());
            insertTo(chooseid);
        });
    });
    getregisteredtable();
}

xhttp.open("GET", "registersubjecttable.php?sem=" + sem +
"&course=" + course + "&intake=" + intake, true);
xhttp.send();
}

function insertTo(chooseid){
    var intake = document.getElementById('intake').value;

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            alert(this.responseText);
            gettable();
            getregisteredtable();
        }
    }
}

xhttp.open("GET", "registersubject.php?id=" + chooseid + "&intake=" + intake, true);
xhttp.send();
}

function getregisteredtable(){
    var registeredtable = document.getElementById('registeredtable');
    var sem = document.getElementById('sem').value;
    var course = document.getElementById('course').value;
    var intake = document.getElementById('intake').value;

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            registeredtable.innerHTML = this.responseText;
            $('.drop').click(function () {
                $(this).closest('tr').find('td[name = "id"]').each(
                    function () {

```

```

        dropid = ($(this).text());
        tr = this.parentElement;
        classid = tr.children[5].innerHTML;
        drop(dropid,classid);
    });
}
}

xhttp.open("GET",
"registeredtable.php?sem="+sem+"&course="+course+"&intake=" + intake, true);
xhttp.send();
}

function drop(dropid,classid){
    var classid1 = classid.split("<br>");
    var myJSONText = JSON.stringify( classid1 );
$.ajax({
    type: "POST",
    url: "dropsubject.php",
    data: { class : myJSONText, id : dropid },
    dataType : 'text',
    success: function(text) {
        alert(text);
        gettable();
        getregisteredtable();
    }
});
}

```

### **6.1.9 Register Timetable Page**

#### **6.1.9.1 Registertimetable.html**

```
<!DOCTYPE html>

<html lang="en">
<head>

    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Register Timetable</title>

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
        crossorigin="anonymous">
    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
    <script type="text/javascript"
        src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
    <link rel="stylesheet" href="timetable.css">
    <link rel="stylesheet" href="registertimetable.css">
    <link rel="stylesheet" type="text/css" href="table.css">

</head>
<body>

    <!-- top nav -->
    <div class="Title" style="display: inline-block;">
        <h1 class="SystemName" style="float: left;">Classroom Timetable
        System</h1>
    </div>
    <div style="float: right;padding-right: 20px" id="loginStatus">
```

```

<a href="login.html">Login</a>
</div>

<nav class="navbar navbar-expand-lg navbar-light bg-light">
    <a class="navbar-brand" href="homepage.html">HomePage</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarSupportedContent">
        <ul class="navbar-nav mr-auto" id="topnav">
            <li class="nav-item">
                <a class="nav-link" href="homepage.html">Home</a>
            </li>
            <li>
                <a class="nav-link active" href="timetable.html">View Full Time Table<span class="sr-only" style="font-size: small;">(current)</span></a>
            </li>
        </ul>
        <form class="form-inline my-2 my-lg-0" id='searchform'>
            <input class="form-control mr-sm-2" type="search" placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
            <datalist id="allcourse">
                </datalist>
            <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>
        </form>
    </div>
</nav>
```

```

<div>
    <h1 style="display: inline;">Time Table</h1>
    <button id="left" style="margin-left: 14%;" onclick="back()"></button>
    <h1 id="Weekdays" data-weekdays="Monday" style="display: inline; margin-left: 10%;">Monday</h1>
    <input type="date" name="datepicker" id="picker"
    onchange="getChangeddate()">
    <button id="right" style="margin-left: 10%;" onclick="next()"></button>
</div>

<table id="timetable" style="font-size: 80%">

</table>
<br>
<br>
<button type="button" class="btn btn-info btn-lg|sm btn-block"
    onclick="insert()">Submit</button>

<h1>Drag and Drop selection</h1>
<div id="draganddrop">

</div>

<!-- Modal -->
<div class="modal fade" tabindex="-1" role="dialog" aria-labelledby="exampleModalCenterTitle" aria-hidden="true" id="thismodal">
    <div class="modal-dialog modal-dialog-centered" role="document">
        <div class="modal-content">
            <div class="modal-header">

```

```

        <h5 class="modal-title"
id="exampleModalLongTitle">Reminder</h5>

        <button type="button" class="close" data-
dismiss="modal" aria-label="Close">

            <span aria-hidden="true">&times;</span>

        </button>

    </div>

    <div class="modal-body">

        While you submit the course will start on the date that
you select and the following 13 weeek (total 14week).

        </div>

        <div class="modal-footer">

            <button type="button" class="btn btn-primary" data-
dismiss="modal">OK</button>

        </div>

    </div>

</div>

<!-- Optional JavaScript --&gt;

&lt;script type="text/javascript" src="registertimetable1.js"&gt;&lt;/script&gt;
&lt;script type="text/javascript" src="checkuser.js"&gt;&lt;/script&gt;
&lt;script type="text/javascript" src="searchbar.js"&gt;&lt;/script&gt;
&lt;script type="text/javascript"&gt;

    window.onload = getCurrentDate();

    window.onload = checkuser();

    window.onload = checkRight();

&lt;/script&gt;

<!-- jQuery first, then Popper.js, then Bootstrap JS --&gt;

&lt;script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abTE1Pi6jizo"
crossorigin="anonymous"&gt;&lt;/script&gt;
</pre>

```

```

<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIiy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script></body>

</html>

```

### **6.1.9.2    Registratimetbale1.js**

```

function getSelection(){
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            document.getElementById('draganddrop').innerHTML =
this.responseText;
        }
    }

    xhttp.open("GET","getDragAndDropSelection.php", true);
    xhttp.send();
}

function gettable(){
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            document.getElementById('timetable').innerHTML =
this.responseText;
            checktable();
            getTimetable();
        }
    }

    xhttp.open("GET","table.php", true);
    xhttp.send();
}

function allowDrop(ev) {
    ev.preventDefault();
}

```

```

var drag_td1;
var drag_tr;
var drag_colSpan;

function drag(ev) {
    ev.dataTransfer.setData("text", ev.target.id);
    var data = ev.dataTransfer.getData("text");
    drag_td1 = ev.target.parentElement;
    var tr1 = drag_td1.parentElement.id;
    drag_tr = document.getElementById(tr1);
    var myid = document.getElementById(data);
    var duration = document.getElementById(data).getAttribute("data-duration");
    drag_colSpan = 0;
    while(duration >= 30){
        duration -=30;
        drag_colSpan++;
    }
}

function resetColspan(drag_td1,drag_tr,drag_colSpan){//MouseOut
    td1 = drag_td1;
    tr = drag_tr;
    colSpan = drag_colSpan;
    if(td1 != null) {
        td1.colSpan = "1";
    }
    if(tr != null) {
        for (var i = 0; i <= tr.cells.length; i++) {
            if(tr.cells[i] == td1) {
                for (var l=i,c=0; c <=colSpan-2; i++,c++) {
                    tr.insertCell(l+1);
                    tr.cells[l+1].setAttribute("ondrop","drop(event)");
                    tr.cells[l+1].setAttribute("ondragover","allowDrop(event)");
                }
            }
        }
        removeMouseOut(tr);
    }
}

function removeMouseOut(tr){
    tr.removeEventListener("mouseout",resetColspan());
}

function drop(ev) {

```

```

var empty = 0;
if (ev.target.hasChildNodes()) {

}

else{
    ev.preventDefault();
    var data = ev.dataTransfer.getData("text");
    var myid = document.getElementById(data);
    var duration = document.getElementById(data).getAttribute("data-duration");
    var studentAmount = document.getElementById(data).getAttribute("data-
student");

    document.getElementById(data).style.width = "100%";
    var colSpan = 0;
    while(duration >= 30){
        duration -=30;
        colSpan++;
    }
    var countcolSpan = colSpan;
    var tr1 = ev.target.parentElement.id;
    var tr = document.getElementById(tr1);
    for (var i = 0; i <= tr.cells.length; i++) {
        if(tr.cells[i] == ev.target) {
            for (var j = i,k = 0; k < countcolSpan; j++,k++) {
                if (tr.cells[j].textContent.length != 0) {
                    var whatthis = tr.cells[j].firstElementChild;
                    if (tr.cells[j].firstElementChild == myid) {
                        countcolSpan = countcolSpan-
tr.cells[j].colSpan-2;
                    }else{
                        empty = 1;
                    }
                }
            }
        }
    }
    var count = tr.cells.length - ev.target.cellIndex - colSpan;
    if (count < 0 || empty == 1) {
        alert('not allow');
    }else{
        if (tr.cells[1].innerHTML < studentAmount) {
            alert("Warnning: this Class Capacity is not fill your course
student Amount("+studentAmount+"));
        }
        ev.target.colSpan = colSpan;

        if (drag_tr != null) {

```

```

        tr.addEventListener("mouseout",resetColspan(drag_td1,drag_tr,drag_colSpan));
    }

    for (var i = 0; i <= tr.cells.length; i++) {
        if(tr.cells[i] == ev.target) {
            for (var l=i,c=0; c <=colSpan-2; i++,c++) {
                tr.deleteCell(l+1);
            }
        }
    }

    checktable();

    ev.target.appendChild(myid);
}
checktable();
}
}

function checktable(){
    var table = document.getElementById('timetable');
    var rows = table.rows;
    var cells;
    var cell;

    for (var r = 1; r < rows.length ; r++){
        cells = rows[r].cells;
        for (var c= 5; c < cells.length; c++) {
            cell = cells[c];
            if(c == 5){
                cell.setAttribute("data-time","0830");
            }
            if (cell.colSpan != '1') {
                var time = cell.colSpan * 30;
                var testing = cell.getAttribute("data-time");
                var hour = testing.substring(0,2);
                var min = testing.substring(2,4);
                var hour1 = time/60;
                var min1 = time%60;
                var hour2 = parseInt(hour) + parseInt(hour1);
                if ((hour2.toString()).length != 2) {
                    hour2 = "0"+hour2.toString();
                }
            }
        }
    }
}

```

```

        min2 = parseInt(min) + parseInt(min1);
        if (min2 >= 60) {
            min2-=60;
            hour2++;
        }
        if ((min2.toString().length!=2) {
            min2 = min2.toString() + "0";
        }
        var value = hour2.toString() + min2.toString();
        cells[c].setAttribute("data-endtime",value);
        var i = c + 1;
        if (cells[i] != null) {
            cells[i].setAttribute("data-time",value);
        }
    }
    else{
        var testing = cell.getAttribute("data-time");
        var time = parseInt(testing);
        var hour = testing.substring(0,2);
        var min = testing.substring(2,4);
        var min1 = parseInt(min)+30;
        if (min1 >= 60) {
            min1 -=60;
            hour++;
        }
        if (min1 == "0") {
            min1 ="00";
        }
        if ((hour.toString().length!=2) {
            hour = "0"+hour.toString();
        }
        var value = hour.toString() + min1.toString();
        cells[c].setAttribute("data-endtime",value);
        var i = c + 1;
        if (cells[i] != null) {
            cells[i].setAttribute("data-time",value);
        }
    }
}
}

function insert(){

var table = document.getElementById('timetable');
var rows = table.rows;

```

```

var cells;
var cell;
var weekday = document.getElementById('Weekdays');
var day = weekday.getAttribute("data-weekdays");
var picker = document.getElementById('picker');
var date = new Date(picker.value);
var currentDate = date.toISOString().slice(0,10);

for (var r = 1; r < rows.length ; r++){
    cells = rows[r].cells;
    for (var c= 5; c < cells.length; c++) {
        if (cells[c].innerHTML.length > 0) {
            cell = cells[c];
            var starttime = cells[c].getAttribute("data-time");
            var endtime = cells[c].getAttribute("data-endtime");
            var classes = rows[r].id;
            var time = cells[c].colSpan * 30;
            var div = cell.children;
            var thisdata = div[0];
            var subject = thisdata.getAttribute('data-subject');
            var classid = thisdata.getAttribute('data-class');
            var course = thisdata.getAttribute('data-course');
            var duration1 = time;
            var hour = 0;

            while(time >= 60){
                time -= 60;
                hour++;
            }

            var status = thisdata.getAttribute('data-status');

            if (status != 'registered') {
                var duration = hour + " hours " + time + " mins";
            }

            var xhttp = new XMLHttpRequest();

            xhttp.onreadystatechange = function(){
                if(this.readyState == 4 && this.status == 200){
                    alert(this.responseText);
                    gettable();
                    getSelection();
                }
            }
        }
    }
}

xhttp.open("GET","inserttimetable1.php?classroomID=" + classes + "&starttime=" +

```

```

starttime + "&endtime=" + endtime + "&duration=" + duration + "&course=" + course +
"&weekday=" + day + "&date=" + currentDate + "&class=" + classid + "&subject=" + subject +
"&duration1=" + duration1, true);
xhttp.send();
}

}

}

}

}

function getTimetable(){
var table = document.getElementById('timetable');
var rows = table.rows;
var cells;
var cell;
var weekday = document.getElementById('Weekdays');
var day = weekday.getAttribute("data-weekdays");

for (var r = 1; r < rows.length ; r++){
cells = rows[r].cells;
for (var c= 5; c < cells.length-1; c++) {
cell = cells[c];
var starttime = cells[c].getAttribute("data-time");
var endtime = cells[c].getAttribute("data-endtime");
var classes = rows[r].id;

getreturn(table,rows[r],cell,classes,starttime,day);
// getReplaceclass(table,rows[r],cell,classes,starttime,day);

}
}

}

function getreturn(Table,Row,Cell,Classes,Starttime,Weekday){
var table = Table;
var row = Row;
var cell = Cell;
var classes = Classes;
var starttime = Starttime;
var weekday = Weekday;
var picker = document.getElementById('picker');
var date = new Date(picker.value);
var currentDate = date.toISOString().slice(0,10);

var xhttp = new XMLHttpRequest();

```

```

xhttp.onreadystatechange = function(){
    if(this.readyState == 4 && this.status == 200){
        if(this.responseText.trim() != 0){
            var tableArray = this.responseText.split(",");
            var subject = tableArray[0];
            var duration = tableArray[1];
            var Lecturer = tableArray[2];
            var classid = tableArray[4];
            var thisstarttime = tableArray[3];
            var course = tableArray[5];
            var hour = duration.substring(0,1);
            var min = duration.substring(7,10);
            hour = hour * 60;

            var colSpan1 = parseInt(hour) + parseInt(min);
            var colSpan = 0;
            while(colSpan1 >= 30){
                colSpan1-=30;
                colSpan++;
            }
            /////
            for (var c = 5; c <= row.cells.length-1; c++) {
                if ( row.cells[c].getAttribute("data-time") != null) {
                    var cellstarttime = row.cells[c].getAttribute("data-
time");
                }
                if (cellstarttime == thisstarttime) {
                    cell = row.cells[c];
                    cell.colSpan = colSpan;
                    cell.style.backgroundColor = "yellow";
                    cell.style.textAlign = "center";
                    cell.innerHTML = "<div data-status='registered' id='"+
subject +" data-class = '"+classid+"' data-course = '"+course+">" + subject
+"<br>"+classid+"<br>"+Lecturer+"</div>";

                    for (var i = 0; i <=colSpan-2; i++) {
                        row.deleteCell(-1);
                    }

                    checkable();
                    break;
                }
            }
        }
    }
}

```

```

}

 xhttp.open("GET","gettimetable.php?classroomID=" + classes + "&starttime=" + starttime +
 "&weekday=" + weekday + "&date=" + currentDate, true);
 xhttp.send();

}

function back(){
    var weekday = document.getElementById('Weekdays');
    var day = weekday.getAttribute("data-weekdays");
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    date = date.addDays(-1);
    var currentDate = date.toISOString().slice(0,10);
    picker.value = currentDate;

    if (day == "Monday") {
        weekday.setAttribute("data-weekdays","Sunday");
        weekday.innerHTML = "Sunday";
    }else if (day == "Tuesday") {
        weekday.setAttribute("data-weekdays","Monday");
        weekday.innerHTML = "Monday";
    }else if(day == "Wednesday") {
        weekday.setAttribute("data-weekdays","Tuesday");
        weekday.innerHTML = "Tuesday";
    }else if(day == "Thursday"){
        weekday.setAttribute("data-weekdays","Wednesday");
        weekday.innerHTML = "Wednesday";
    }else if(day == "Friday"){
        weekday.setAttribute("data-weekdays","Thursday");
        weekday.innerHTML = "Thursday";
    }else if (day == "Saturday") {
        weekday.setAttribute("data-weekdays","Friday");
        weekday.innerHTML = "Friday";
    }
    else if (day == "Sunday") {
        weekday.setAttribute("data-weekdays","Saturday");
        weekday.innerHTML = "Saturday";
    }
    gettable();
    getSelection();
}

function next(){
    var weekday = document.getElementById('Weekdays');
    var day = weekday.getAttribute("data-weekdays");
    var picker = document.getElementById('picker');

```

```

var date = new Date(picker.value);
date = date.addDays(1);
var currentDate = date.toISOString().slice(0,10);
picker.value = currentDate;

if (day == "Monday") {
    weekday.setAttribute("data-weekdays","Tuesday");
    weekday.innerHTML = "Tuesday";
}else if (day == "Tuesday") {
    weekday.setAttribute("data-weekdays","Wednesday");
    weekday.innerHTML = "Wednesday";
}else if(day == "Wednesday") {
    weekday.setAttribute("data-weekdays","Thursday");
    weekday.innerHTML = "Thursday";
}else if(day == "Thursday"){
    weekday.setAttribute("data-weekdays","Friday");
    weekday.innerHTML = "Friday";
}else if(day == "Friday"){
    weekday.setAttribute("data-weekdays","Saturday");
    weekday.innerHTML = "Saturday";
}else if (day == "Saturday") {
    weekday.setAttribute("data-weekdays","Sunday");
    weekday.innerHTML = "Sunday";
}
else if (day == "Sunday") {
    weekday.setAttribute("data-weekdays","Monday");
    weekday.innerHTML = "Monday";
}
gettable();
getSelection();
}

function getCurrentDate(){
    var picker = document.getElementById('picker');
    var date = new Date();
    var tzoffset = (new Date()).getTimezoneOffset() * 60000;
    var currentDate = (new Date(Date.now() - tzoffset)).toISOString().slice(0,10);
    picker.value = currentDate;

    var days = ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday",
    "Saturday"];

    var weekday = document.getElementById('Weekdays');
    weekday.setAttribute("data-weekdays",days[date.getDay()])
    weekday.innerHTML = days[date.getDay()];
}

```

```

function getChangeddate(){
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    var currentDate = date.toISOString().slice(0,10);
    picker.value = currentDate;

    var days = ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday",
    "Saturday"];

    var weekday = document.getElementById('Weekdays');
    weekday.setAttribute("data-weekdays",days[date.getDay()])
    weekday.innerHTML = days[date.getDay()];
    gettable();
    getSelection();
}

Date.prototype.addDays = function(days) {
    var date = new Date(this.valueOf());
    date.setDate(date.getDate() + days);
    return date;
}

$(window).bind("pageshow", function() {
    window.onload = getCurrentDate();
});

window.onload = gettable();
window.onload = getSelection();

$(window).on('load',function(){
    $('#thismodal').modal('show');
});

```

### **6.1.9.3 Table.css**

```

.jumbotron{
    padding: 0;
}

```

### **6.1.10 Cancel Class Page**

#### **6.1.10.1 Cancelclass.html**

```

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

```

```

<!-- Required meta tags -->
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
<title>Cancel Class</title>

<!-- Bootstrap CSS -->
<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
crossorigin="anonymous">
<link rel="stylesheet" href="timetable.css">
<link rel="stylesheet" href="registertimetable.css">
<link
href="https://fonts.googleapis.com/css?family=Roboto:300,300i,400,400i,500,500i,700,700i"
rel="stylesheet">
<link href="https://fonts.googleapis.com/icon?family=Material+Icons"
rel="stylesheet">
<link rel="stylesheet" type="text/css"
href="https://daemonite.github.io/material/css/material.min.css">
<script type="text/javascript"
src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
<script type="text/javascript" src="cancelclass.js"></script>
<link rel="stylesheet" type="text/css" href="table.css">
<script type="text/javascript" src="checkuser.js"></script>
</head>
<body>
<div class="Title" style="display: inline-block;">
    <h1 class="SystemName" style="float: left;">Classroom Timetable
System</h1>

</div>
<div style="float: right; padding-right: 20px" id="loginStatus">
    <a href="login.html">Login</a>
</div>

<nav class="navbar navbar-expand-lg navbar-light bg-light">
    <a class="navbar-brand" href="homepage.html">HomePage</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarSupportedContent">
        <ul class="navbar-nav mr-auto" id="topnav">

```

```

<li class="nav-item">
    <a class="nav-link" href="homepage.html">Home</a>
</li>
<li>
    <a class="nav-link active" href="timetable.html">View
Full Time Table<span class="sr-only">(current)</span></a>
</li>
</ul>
<form class="form-inline my-2 my-lg-0" id='searchform'>
    <input class="form-control mr-sm-2" type="search"
placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
    <datalist id="allcourse">

    </datalist>
    <button class="btn btn-outline-success my-2 my-sm-0"
type="submit">Search</button>
</form>
</div>
</nav>

<div>
    <h2 style="display: inline;">Request Cancel</h2>
    <button id="left" style="margin-left: 14%;" onclick="back()"><</button>
    <h1 id="Weekdays" data-weekdays="Monday" style="display: inline; margin-left: 10%;">Monday</h1>
    <input type="date" name="datepicker" id="picker"
onchange="getChangeddate()">
    <button id="right" style="margin-left: 10%;" onclick="next()">></button>
</div>

<table id="timetable" style="font-size: 80% " >

</table>

<!-- Optional JavaScript -->
<script type="text/javascript" src="searchbar.js"></script>
<script type="text/javascript">
    window.onload = getCurrentDate();
    window.onload = checkuser();
    window.onload = checkRight()
</script>
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>

```

```

<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIly6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script></body>
</html>

```

### 6.1.10.2 Cancelclass.js

```

function gettable(){
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            document.getElementById('timetable').innerHTML =
this.responseText;
            checktable();
            getTimetable();
        }
    }
    xhttp.open("GET","table.php", true);
    xhttp.send();
}

function checktable(){
    var table = document.getElementById('timetable');
    var rows = table.rows;
    var cells;
    var cell;
    var weekday = document.getElementById('Weekdays');
    var day = weekday.getAttribute("data-weekdays");

    for (var r = 1; r < rows.length ; r++){
        cells = rows[r].cells;
        for (var c= 5; c < cells.length; c++) {
            var classes = rows[r].id;
            var starttime = cells[c].getAttribute("data-time");
            var endtime = cells[c].getAttribute("data-endtime");
            cell = cells[c];
            if(c == 5){
                cell.setAttribute("data-time","0830");
            }
            if (cell.colSpan != '1') {

```

```

var time = cell.colSpan * 30;
var testing = cell.getAttribute("data-time");
var hour = testing.substring(0,2);
var min = testing.substring(2,4);
var hour1 = time/60;
var min1 = time%60;
var hour2 = parseInt(hour) + parseInt(hour1);
if ((hour2.toString()).length != 2) {
    hour2 = "0"+hour2.toString();
}
min2 = parseInt(min) + parseInt(min1);
if (min2 >= 60) {
    min2-=60;
    hour2++;
}
if ((min2.toString()).length!=2) {
    min2 = min2.toString() + "0";
}
var value = hour2.toString() + min2.toString();
cells[c].setAttribute("data-endtime",value);
var i = c + 1;
if (cells[i] != null) {
    cells[i].setAttribute("data-time",value);
}
}
else{
var testing = cell.getAttribute("data-time");
var time = parseInt(testing);
var hour = testing.substring(0,2);
var min = testing.substring(2,4);
var min1 = parseInt(min)+30;
if (min1 >= 60) {
    min1 -=60;
    hour++;
}
if (min1 == "0") {
    min1 ="00";
}
if ((hour.toString()).length!=2) {
    hour = "0"+hour.toString();
}
var value = hour.toString() + min1.toString();
cells[c].setAttribute("data-endtime",value);
var i = c + 1;
if (cells[i] != null) {
    cells[i].setAttribute("data-time",value);
}
}

```

```

        }
    }
}

rightclick();
}

function getTimetable(){
    var table = document.getElementById('timetable');
    var rows = table.rows;
    var cells;
    var cell;
    var weekday = document.getElementById('Weekdays');
    var day = weekday.getAttribute("data-weekdays");

    for (var r = 1; r < rows.length ; r++){
        cells = rows[r].cells;
        for (var c= 5; c < cells.length; c++) {
            cell = cells[c];
            var starttime = cells[c].getAttribute("data-time");
            var endtime = cells[c].getAttribute("data-endtime");
            var classes = rows[r].id;

            getreturn(table,rows[r],cell,classes,starttime,day);
            // getReplaceclass(table,rows[r],cell,classes,starttime,day);

        }
    }
}

function getreturn(Table,Row,Cell,Classes,Starttime,Weekday){
    var table = Table;
    var row = Row;
    var cell = Cell;
    var classes = Classes;
    var starttime = Starttime;
    var weekday = Weekday;
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    var currentDate = date.toISOString().slice(0,10);

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            if(this.responseText.trim() != 0){
                var tableArray = this.responseText.split(",");
                var subject = tableArray[0];

```

```

        var duration = tableArray[1]
        var Lecturer = tableArray[2];
        var classid = tableArray[4];
        var thisstarttime = tableArray[3];
        var course = tableArray[5];
        var hour = duration.substring(0,1);
        var min = duration.substring(7,10);
        hour = hour * 60;

        var colSpan1 = parseInt(hour) + parseInt(min);
        var colSpan = 0;
        while(colSpan1 >= 30){
            colSpan1-=30;
            colSpan++;
        }
/////
for (var c = 5; c <= row.cells.length-1; c++) {
    if ( row.cells[c].getAttribute("data-time") != null) {
        var cellstarttime = row.cells[c].getAttribute("data-time");
    }
    if (cellstarttime == thisstarttime) {
        cell = row.cells[c];
        cell.colSpan = colSpan;
        cell.style.backgroundColor = "yellow";
        cell.style.textAlign = "center";
        if (subject.includes('Replacement') || subject.includes('New')) {

            }else{
                cell.classList.add('jumbotron');
            }
        cell.innerHTML = "<div id='"+ subject +"'" data-
class="" + classid +"" data-course="" + course +"">" + subject
+ "<br>" + classid + "<br>" + Lecturer + "</div>";

        for (var i = 0; i <=colSpan-2; i++) {
            row.deleteCell(-1);
        }
        checktable();
        break;
    }
}

// getCancelClass(table,row,cell,classes,starttime,weekday);
}
}
}

```

```

 xhttp.open("GET","gettimetetable.php?classroomID=" + classes + "&starttime=" + starttime +
 "&weekday=" + weekday + "&date=" + currentDate, true);
 xhttp.send();

}

function back(){
    var weekday = document.getElementById('Weekdays');
    var day = weekday.getAttribute("data-weekdays");
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    date = date.addDays(-1);
    var currentDate = date.toISOString().slice(0,10);
    picker.value = currentDate;

    if (day == "Monday") {
        weekday.setAttribute("data-weekdays","Sunday");
        weekday.innerHTML = "Sunday";
    }else if (day == "Tuesday") {
        weekday.setAttribute("data-weekdays","Monday");
        weekday.innerHTML = "Monday";
    }else if(day == "Wednesday") {
        weekday.setAttribute("data-weekdays","Tuesday");
        weekday.innerHTML = "Tuesday";
    }else if(day == "Thursday"){
        weekday.setAttribute("data-weekdays","Wednesday");
        weekday.innerHTML = "Wednesday";
    }else if(day == "Friday"){
        weekday.setAttribute("data-weekdays","Thursday");
        weekday.innerHTML = "Thursday";
    }else if (day == "Saturday") {
        weekday.setAttribute("data-weekdays","Friday");
        weekday.innerHTML = "Friday";
    }
    else if (day == "Sunday") {
        weekday.setAttribute("data-weekdays","Saturday");
        weekday.innerHTML = "Saturday";
    }
    gettable();
}

function next(){
    var weekday = document.getElementById('Weekdays');
    var day = weekday.getAttribute("data-weekdays");
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    date = date.addDays(1);
}

```

```

var currentDate = date.toISOString().slice(0,10);
picker.value = currentDate;

if (day == "Monday") {
    weekday.setAttribute("data-weekdays","Tuesday");
    weekday.innerHTML = "Tuesday";
} else if (day == "Tuesday") {
    weekday.setAttribute("data-weekdays","Wednesday");
    weekday.innerHTML = "Wednesday";
} else if(day == "Wednesday") {
    weekday.setAttribute("data-weekdays","Thursday");
    weekday.innerHTML = "Thursday";
} else if(day == "Thursday"){
    weekday.setAttribute("data-weekdays","Friday");
    weekday.innerHTML = "Friday";
} else if(day == "Friday"){
    weekday.setAttribute("data-weekdays","Saturday");
    weekday.innerHTML = "Saturday";
} else if (day == "Saturday") {
    weekday.setAttribute("data-weekdays","Sunday");
    weekday.innerHTML = "Sunday";
}
else if (day == "Sunday") {
    weekday.setAttribute("data-weekdays","Monday");
    weekday.innerHTML = "Monday";
}
gettable();
}

function getCurrentDate(){
    var picker = document.getElementById('picker');
    var date = new Date();
    var tzoffset = (new Date()).getTimezoneOffset() * 60000;
    var currentDate = (new Date(Date.now() - tzoffset)).toISOString().slice(0,10);
    picker.value = currentDate;

    var days = ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday",
    "Saturday"];

    var weekday = document.getElementById('Weekdays');
    weekday.setAttribute("data-weekdays",days[date.getDay()])
    weekday.innerHTML = days[date.getDay()];
}

function getChangeddate(){
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);

```

```

var currentDate = date.toISOString().slice(0,10);
picker.value = currentDate;

var days = ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday",
"Saturday"];

var weekday = document.getElementById('Weekdays');
weekday.setAttribute("data-weekdays",days[date.getDay()])
weekday.innerHTML = days[date.getDay()];
gettable();
}

Date.prototype.addDays = function(days) {
    var date = new Date(this.valueOf());
    date.setDate(date.getDate() + days);
    return date;
}

function rightclick(ev){

    $('.jumbotron').on('contextmenu', function(e) {
        var element = e.target;
        if (element.tagName == "DIV") {
            element = element.parentElement;
        }
        var classes = element.parentElement.id;
        var starttime = element.getAttribute('data-time');
        var endtime = element.getAttribute('data-endtime');
        var duration1 = element.colSpan;
        var duration = duration1 * 30;
        var thisclass = element.children[0];
        var subject = thisclass.id;
        var classid = thisclass.getAttribute('data-class');
        var course = thisclass.getAttribute('data-course')
        createelement(classes,subject,starttime,endtime,duration,classid,course);
        var top = e.pageY ;
        var left = e.pageX ;
        $("#context-menu").css({
            display: "block",
            top: top,
            left: left
        }).addClass("show");
        return false; //blocks default Webbrowser right click menu
    })
}

$('body').on("click", function(event) {
    $("#context-menu").removeClass("show").hide();
}

```

```

});

$("#context-menu a").on("click", function() {
    $(this).parent().removeClass("show").hide();
});
}

function createelement(Classes,subject,Starttime,Endtime,Duration,classid,course){
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    var currentDate = date.toISOString().slice(0,10);
    var weekday = document.getElementById('Weekdays');
    var day = weekday.getAttribute("data-weekdays");
    var classes = Classes;
    var starttime = Starttime;
    var endtime = Endtime;
    var subejct = subject;
    var duration = Duration;
    var classid = classid;
    var course = course;

    var jumbotron = document.createElement('DIV');
    jumbotron.innerHTML = "<div class='dropdown-menu dropdown-menu-sm' id='context-menu'>" +
        "<a class='dropdown-item' id='link' href='requestcancelclass.html?class=" + classes +
        "&subject=" + subject + "&starttime=" + starttime + "&endtime=" + endtime + "&day=" + day +
        "&date=" + currentDate +
        "&duration=" + duration + "&classid=" + classid + "&course=" + course + ">Request Cancel This Class</a>" +
        "</div>";
    document.body.appendChild(jumbotron);
}

$(window).bind("pageshow", function() {
    window.onload = getCurrentDate();
});

window.onload = gettable();

```

## 6.1.11 Request Cancel Class Page

### 6.1.11.1 Requestcancelclass.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Request Cancel Class</title>

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
        crossorigin="anonymous">
        <script type="text/javascript" src="requestcancelclass.js"></script>
        <script type="text/javascript" src="checkuser.js"></script>
</head>
<body>
    <div class="Title" style="display: inline-block;">
        <h1 class="SystemName" style="float: left;">Classroom Timetable
    System</h1>

    </div>
    <div style="float: right; padding-right: 20px" id="loginStatus">
        <a href="login.html">Login</a>
    </div>

    <!-- Navtop -->
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <a class="navbar-brand" href="homepage.html">HomePage</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>

        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav mr-auto" id="topnav">
                <li class="nav-item active">
                    <a class="nav-link" href="homepage.html">Home
<span class="sr-only" style="font-size: small;">(current)</span></a>
                </li>
                <li>
```

```

        <a class="nav-link" href="timetable.html">View Full
Time Table</a>
            </li>
        </ul>
        <form class="form-inline my-2 my-lg-0" id='searchform'>
            <input class="form-control mr-sm-2" type="search"
placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
            <datalist id="allcourse">

                </datalist>
            <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>
        </form>
    </div>
</nav>

```

## <h1>Request Cancel Class</h1>

```

<table>
    <tr>
        <td>
            Class Room ID:
        </td>
        <td id="classroomID">

        </td>
    </tr>
    <tr>
        <td>Course:</td>
        <td id="course"></td>
    </tr>
    <tr>
        <td>
            Subject ID:
        </td>
        <td id="Subject">

        </td>
    </tr>
    <tr>
        <td>Class ID</td>
        <td id="classid"></td>
    </tr>
    <tr>
        <td>
            Class Time:
        </td>

```

```

</td>
<td id="classtime">

</td>
</tr>
<tr>
<td>
    Date:
</td>
<td id="date">

</td>
</tr>
<tr>
<td>
    Reason:
</td>
<td>
    <input type="text" name="reason" id="reason" style="width:
500px" required>
</td>
</tr>
<tr>
<td>
    Detail:
</td>
<td>
    <textarea id='detail' style="resize:none;width: 500px;height:
250px"></textarea>
</td>
</tr>
</table>

<button onclick="send()">Submit Request</button>

<!-- Optional JavaScript -->
<script type="text/javascript" src="searchbar.js"></script>
<script type="text/javascript">
    window.onload = getdata();
    window.onload = checkuser();
    window.onload = checkRight();
</script>
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-
q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>

```

```

<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIlY6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script></body>
</html>

6.1.11.2 Requestcancelclass.js

var data = [];
var data1 = [];

function getdata(){
var queryString = decodeURIComponent(window.location.search);
queryString = queryString.substring(1);
var queries = queryString.split("&");

for (var i = 0; i < queries.length; i++)
{
    data[i] = queries[i].split("=");
}

for (var i = 0; i < data.length; i++)
{
    var      text = data[i].toString();

    text = text.substring(text.indexOf(",") + 1);
    data1[i] = text;
}

document.getElementById('classroomID').innerHTML = data1[0];
document.getElementById('Subject').innerHTML = data1[1];
document.getElementById('classtime').innerHTML = data1[2] + " - " + data1[3];
document.getElementById('date').innerHTML = data1[5] + "(" + data1[4] + ")";
document.getElementById('classid').innerHTML = data1[7];
document.getElementById('course').innerHTML = data1[8];
}

function send(){
var      classroomID = data1[0];
var subject = data1[1];
var starttime = data1[2];
var endtime = data1[3];
var weekday = data1[4];
}

```

```

var      date = data1[5];
var duration1 = data1[6];
var classid = data1[7];
var course = data1[8];
var hours = (duration1 / 60);
var rhours = Math.floor(hours);
var minutes = (hours - rhours) * 60;
var rminutes = Math.round(minutes);
var duration = rhours + " hours " + rminutes + " mins";

var reason = document.getElementById('reason').value;
var detail = document.getElementById('detail').value;
if (reason.trim().length == 0) {
    alert('Please Insert Reason');
}
else{
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            alert(this.responseText);
            window.location = "cancelclass.html";
        }
    }

    xhttp.open("GET","requestcancelclass.php?classroomID=" + classroomID +
    "&subject=" + subject + "&starttime=" + starttime + "&endtime=" + endtime + "&reason=" +
    reason + "&weekday=" + weekday + "&detail=" + detail + "&date=" + date + "&duration=" +
    duration + "&duration1=" + duration1+"&classid=" + classid + "&course=" + course, true);
    xhttp.send();
}
}

```

## 6.1.12 Replace Class Page

### 6.1.12.1 Replaceclass.html

```
<!DOCTYPE html>
<html lang="en">
    <head>
        <!-- Required meta tags -->
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">
        <title>Replace Class</title>

        <!-- Bootstrap CSS -->
        <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
integrity="sha384-
ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
crossorigin="anonymous">
            <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
        <script type="text/javascript"
src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
        <link rel="stylesheet" href="timetable.css">
        <link rel="stylesheet" href="registertimetable.css">
        <script type="text/javascript" src="replaceclass.js"></script>
        <script type="text/javascript" src="checkuser.js"></script>
    </head>
    <body>
<!-- top nav -->
<div class="Title" style="display: inline-block;">
    <h1 class="SystemName" style="float: left;">Classroom Timetable
System</h1>

    </div>
    <div style="float: right; padding-right: 20px" id="loginStatus">
        <a href="login.html">Login</a>
    </div>

        <nav class="navbar navbar-expand-lg navbar-light bg-light">
<a class="navbar-brand" href="homepage.html">HomePage</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>

<div class="collapse navbar-collapse" id="navbarSupportedContent">
    <ul class="navbar-nav mr-auto" id="topnav">
        <li class="nav-item">
```

```

<a class="nav-link" href="homepage.html">Home</a>
</li>
<li>
    <a class="nav-link active" href="timetable.html">View Full Time Table<span
class="sr-only">(current)</span></a>
</li>
</ul>
<form class="form-inline my-2 my-lg-0" id='searchform'>
    <input class="form-control mr-sm-2" type="search"
placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
        <datalist id="allcourse">

    </datalist>
    <button class="btn btn-outline-success my-2 my-sm-0"
type="submit">Search</button>
</form>
</div>
</nav>

<div>
    <h1 style="display: inline;">Time Table</h1>
    <button id="left" style="margin-left: 14%;" onclick="back()"><</button>
    <h1 id="Weekdays" data-weekdays="Monday" style="display: inline; margin-
left: 10%;">Monday</h1>
    <input type="date" name="datepicker" id="picker"
onchange="getChangeddate()">
        <button id="right" style="margin-left: 10%;" onclick="next()">></button>
</div>

<table id="timetable" style="font-size: 80%" >
</table>

<h1>Drag and Drop selection</h1>
<div id="draganddrop">
</div>

<button onclick="insert()"> Submit </button>

    <!-- Optional JavaScript -->
    <script type="text/javascript" src="searchbar.js"></script>
    <script type="text/javascript">
window.onload = getCurrentDate();

```

```

        window.onload = checkuser();
window.onload = checkRight();
</script>
        <!-- jQuery first, then Popper.js, then Bootstrap JS -->
        <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"
integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
        <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
        <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIlly6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script></body>
</html>

```

#### **6.1.12.2 Replaceclass.js**

```

function getSelection(){
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            document.getElementById('draganddrop').innerHTML =
this.responseText;
        }
    }

    xhttp.open("GET","getSelectionDndReplace.php", true);
    xhttp.send();
}

function gettable(){
    var xhttp = new XMLHttpRequest();

```

```

 xhttp.onreadystatechange = function(){
    if(this.readyState == 4 && this.status == 200){
        document.getElementById('timetable').innerHTML =
this.responseText;
        checktable();
        getTimetable();
    }
}

 xhttp.open("GET","table.php", true);
 xhttp.send();
}

```

```

function checktable(){

    var table = document.getElementById('timetable');

    var rows = table.rows;

    var cells;

    var cell;

    for (var r = 1; r < rows.length ; r++){

        cells = rows[r].cells;

        for (var c= 5; c < cells.length; c++) {

            cell = cells[c];

            if(c == 5){

                cell.setAttribute("data-time","0830");

            }

            if (cell.colSpan != '1') {

                var time = cell.colSpan * 30;

                var testing = cell.getAttribute("data-time");

                var hour = testing.substring(0,2);

                var min = testing.substring(2,4);

```

```

var      hour1 = time/60;

var min1 = time%60;

var hour2 = parseInt(hour) + parseInt(hour1);

if ((hour2.toString()).length != 2) {

    hour2 = "0"+hour2.toString();

}

min2 = parseInt(min) + parseInt(min1);

if (min2 >= 60) {

    min2-=60;

    hour2++;

}

if ((min2.toString()).length!=2) {

    min2 = min2.toString() + "0";

}

var value = hour2.toString() + min2.toString();

cells[c].setAttribute("data-endtime",value);

var i = c + 1;

if (cells[i] != null) {

    cells[i].setAttribute("data-time",value);

}

}

else{

    var testing = cell.getAttribute("data-time");

    var time = parseInt(testing);

    var hour = testing.substring(0,2);

    var min = testing.substring(2,4);

    var min1 = parseInt(min)+30;

    if (min1 >= 60) {

        min1 -=60;

        hour++;

    }

}

```

```

        if (min1 == "0") {
            min1 ="00";
        }
        if ((hour.toString()).length!=2) {
            hour = "0"+hour.toString();
        }
        var value = hour.toString() + min1.toString();
        cells[c].setAttribute("data-endtime",value);
        var i = c + 1;
        if (cells[i] != null) {
            cells[i].setAttribute("data-time",value);
        }
    }

}

function allowDrop(ev) {
    ev.preventDefault();
}

var drag_td1;
var drag_tr;
var drag_colSpan;

function drag(ev) {
    ev.dataTransfer.setData("text", ev.target.id);
    var data = ev.dataTransfer.getData("text");
    drag_td1 = ev.target.parentElement;
}

```

```

var tr1 = drag_td1.parentElement.id;
drag_tr = document.getElementById(tr1);
var myid = document.getElementById(data);
var duration = document.getElementById(data).getAttribute("data-duration");
drag_colSpan = 0;
while(duration >= 30){
    duration -=30;
    drag_colSpan++;
}
}

function resetColspan(drag_td1,drag_tr,drag_colSpan){//MouseOut
td1 = drag_td1;
tr = drag_tr;
colSpan = drag_colSpan;
if (td1 != null) {
    td1.colSpan = "1";
}
if (tr != null) {
    for (var i = 0; i <= tr.cells.length; i++) {
        if(tr.cells[i] == td1) {
            for (var l=i,c=0; c <= colSpan-2; i++,c++) {
                tr.insertCell(l+1);
                tr.cells[l+1].setAttribute("ondrop","drop(event)");
                tr.cells[l+1].setAttribute("ondragover","allowDrop(event)");
            }
        }
    }
    removeMouseOut(tr);
}
}

```

```
}
```

```
function removeMouseOut(tr){  
    tr.removeEventListener("mouseout",resetColspan());  
}  
  
function drop(ev) {  
    var empty = 0;  
    if (ev.target.hasChildNodes()) {  
  
    }  
    else{  
        ev.preventDefault();  
        var data = ev.dataTransfer.getData("text");  
        var myid = document.getElementById(data);  
        var duration = document.getElementById(data).getAttribute("data-duration");  
        var studentAmount = document.getElementById(data).getAttribute("data-student");  
        document.getElementById(data).style.width = "100%";  
        var colSpan = 0;  
        while(duration >= 30){  
            duration -=30;  
            colSpan++;  
        }  
        var countcolSpan = colSpan;  
        var tr1 = ev.target.parentElement.id;  
        var tr = document.getElementById(tr1);  
        for (var i = 0; i <= tr.cells.length; i++) {  
            if(tr.cells[i] == ev.target) {  
                for (var j = i,k = 0; k < countcolSpan; j++,k++) {  
                    if (tr.cells[j].textContent.length != 0) {
```

```

        var whatthis = tr.cells[j].firstElementChild;
        if (tr.cells[j].firstElementChild == myid) {
            countcolSpan = countcolSpan-
tr.cells[j].colSpan-2;
        }else{
            empty = 1;
        }
    }
}
}

var count = tr.cells.length - ev.target.cellIndex - colSpan;
if (count < 0 || empty == 1) {
    alert('not allow');
}else{
    if (tr.cells[1].innerHTML < studentAmount) {
        alert("Warnning: this Class Capacity is not fill your course
student Amount("+studentAmount+"));
    }
    ev.target.colSpan = colSpan;

    if (drag_tr != null) {

tr.addEventListener("mouseout",resetColspan(drag_td1,drag_tr,drag_colSpan));
    }
}

for (var i = 0; i <= tr.cells.length; i++) {
    if(tr.cells[i] == ev.target) {
        for (var l=i,c=0; c <=colSpan-2; i++,c++) {
            tr.deleteCell(l+1);
        }
    }
}

```

```

        }

    checktable();

    ev.target.appendChild(myid);

}

checktable();

}

}

function insert(){

    var picker = document.getElementById('picker');

    var date = new Date(picker.value);

    var currentDate = date.toISOString().slice(0,10);

    var table = document.getElementById('timetable');

    var rows = table.rows;

    var cells;

    var cell;

    var weekday = document.getElementById('Weekdays');

    var day = weekday.getAttribute("data-weekdays");



    for (var r = 1; r < rows.length ; r++){

        cells = rows[r].cells;

        for (var c= 5; c < cells.length; c++) {

            if (cells[c].innerHTML.length > 0) {

                cell = cells[c];

                if (cell.innerHTML.length != 0) {

                    var starttime = cells[c].getAttribute("data-time");

                    var endtime = cells[c].getAttribute("data-endtime");

```

```

        var classes = rows[r].id;
        var time = cells[c].colSpan * 30;
        var div = cell.children;
        var thisdivid = div[0].id;
        var course =
document.getElementById(thisdivid).getAttribute('data-course');
        var classid =
document.getElementById(thisdivid).getAttribute('data-class');
        var requestID =
document.getElementById(thisdivid).getAttribute('data-requestid');
        var subject =
document.getElementById(thisdivid).getAttribute('data-subject');
        var hour = 0;

        while(time >= 60){

            time -= 60;
            hour++;
        }

        var duration = hour + " hours " + time + " mins";
        if (requestID != null) {

            var xhttp = new XMLHttpRequest();

            xhttp.onreadystatechange = function(){

                if(this.readyState == 4 && this.status ==
200){

                    alert(this.responseText);
                    gettable();
                    getSelection();
                }
            }
        }
    
```

```

        xhttp.open("GET","replaceclass.php?classroomID=" + classes + "&starttime=" +
starttime + "&endtime=" + endtime + "&duration=" + duration + "&course=" + course +
"&weekday=" + day + "&date=" + currentDate + "&requestID=" + requestID
+"&classid=" + classid + "&subject=" + subject, true);

        xhttp.send();

    }

}

}

}

}

```

```

function getTimetable(){

    var table = document.getElementById('timetable');

    var rows = table.rows;

    var cells;

    var cell;

    var weekday = document.getElementById('Weekdays');

    var      day = weekday.getAttribute("data-weekdays");



    for (var r = 1; r < rows.length ; r++){

        cells = rows[r].cells;

        for (var c= 5; c < cells.length; c++) {

            cell = cells[c];

            var starttime = cells[c].getAttribute("data-time");

            var endtime = cells[c].getAttribute("data-endtime");

            var classes = rows[r].id;

            getreturn(table,rows[r],cell,classes,starttime,day);

            // getCancelClass(table,rows[r],cell,classes,starttime,day);

            // getReplaceclass(table,rows[r],cell,classes,starttime,day);

```

```

        }
    }

}

function getreturn(Table,Row,Cell,Classes,Starttime,Weekday){
    var      table = Table;
    var      row = Row;
    var cell = Cell;
    var classes = Classes;
    var starttime = Starttime;
    var weekday = Weekday;
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    var currentDate = date.toISOString().slice(0,10);

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            if(this.responseText.trim() != 0){
                var tableArray = this.responseText.split(",");
                var subject = tableArray[0];
                var duration = tableArray[1];
                var Lecturer = tableArray[2];
                var classid = tableArray[4];
                var thisstarttime = tableArray[3];
                var course = tableArray[5];
                var hour = duration.substring(0,1);
                var min = duration.substring(7,10);
                hour = hour * 60;
            }
        }
    }
}

```

```

        var colSpan1 = parseInt(hour) + parseInt(min);

        var colSpan = 0;

        while(colSpan1 >= 30){

            colSpan1-=30;

            colSpan++;

        }

////

for (var c = 5; c <= row.cells.length-1; c++) {

    if ( row.cells[c].getAttribute("data-time") != null) {

        var cellstarttime = row.cells[c].getAttribute("data-
time");

    }

    if (cellstarttime == thisstarttime) {

        cell = row.cells[c];

        cell.colSpan = colSpan;

        cell.style.backgroundColor = "yellow";

        cell.style.textAlign = "center";

        cell.innerHTML = "<div id='"+ subject +"'" data-
class='"++classid+"'" data-course = "'"+course+"'>" + subject
+"<br>"+classid+"<br>"+Lecturer+"</div>";



        for (var i = 0; i <=colSpan-2; i++) {

            row.deleteCell(-1);

        }

        checkable();

        break;

    }

}

```

```

        // getCancelClass(table,row,cell,classes,starttime,weekday);
    }
}

xhttp.open("GET","gettimetetable.php?classroomID=" + classes + "&starttime=" +
starttime + "&weekday=" + weekday + "&date=" + currentDate, true);

xhttp.send();

}

function back(){

var weekday = document.getElementById('Weekdays');

var day = weekday.getAttribute("data-weekdays");

var picker = document.getElementById('picker');

var date = new Date(picker.value);

date = date.addDays(-1);

var currentDate = date.toISOString().slice(0,10);

picker.value = currentDate;

if (day == "Monday") {

    weekday.setAttribute("data-weekdays","Sunday");

    weekday.innerHTML = "Sunday";

}else if (day == "Tuesday") {

    weekday.setAttribute("data-weekdays","Monday");

    weekday.innerHTML = "Monday";

}else if(day == "Wednesday") {

    weekday.setAttribute("data-weekdays","Tuesday");

    weekday.innerHTML = "Tuesday";

}else if(day == "Thursday"){

    weekday.setAttribute("data-weekdays","Wednesday");
}
}

```

```

weekday.innerHTML = "Wednesday";
}else if(day == "Friday"){
    weekday.setAttribute("data-weekdays","Thursday");
    weekday.innerHTML = "Thursday";
}else if (day == "Saturday") {
    weekday.setAttribute("data-weekdays","Friday");
    weekday.innerHTML = "Friday";
}
else if (day == "Sunday") {
    weekday.setAttribute("data-weekdays","Saturday");
    weekday.innerHTML = "Saturday";
}
gettable();
getSelection();
}

```

```

function next(){
    var weekday = document.getElementById('Weekdays');
    var day = weekday.getAttribute("data-weekdays");
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    date = date.addDays(1);
    var currentDate = date.toISOString().slice(0,10);
    picker.value = currentDate;

    if (day == "Monday") {
        weekday.setAttribute("data-weekdays","Tuesday");
        weekday.innerHTML = "Tuesday";
    }else if (day == "Tuesday") {
        weekday.setAttribute("data-weekdays","Wednesday");
        weekday.innerHTML = "Wednesday";
    }
}

```

```

}else if(day == "Wednesday") {
    weekday.setAttribute("data-weekdays","Thursday");
    weekday.innerHTML = "Thursday";
}else if(day == "Thursday"){
    weekday.setAttribute("data-weekdays","Friday");
    weekday.innerHTML = "Friday";
}else if(day == "Friday"){
    weekday.setAttribute("data-weekdays","Saturday");
    weekday.innerHTML = "Saturday";
}else if (day == "Saturday") {
    weekday.setAttribute("data-weekdays","Sunday");
    weekday.innerHTML = "Sunday";
}
else if (day == "Sunday") {
    weekday.setAttribute("data-weekdays","Monday");
    weekday.innerHTML = "Monday";
}
gettable();
getSelection();
}

```

```

function getCurrentDate(){
    var picker = document.getElementById('picker');
    var date = new Date();
    var tzoffset = (new Date()).getTimezoneOffset() * 60000;
    var currentDate = (new Date(Date.now() - tzoffset)).toISOString().slice(0,10);
    picker.value = currentDate;

    var days = ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday",
    "Saturday"];

```

```

var weekday = document.getElementById('Weekdays');
weekday.setAttribute("data-weekdays",days[date.getDay()])
weekday.innerHTML = days[date.getDay()];

}

function getChangeddate(){
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    var currentDate = date.toISOString().slice(0,10);
    picker.value = currentDate;

    var days = ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday",
"Saturday"];
}

var weekday = document.getElementById('Weekdays');
weekday.setAttribute("data-weekdays",days[date.getDay()])
weekday.innerHTML = days[date.getDay()];
gettable();

}

Date.prototype.addDays = function(days) {
    var date = new Date(this.valueOf());
    date.setDate(date.getDate() + days);
    return date;
}

$(window).bind("pageshow", function() {
    window.onload = getCurrentDate();
});

window.onload = gettable();

```

```
window.onload = getSelection();
```

### **6.1.13 View My Request Page**

#### **6.1.13.1 Viewmyrequest.html**

```
function getSelection(){
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            document.getElementById('draganddrop').innerHTML =
this.responseText;
        }
    }

    xhttp.open("GET","getSelectionDndReplace.php", true);
    xhttp.send();
}

function gettable(){
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            document.getElementById('timetable').innerHTML =
this.responseText;
            checktable();
            getTimetable();
        }
    }
    xhttp.open("GET","table.php", true);
    xhttp.send();
}

function checktable(){
    var table = document.getElementById('timetable');
    var rows = table.rows;
    var cells;
    var cell;

    for (var r = 1; r < rows.length ; r++){
        cells = rows[r].cells;
        for (var c= 5; c < cells.length; c++) {
            cell = cells[c];
            if(c == 5){
                cell.setAttribute("data-time","0830");
            }
            if (cell.colSpan != '1') {
                var time = cell.colSpan * 30;
            }
        }
    }
}
```

```

var testing = cell.getAttribute("data-time");
var hour = testing.substring(0,2);
var min = testing.substring(2,4);
var hour1 = time/60;
var min1 = time%60;
var hour2 = parseInt(hour) + parseInt(hour1);
if ((hour2.toString()).length != 2) {
    hour2 = "0"+hour2.toString();
}
min2 = parseInt(min) + parseInt(min1);
if (min2 >= 60) {
    min2-=60;
    hour2++;
}
if ((min2.toString()).length!=2) {
    min2 = min2.toString() + "0";
}
var value = hour2.toString() + min2.toString();
cells[c].setAttribute("data-endtime",value);
var i = c + 1;
if (cells[i] != null) {
    cells[i].setAttribute("data-time",value);
}
}
else{
    var testing = cell.getAttribute("data-time");
    var time = parseInt(testing);
    var hour = testing.substring(0,2);
    var min = testing.substring(2,4);
    var min1 = parseInt(min)+30;
    if (min1 >= 60) {
        min1 -=60;
        hour++;
    }
    if (min1 == "0") {
        min1 ="00";
    }
    if ((hour.toString()).length!=2) {
        hour = "0"+hour.toString();
    }
    var value = hour.toString() + min1.toString();
    cells[c].setAttribute("data-endtime",value);
    var i = c + 1;
    if (cells[i] != null) {
        cells[i].setAttribute("data-time",value);
    }
}
}

```

```

        }
    }

}

function allowDrop(ev) {
    ev.preventDefault();
}

var drag_td1;
var drag_tr;
var drag_colSpan;

function drag(ev) {
    ev.dataTransfer.setData("text", ev.target.id);
    var data = ev.dataTransfer.getData("text");
    drag_td1 = ev.target.parentElement;
    var tr1 = drag_td1.parentElement.id;
    drag_tr = document.getElementById(tr1);
    var myid = document.getElementById(data);
    var duration = document.getElementById(data).getAttribute("data-duration");
    drag_colSpan = 0;
    while(duration >= 30){
        duration -=30;
        drag_colSpan++;
    }
}

function resetColspan(drag_td1,drag_tr,drag_colSpan){//MouseOut
    td1 = drag_td1;
    tr = drag_tr;
    colSpan = drag_colSpan;
    if (td1 != null) {
        td1.colSpan = "1";
    }
    if (tr != null) {
        for (var i = 0; i <= tr.cells.length; i++) {
            if(tr.cells[i] == td1) {
                for (var l=i,c=0; c <=colSpan-2; i++,c++) {
                    tr.insertCell(l+1);
                    tr.cells[l+1].setAttribute("ondrop","drop(event)");
                }
                tr.cells[l+1].setAttribute("ondragover","allowDrop(event)");
            }
        }
    }
}

```

```

removeMouseOut(tr);
}
}

function removeMouseOut(tr){
    tr.removeEventListener("mouseout",resetColspan());
}

function drop(ev) {
    var empty = 0;
    if (ev.target.hasChildNodes()) {

    }
    else{
        ev.preventDefault();
        var data = ev.dataTransfer.getData("text");
        var myid = document.getElementById(data);
        var duration = document.getElementById(data).getAttribute("data-duration");
        var studentAmount = document.getElementById(data).getAttribute("data-
student");
        document.getElementById(data).style.width = "100%";
        var colSpan = 0;
        while(duration >= 30){
            duration -=30;
            colSpan++;
        }
        var countcolSpan = colSpan;
        var tr1 = ev.target.parentElement.id;
        var tr = document.getElementById(tr1);
        for (var i = 0; i <= tr.cells.length; i++) {
            if(tr.cells[i] == ev.target) {
                for (var j = i,k = 0; k < countcolSpan; j++,k++) {
                    if (tr.cells[j].textContent.length != 0) {
                        var whatthis = tr.cells[j].firstElementChild;
                        if (tr.cells[j].firstElementChild == myid) {
                            countcolSpan = countcolSpan-
tr.cells[j].colSpan-2;
                        }else{
                            empty = 1;
                        }
                    }
                }
            }
        }
        var count = tr.cells.length - ev.target.cellIndex - colSpan;
        if (count < 0 || empty == 1) {
            alert('not allow');
        }
    }
}

```

```

}else{
    if (tr.cells[1].innerHTML < studentAmount) {
        alert("Warnning: this Class Capacity is not fill your course
student Amount("+studentAmount+"));
    }
    ev.target.colSpan = colSpan;

    if (drag_tr != null) {

        tr.addEventListener("mouseout",resetColspan(drag_td1,drag_tr,drag_colSpan));
    }

    for (var i = 0; i <= tr.cells.length; i++) {
        if(tr.cells[i] == ev.target) {
            for (var l=i,c=0; c <=colSpan-2; i++,c++) {
                tr.deleteCell(l+1);
            }
        }
    }

    checktable();

    ev.target.appendChild(myid);
}
checktable();
}

}

function insert(){
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    var currentDate = date.toISOString().slice(0,10);
    var table = document.getElementById('timetable');
    var rows = table.rows;
    var cells;
    var cell;
    var weekday = document.getElementById('Weekdays');
    var day = weekday.getAttribute("data-weekdays");

    for (var r = 1; r < rows.length ; r++){
        cells = rows[r].cells;
        for (var c= 5; c < cells.length; c++) {
            if (cells[c].innerHTML.length > 0) {
                cell = cells[c];
                if (cell.innerHTML.length != 0) {

```



```

function getTimetable(){
    var table = document.getElementById('timetable');
    var rows = table.rows;
    var cells;
    var cell;
    var weekday = document.getElementById('Weekdays');
    var day = weekday.getAttribute("data-weekdays");

    for (var r = 1; r < rows.length ; r++){
        cells = rows[r].cells;
        for (var c= 5; c < cells.length; c++) {
            cell = cells[c];
            var starttime = cell.getAttribute("data-time");
            var endtime = cell.getAttribute("data-endtime");
            var classes = rows[r].id;

            getreturn(table,rows[r],cell,classes,starttime,day);
                // getCancelClass(table,rows[r],cell,classes,starttime,day);
                // getReplaceclass(table,rows[r],cell,classes,starttime,day);

        }
    }
}

function getreturn(Table,Row,Cell,Classes,Starttime,Weekday){
    var table = Table;
    var row = Row;
    var cell = Cell;
    var classes = Classes;
    var starttime = Starttime;
    var weekday = Weekday;
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    var currentDate = date.toISOString().slice(0,10);

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            if(this.responseText.trim() != 0){
                var tableArray = this.responseText.split(",");
                var subject = tableArray[0];
                var duration = tableArray[1]
                var Lecturer = tableArray[2];
                var classid = tableArray[4];
                var thisstarttime = tableArray[3];
                var course = tableArray[5];
            }
        }
    }
}

```

```

        var hour = duration.substring(0,1);
        var      min = duration.substring(7,10);
        hour = hour * 60;

        var colSpan1 = parseInt(hour) + parseInt(min);
        var colSpan = 0;
        while(colSpan1 >= 30){
            colSpan1-=30;
            colSpan++;
        }
/////
for (var c = 5; c <= row.cells.length-1; c++) {
    if ( row.cells[c].getAttribute("data-time") != null) {
        var cellstarttime = row.cells[c].getAttribute("data-
time");
    }
    if (cellstarttime == thisstarttime) {
        cell = row.cells[c];
        cell.colSpan = colSpan;
        cell.style.backgroundColor = "yellow";
        cell.style.textAlign = "center";
        cell.innerHTML = "<div id='"+ subject +"'" data-
class="" + classid +"" data-course = "" + course +"">" + subject
+"<br>" + classid + "<br>" + Lecturer + "</div>";

        for (var i = 0; i <=colSpan-2; i++) {
            row.deleteCell(-1);
        }

        checkable();
        break;
    }
}

// getCancelClass(table,row,cell,classes,starttime,weekday);
}
}
}

xhttp.open("GET","gettimetable.php?classroomID=" + classes + "&starttime=" +
starttime + "&weekday=" + weekday + "&date=" + currentDate, true);
xhttp.send();

}

function back(){

```

```

var weekday = document.getElementById('Weekdays');
var day = weekday.getAttribute("data-weekdays");
var picker = document.getElementById('picker');
var date = new Date(picker.value);
date = date.addDays(-1);
var currentDate = date.toISOString().slice(0,10);
picker.value = currentDate;

if (day == "Monday") {
    weekday.setAttribute("data-weekdays","Sunday");
    weekday.innerHTML = "Sunday";
}else if (day == "Tuesday") {
    weekday.setAttribute("data-weekdays","Monday");
    weekday.innerHTML = "Monday";
}else if(day == "Wednesday") {
    weekday.setAttribute("data-weekdays","Tuesday");
    weekday.innerHTML = "Tuesday";
}else if(day == "Thursday"){
    weekday.setAttribute("data-weekdays","Wednesday");
    weekday.innerHTML = "Wednesday";
}else if(day == "Friday"){
    weekday.setAttribute("data-weekdays","Thursday");
    weekday.innerHTML = "Thursday";
}else if (day == "Saturday") {
    weekday.setAttribute("data-weekdays","Friday");
    weekday.innerHTML = "Friday";
}
else if (day == "Sunday") {
    weekday.setAttribute("data-weekdays","Saturday");
    weekday.innerHTML = "Saturday";
}
gettable();
getSelection();
}

function next(){
    var weekday = document.getElementById('Weekdays');
    var day = weekday.getAttribute("data-weekdays");
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    date = date.addDays(1);
    var currentDate = date.toISOString().slice(0,10);
    picker.value = currentDate;

    if (day == "Monday") {
        weekday.setAttribute("data-weekdays","Tuesday");
        weekday.innerHTML = "Tuesday";
    }
}

```

```

}else if (day == "Tuesday") {
    weekday.setAttribute("data-weekdays","Wednesday");
    weekday.innerHTML = "Wednesday";
}else if(day == "Wednesday") {
    weekday.setAttribute("data-weekdays","Thursday");
    weekday.innerHTML = "Thursday";
}else if(day == "Thursday"){
    weekday.setAttribute("data-weekdays","Friday");
    weekday.innerHTML = "Friday";
}else if(day == "Friday"){
    weekday.setAttribute("data-weekdays","Saturday");
    weekday.innerHTML = "Saturday";
}else if (day == "Saturday") {
    weekday.setAttribute("data-weekdays","Sunday");
    weekday.innerHTML = "Sunday";
}
else if (day == "Sunday") {
    weekday.setAttribute("data-weekdays","Monday");
    weekday.innerHTML = "Monday";
}
gettable();
getSelection();
}

function getCurrentDate(){
    var picker = document.getElementById('picker');
    var date = new Date();
    var tzoffset = (new Date()).getTimezoneOffset() * 60000;
    var currentDate = (new Date(Date.now() - tzoffset)).toISOString().slice(0,10);
    picker.value = currentDate;

    var days = ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday",
    "Saturday"];

    var weekday = document.getElementById('Weekdays');
    weekday.setAttribute("data-weekdays",days[date.getDay()])
    weekday.innerHTML = days[date.getDay()];
}

function getChangeddate(){
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    var currentDate = date.toISOString().slice(0,10);
    picker.value = currentDate;

    var days = ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday",
    "Saturday"];
}

```

```

var weekday = document.getElementById('Weekdays');
weekday.setAttribute("data-weekdays",days[date.getDay()]);
weekday.innerHTML = days[date.getDay()];
gettable();
}

Date.prototype.addDays = function(days) {
    var date = new Date(this.valueOf());
    date.setDate(date.getDate() + days);
    return date;
}

$(window).bind("pageshow", function() {
    window.onload = getCurrentDate();
});

window.onload = gettable();
window.onload = getSelection();

```

#### **6.1.13.2 viewmyrequest.js**

```

function showrequest() {
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            document.getElementById('requesttable').innerHTML =
this.responseText;
        }
    }

    xhttp.open("GET", "viewmyrequest.php", true);
    xhttp.send();
}

```

## 6.1.14 Manage Classroom Page

### 6.1.14.1 Editclass.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Manage Class</title>

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
        crossorigin="anonymous">

    <script type="text/javascript" src="checkuser.js"></script>
</head>
<body>
    <!-- top nav -->
    <div class="Title" style="display: inline-block;">
        <h1 class="SystemName" style="float: left;">Classroom Timetable
        System</h1>

    </div>
    <div style="float: right; padding-right: 20px" id="loginStatus">
        <a href="login.html">Login</a>
    </div>

    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <a class="navbar-brand" href="homepage.html">HomePage</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>

        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav mr-auto" id="topnav">
                <li class="nav-item">
                    <a class="nav-link" href="homepage.html">Home</a>
                </li>
                <li>
                    <a class="nav-link active" href="timetable.html">View
                    Full Time Table<span class="sr-only" style="font-size: small;">(current)</span></a>
                </li>
            </ul>
        </div>
    </nav>
</body>
```

```

        </li>
    </ul>
    <form class="form-inline my-2 my-lg-0" id='searchform'>
        <input class="form-control mr-sm-2" type="search"
placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
            <datalist id="allcourse">
            </datalist>
            <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>
        </form>
    </div>
</nav>

<div id="showclass">
    <h1>Manage Classroom</h1>
    <table id="classtable" class="table table-info">

        </table>
</div>

<h1>Add Classroom</h1>

<table>
    <tr>
        <td>
            Class ID :
        </td>
        <td>
            <input type="text" name="classID" id="classID"
required="required">
        </td>
    </tr>
    <tr>
        <td>
            Class Capacity :
        </td>
        <td>
            <input type="number" name="Capacity" id="capacity"
required="required">
        </td>
    </tr>
    <tr>
        <td>
            Class Category:
        </td>
        <td>

```

```

        <select name="category" id="category"
onchange="addcategory()">

            </select>
        </td>
    </tr>
    <tr>
        <td>
            Projector amount:
        </td>
        <td>
            <select id="projector">
                <option value="0">0</option>
                <option value="1">1</option>
                <option value="2">2</option>
                <option value="3">3</option>
                <option value="4">4</option>
                <option value="5">5</option>
            </select>
        </td>
    </tr>
    <tr id="blank">

        </tr>
        <tr>
            <td></td>
            <td><button type="button" class="btn btn-info"
onclick="insert()">Add</button></td>
        </tr>
    </table>

    <!-- Optional JavaScript -->
    <script type="text/javascript" src="addclassroom.js"></script>
    <script type="text/javascript" src="searchbar.js"></script>
    <script type="text/javascript" src="EditClass.js"></script>
    <script type="text/javascript">
        window.onload = checkuser();
        window.onload = checkAdmin();
    </script>
    <!-- jQuery first, then Popper.js, then Bootstrap JS -->
    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-

```

UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"  
crossorigin="anonymous">></script>  
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"  
integrity="sha384-  
JjSmVgyd0p3pXB1rRibZUAYoIly6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"  
crossorigin="anonymous"></script></body>  
</html>

#### 6.1.14.2 Addclassroom.js

```
var computeramount = "";

function insert(){
    var roomID = document.getElementById('classID').value;
    var capacity = document.getElementById('capacity').value;
    var category =
document.getElementById('category').options[document.getElementById('category').selected
Index].text;
    var categoryValue = document.getElementById('category').value;
    var projector = document.getElementById('projector').value;

    if (categoryValue == '0'){
        category = document.getElementById('newcategory').value;
    }else if (categoryValue == '1'){
        computeramount = document.getElementById('computeramount').value;
    }

    if (roomID.length <= 0 || capacity.length <= 0 || categoryValue == -1 ||
category.length <= 0){
        alert("Please Fill In All Data")
    }
    else if(roomID.indexOf(' ') > 0){
        alert("room ID Not Allow Spacing")
    }
    else{
        var xhttp = new XMLHttpRequest();

        xhttp.onreadystatechange = function(){

            if(this.readyState == 4 && this.status == 200){
                alert(this.responseText);
                location.reload();
            }
        }

        xhttp.open("GET", "addclassroom.php?roomID=" + roomID + "&capacity=" +
capacity + "&category=" + category + "&computeramount=" + computeramount
+"&projector=" + projector, true);
        xhttp.send();
    }

}

function getcategorry(){
```

```

var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function(){

    if(this.readyState == 4 && this.status == 200){
        document.getElementById('category').innerHTML = this.responseText;
    }
}

xhttp.open("GET", "getcategory.php", true);
xhttp.send();
}

function addcategory(){
    var category = document.getElementById('category').value;
    if (category == '0'){
        document.getElementById('blank').innerHTML = "<td>Add New
Category</td>" +
            "<td><input type='text' id='newcategory'></td>";
    }else if (category=="1") {
        var computerlist;

        for (var i = 1; i <= 100; i++) {
            computerlist += "<option value="" +i+"">" +i+"</option>";
        }
        document.getElementById('blank').innerHTML = "<td>Computer
Amount</td><td><select id='computeramount'></select></td>";
        document.getElementById('computeramount').innerHTML =
computerlist;
    }
    else{
        document.getElementById('blank').innerHTML = "";
    }
}

window.onload = getcategorry();

```

#### **6.1.14.3 Editclass.js**

```
function getdata(){
    var table = document.getElementById('classtable');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            table.innerHTML = this.responseText;
        }
    }

    xhttp.open("GET","EditClass.php", true);
    xhttp.send();
}

function deleteclass(classroomID){
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            alert(this.responseText);
            location.reload();
        }
    }

    xhttp.open("GET","deleteclassroom.php?classroomID="+classroomID, true);
    xhttp.send();
}

window.onload = getdata();
```

## 6.1.15 Edit Class Page

### 6.1.15.1 modifyClass.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Edit Class</title>

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
        crossorigin="anonymous">

    <script type="text/javascript" src="checkuser.js"></script>
</head>
<body>
    <!-- top nav -->
    <div class="Title" style="display: inline-block;">
        <h1 class="SystemName" style="float: left;">Classroom Timetable
        System</h1>

    </div>
    <div style="float: right; padding-right: 20px" id="loginStatus">
        <a href="login.html">Login</a>
    </div>

    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <a class="navbar-brand" href="homepage.html">HomePage</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>

        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav mr-auto" id="topnav">
                <li class="nav-item">
                    <a class="nav-link" href="homepage.html">Home</a>
                </li>
                <li>
                    <a class="nav-link active" href="timetable.html">View
                    Full Time Table<span class="sr-only" style="font-size: small;">(current)</span></a>
                </li>
            </ul>
        </div>
    </nav>
</body>
```

```

        </li>
    </ul>
    <form class="form-inline my-2 my-lg-0" id='searchform'>
        <input class="form-control mr-sm-2" type="search"
placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
            <datalist id="allcourse">
            </datalist>
            <button class="btn btn-outline-success my-2 my-sm-0"
type="submit">Search</button>
        </form>
    </div>
</nav>

<div id="classInfo">
    <h1>Class Info</h1>
    <table id="classtable">

        </table>
</div>

<!-- Optional JavaScript -->
<script type="text/javascript" src="searchbar.js"></script>
<script type="text/javascript" src="modifyClass.js"></script>
<script type="text/javascript">
    window.onload = checkuser();
    window.onload = checkAdmin();
</script>
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIly6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script></body>
</html>

```

### 6.1.15.2 modifyClass.js

```
var data = [];
var data1 = [];

function getClassFromURL(){
    var queryString = decodeURIComponent(window.location.search);
    queryString = queryString.substring(1);
    var queries = queryString.split("&");

    for (var i = 0; i < queries.length; i++)
    {
        data[i] = queries[i].split("=");
    }

    for (var i = 0; i < data.length; i++)
    {
        var      text = data[i].toString();

        text = text.substring(text.indexOf(",") + 1);
        data1[i] = text;
    }
    return data1[0];
}

function getdata(){
    var table = document.getElementById('classtable');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            table.innerHTML = this.responseText;
        }
    }

    xhttp.open("GET","showclassroominfo.php?classroomID="+ getClassFromURL(),
    true);
    xhttp.send();
}

function onselectordchange(){
    var selecter = document.getElementById('category');
    if (category.value == 'Computer Lab') {
        document.getElementById('computerLab').innerHTML = "<td>Computer
Amount</td><td><input id='computerAmount' type='number' value='0'></td>"
    }else{
```

```

        document.getElementById('computerLab').innerHTML = "";
    }
}

function update(){
    var classroomID = document.getElementById('classroomID').innerHTML;
    var capacity = document.getElementById('classCapacity').value;
    var category = document.getElementById('category').value;
    if (category == 'Computer Lab') {
        var computerAmount = document.getElementById('computerAmount').value;
    }else{
        computerAmount = 0;
    }
    var projectorAmount = document.getElementById('projectorAmount').value;
    var status = document.getElementById('status').value;

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            alert(this.responseText);
            location.reload();
        }
    }

    xhttp.open("GET","modifyClass.php?classroomID="+classroomID+"&capacity=" +
    capacity + "&category="+category
    +"&computerAmount="+computerAmount+"&projectorAmount=" +
    projectorAmount+"&status="+status, true);
    xhttp.send();
}

window.onload = getdata();

```

## **6.1.16 Manage Semester Page**

### **6.1.16.1 ManageSem.html**

```
<!DOCTYPE html>

<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Manage Sem</title>

    <script type="text/javascript" src="addsem.js"></script>
    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
        crossorigin="anonymous">
    <script
        src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
    <script type="text/javascript" src="checkuser.js"></script>
</head>
<body>
    <!-- top nav -->
    <div class="Title" style="display: inline-block;">
        <h1 class="SystemName" style="float: left;">Classroom Timetable
        System</h1>
    </div>
    <div style="float: right; padding-right: 20px" id="loginStatus">
        <a href="login.html">Login</a>
    </div>

    <nav class="navbar navbar-expand-lg navbar-light bg-light">
```

```

<a class="navbar-brand" href="homepage.html">HomePage</a>

<button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
    <span class="navbar-toggler-icon"></span>
</button>

<div class="collapse navbar-collapse" id="navbarSupportedContent">
    <ul class="navbar-nav mr-auto" id="topnav">
        <li class="nav-item">
            <a class="nav-link" href="homepage.html">Home</a>
        </li>
        <li>
            <a class="nav-link active" href="timetable.html">View
Full Time Table<span class="sr-only">(current)</span></a>
        </li>
    </ul>
    <form class="form-inline my-2 my-lg-0" id='searchform'>
        <input class="form-control mr-sm-2" type="search"
placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
        <datalist id="allcourse">
            </datalist>
        <button class="btn btn-outline-success my-2 my-sm-0"
type="submit">Search</button>
    </form>
</div>
</nav>

<h1>Manage Sem</h1>
<table class="table table-info" id="semtable">

```

```

</table>

<button type="button" class="btn btn-info" onclick="add()">Add SEM</button>

<!-- Optional JavaScript -->
<script type="text/javascript" src="searchbar.js"></script>
<script type="text/javascript">
    window.onload = checkuser();
    window.onload = checkRight();
    window.onload = gettable();
</script>
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzbzo5smXKp4YfRvH+8abTE1Pi6jizo"
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIly6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script></body>
</html>

```

### 6.1.16.2 Addsem.js

```

function add(){
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            alert(this.responseText);
            location.reload();
        }
    }
}

```

```
xhttp.open("GET", "addsem.php", true);
xhttp.send();
}

function gettable(){
    var table = document.getElementById('semtable');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            table.innerHTML = this.responseText;
        }
    }

    xhttp.open ("GET", "semtable.php", true);
    xhttp.send();
}
```

## 6.1.17 Manage Course Page

### 6.1.17.1 EditCourse.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Manage Course</title>

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
        crossorigin="anonymous">

    <script type="text/javascript" src="checkuser.js"></script>
</head>
<body>
    <!-- top nav -->
    <div class="Title" style="display: inline-block;">
        <h1 class="SystemName" style="float: left;">Classroom Timetable
        System</h1>

    </div>
    <div style="float: right; padding-right: 20px" id="loginStatus">
        <a href="login.html">Login</a>
    </div>

    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <a class="navbar-brand" href="homepage.html">HomePage</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>

        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav mr-auto" id="topnav">
                <li class="nav-item">
                    <a class="nav-link" href="homepage.html">Home</a>
                </li>
                <li>
                    <a class="nav-link active" href="timetable.html">View
                    Full Time Table<span class="sr-only" style="font-size: small;">(current)</span></a>
                </li>
            </ul>
        </div>
    </nav>
</body>
```

```

        </li>
    </ul>
    <form class="form-inline my-2 my-lg-0" id='searchform'>
        <input class="form-control mr-sm-2" type="search"
placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
            <datalist id="allcourse">
            </datalist>
            <button class="btn btn-outline-success my-2 my-sm-0"
type="submit">Search</button>
        </form>
    </div>
</nav>

<div id="showcourse">
    <h1>Manage Course</h1>
    <table id="coursetable" class="table table-info">

        </table>
</div>

<h1>Add Course</h1>

<table>
    <tr>
        <td>
            Course ID:
        </td>
        <td>
            <input type="text" name="courseID" id="courseID"
style="width: 500px;">
            </td>
        </tr>
        <tr>
            <td>
                Course Name:
            </td>
            <td>
                <input type="text" name="courseName" id="courseName"
style="width: 500px;">
            </td>
        </tr>
        <tr>
            <td>
                Total_semester :
            </td>
            <td>
                <select id="totalsemester" style="width: 500px;"></select>
            </td>
        </tr>
    </table>

```

```

        </td>
    </tr>
    <tr>
        <td></td>
        <td><button type="button" class="btn btn-info"
onclick="submit()">Submit</button></td>
    </tr>
</table>

<!-- Optional JavaScript --&gt;
&lt;script type="text/javascript" src="searchbar.js"&gt;&lt;/script&gt;
&lt;script type="text/javascript" src="EditCourse.js"&gt;&lt;/script&gt;
    &lt;script type="text/javascript" src="addcourse.js"&gt;&lt;/script&gt;
&lt;script type="text/javascript"&gt;
    window.onload = checkuser();
    window.onload = checkAdmin();
    window.onload = getsem();
&lt;/script&gt;
<!-- jQuery first, then Popper.js, then Bootstrap JS --&gt;
&lt;script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abTE1Pi6jizo"
crossorigin="anonymous"&gt;&lt;/script&gt;
&lt;script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"&gt;&lt;/script&gt;
&lt;script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUA YoIiy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"&gt;&lt;/script&gt;&lt;/body&gt;
&lt;/html&gt;
</pre>

```

### 6.1.17.2 Editcourse.js

```

function getdata(){
    var table = document.getElementById('coursetable');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            table.innerHTML = this.responseText;
        }
    }

    xhttp.open("GET","EditCourse.php", true);

```

```

        xhttp.send();
    }

function deletecourse(button){
    var td = button.parentElement;
    var tr = td.parentElement;
    var courseID = tr.children[0].id;

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            alert(this.responseText);
            location.reload();
        }
    }

    xhttp.open("GET","deleteCourse.php?courseID="+courseID, true);
    xhttp.send();
}

window.onload = getdata();

```

#### **6.1.17.3 Addcourse.js**

```

function submit(){
    var courseID = document.getElementById('courseID').value;
    var courseName = document.getElementById('courseName').value;
    var totalsemester = document.getElementById('totalsemester').value;

    if(courseID.indexOf(' ') > 0){
        alert("Course ID Not Allow Spacing")
    }else{

        var xhttp = new XMLHttpRequest();

        xhttp.onreadystatechange = function(){
            if(this.readyState == 4 && this.status == 200){
                alert(this.responseText);
                location.reload();
            }
        }

        xhttp.open("GET","addcourse.php?courseID=" + courseID + "&courseName=" +
        encodeURIComponent(courseName) + "&totalsemester=" + totalsemester, true);
        xhttp.send();
    }
}

```

```
        }
    }

function getsem(){
    var totalsemester = document.getElementById('totalsemester');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            totalsemester.innerHTML = this.responseText;
        }
    }

    xhttp.open("GET","getsem.php", true);
    xhttp.send();
}
```

## 6.1.18 Edit Course Page

### 6.1.18.1 modifyCourse.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Edit Course</title>

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
        crossorigin="anonymous">

    <script type="text/javascript" src="checkuser.js"></script>
</head>
<body>
    <!-- top nav -->
    <div class="Title" style="display: inline-block;">
        <h1 class="SystemName" style="float: left;">Classroom Timetable
        System</h1>

    </div>
    <div style="float: right; padding-right: 20px" id="loginStatus">
        <a href="login.html">Login</a>
    </div>

    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <a class="navbar-brand" href="homepage.html">HomePage</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>

        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav mr-auto" id="topnav">
                <li class="nav-item">
                    <a class="nav-link" href="homepage.html">Home</a>
                </li>
                <li>
                    <a class="nav-link active" href="timetable.html">View
                    Full Time Table<span class="sr-only" style="font-size: small;">(current)</span></a>
                </li>
            </ul>
        </div>
    </nav>
</body>
```

```

        </li>
    </ul>
    <form class="form-inline my-2 my-lg-0" id='searchform'>
        <input class="form-control mr-sm-2" type="search"
placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
            <datalist id="allcourse">
            </datalist>
        <button class="btn btn-outline-success my-2 my-sm-0"
type="submit">Search</button>
    </form>
</div>
</nav>

<div id="courseInfo">
    <h1>Course Info</h1>
    <table id="coursetable">

        </table>
</div>

<!-- Optional JavaScript -->
<script type="text/javascript" src="searchbar.js"></script>
<script type="text/javascript" src="modifyCourse.js"></script>
<script type="text/javascript">
    window.onload = checkuser();
    window.onload = checkAdmin();
</script>
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIlly6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script></body>
</html>

```

### 6.1.18.2 modifyCourse.js

```

var data = [];
var data1 = [];

```

```

function getClassFromURL(){
    var queryString = decodeURIComponent(window.location.search);
    queryString = queryString.substring(1);
    var queries = queryString.split("&");

    for (var i = 0; i < queries.length; i++)
    {
        data[i] = queries[i].split("=");
    }

    for (var i = 0; i < data.length; i++)
    {
        var      text = data[i].toString();

        text = text.substring(text.indexOf(",") + 1);
        data1[i] = text;
    }
    return data1[0];
}

function getdata(){
    var table = document.getElementById('coursetable');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            table.innerHTML = this.responseText;
        }
    }
    xhttp.open("GET","showcourseinfo.php?course="+ getClassFromURL(), true);
    xhttp.send();
}

function update(){
    var courseID = document.getElementById('courseID').innerHTML;
    var courseName = document.getElementById('courseName').value;
    var totalsemester = document.getElementById('totalsemester').value

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            alert(this.responseText);
            window.location.href = "EditCourse.html";
        }
    }
}

```

```
xhttp.open("GET","modifyCourse.php?courseID="+courseID+"&courseName="+cou  
rseName+"&totalsemester="+totalsemester, true);  
xhttp.send();  
  
}  
window.onload = getdata();
```

## 6.1.19 Manage Subject Page

### 6.1.19.1 Managesubject.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Manage Subject</title>

    <!-- Bootstrap CSS -->
    <script type="text/javascript" src="addsubject.js"></script>
    <link rel="stylesheet"
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
        crossorigin="anonymous">
        <script
            src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
        <script type="text/javascript" src="checkuser.js"></script>
</head>
<body>

    <!-- top nav -->
    <div class="Title" style="display: inline-block;">
        <h1 class="SystemName" style="float: left;">Classroom Timetable
        System</h1>

    </div>
    <div style="float: right; padding-right: 20px" id="loginStatus">
        <a href="login.html">Login</a>
    </div>

    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <a class="navbar-brand" href="homepage.html">HomePage</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>

        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav mr-auto" id="topnav">
                <li class="nav-item">
                    <a class="nav-link" href="homepage.html">Home</a>
                </li>
            </ul>
        </div>
    </nav>
</body>
```

```

<li>
    <a class="nav-link active" href="timetable.html">View
Full Time Table<span class="sr-only">(current)</span></a>
</li>
</ul>
<form class="form-inline my-2 my-lg-0">
    <input class="form-control mr-sm-2" type="search"
placeholder="Search" aria-label="Search">
    <button class="btn btn-outline-success my-2 my-sm-0"
type="submit">Search</button>
</form>
</div>
</nav>

<p>Course : <select id="courselist" onchange="gettable()"></select> Semester :
<select id="semlist" onchange="gettable()"></select></p>
<h1>Manage Subject<a class="btn btn-danger float-right" href="deletedsubject.html"
role="button">Deleted Subject</a></h1>
<div>
    <table id="managesubject" class="table table-info">
        </table>
</div>

<h1>Add Subject</h1>
<table>
    <tr>
        <td>Course : </td>
        <td>
            <select id='course'>
                </select>
        </td>
    </tr>
    <tr>
        <td>Subject ID : </td>
        <td><input type="text" name="subejctID" id="subjectID"
style='width: 300px;'></td>
    </tr>
    <tr>
        <td>Subject Name : </td>
        <td><input type="text" name="subjectName"
id="subjectName" style='width: 300px;'></td>
    </tr>
    <tr>
        <td>Subejct Semester : </td>
        <td>

```

```

<select id="subjectsem">
    </select>
</td>
</tr>
<tr>
    <td>Duration : </td>
    <td>
        <select id='duration'>
            <option value="30">30 minutes</option>
            <option value="60">1 hour</option>
            <option value="90">1 hour 30minutes</option>
            <option value="120">2hours</option>
            <option value="150">2hour 30 minutes</option>
            <option value="180">3hours</option>
        </select>
    </td>
</tr>
<tr>
    <td></td>
    <td><button type="button" class="btn btn-info"
        onclick="add()">Add</button></td>
    </tr>
</table>

<script type="text/javascript">
    window.onload = checkuser();
    window.onload = checkRight();
    window.onload = getcouselist();
    window.onload = getCourse();
</script>

<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abTE1Pi6jizo"
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script></body>
</html>

```

### 6.1.19.2 Addsubject.js

```
function getCourse(){
    var course = document.getElementById('course');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            course.innerHTML = this.responseText;
            getSem();
        }
    }

    xhttp.open("GET", "getcourse.php", true);
    xhttp.send();
}

function getSem(){
    var subejctsem = document.getElementById('subejctsem');
    var course = document.getElementById('course').value;

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            subejctsem.innerHTML = this.responseText;
        }
    }

    xhttp.open("GET", "getsem.php?course="+course, true);
    xhttp.send();
}

function add(){
    var subejctsem = document.getElementById('subejctsem').value;
    var course = document.getElementById('course').value;
    var subjectID = document.getElementById('subjectID').value;
    var subjectName = document.getElementById('subjectName').value;
    var duration = document.getElementById('duration').value;

    if (subjectID && subjectName != "") {
        var xhttp = new XMLHttpRequest();

        xhttp.onreadystatechange = function(){


```

```

        if(this.readyState == 4 && this.status == 200){
            alert(this.responseText);
            gettable();
        }
    }
    xhttp.open("GET",
"addsubject.php?subejctsem="+subejctsem+"&course="+course+"&subjectID="+subjectID+
"&subjectName="+subjectName+"&duration="+duration, true);
    xhttp.send();
}
else{
    alert("Please Fill in all the data");
}
}

function gettable(){
var table = document.getElementById('managesubject');
var course = document.getElementById('courselist').value;
var sem = document.getElementById('semlist').value;

var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function(){

    if(this.readyState == 4 && this.status == 200){
        table.innerHTML = this.responseText;
    }
}

xhttp.open("GET", "getsubjectlist.php?course="+course+"&sem="+sem, true);
xhttp.send();
}

function getcourselist(){
var course = document.getElementById('courselist');
var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function(){

    if(this.readyState == 4 && this.status == 200){
        course.innerHTML = this.responseText;
        getsemlist();
    }
}

xhttp.open("GET", "getcourse.php", true);
}

```

```

        xhttp.send();
    }

function getsemlist(){
    var course = document.getElementById('courselist').value;
    var sem = document.getElementById('semlist');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            sem.innerHTML = this.responseText;
            gettable();
        }
    }

    xhttp.open("GET", "getsem.php?course="+course, true);
    xhttp.send();
}

function Edit(id){
    location.href = 'editsubject.html?id=' + id;
}

function Delete(id){
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            alert(this.responseText);
            gettable();
        }
    }

    xhttp.open("GET", "deletesubject.php?id=" + id, true);
    xhttp.send();
}

```

### **6.1.20 Edit Subject Page**

#### **6.1.20.1 Editsubject.html**

```

<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Required meta tags -->

```

```

<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
<title>Page Title</title>

<!-- Bootstrap CSS -->
<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUhcWr7x9JvoRxT2MZw1T"
crossorigin="anonymous">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
<script type="text/javascript" src="checkuser.js"></script>
</head>
<body>

<!-- top nav -->
<div class="Title" style="display: inline-block;">
    <h1 class="SystemName" style="float: left;">Classroom Timetable(current)</span></a>
            </li>
        </ul>
        <form class="form-inline my-2 my-lg-0">

```

```

        <input class="form-control mr-sm-2" type="search"
placeholder="Search" aria-label="Search">
        <button class="btn btn-outline-success my-2 my-sm-0"
type="submit">Search</button>
    </form>
</div>
</nav>

<div>
    <h1>Subject Info</h1>
    <table id="subjectinfo">
        </table>
</div>

<!-- Optional JavaScript -->
<script type="text/javascript" src="editsubject.js"></script>
<script type="text/javascript">
    window.onload = getsubjectinfo();
    window.onload = checkuser();
    window.onload = checkRight();
</script>
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzbzo5smXKp4YfRvH+8abTE1Pi6jizo"
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIly6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script></body>
</html>

```

### 6.1.20.2 Editsubject.js

```

var data = [];
var data1 = [];

function getCourseFromURL(){
    var queryString = decodeURIComponent(window.location.search);
    queryString = queryString.substring(1);
    var queries = queryString.split("&");

```

```

for (var i = 0; i < queries.length; i++)
{
    data[i] = queries[i].split("=");
}

for (var i = 0; i < data.length; i++)
{
    var      text = data[i].toString();

    text = text.substring(text.indexOf(",") + 1);
    data1[i] = text;
}
return data1[0];
}

function getssubjectinfo(){

var table = document.getElementById('subjectinfo');

var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function() {
    if (this.readyState == 4 && this.status == 200) {
        table.innerHTML = this.responseText;
    }
}

xhttp.open("GET", "getsubjectinfo.php?id="+getCourseFromURL(), true);
xhttp.send();
}

function Update(id){
    var subjectname = document.getElementById('subjectname').value;
    var sem = document.getElementById('sem').value;
    var duration = document.getElementById('duration').value;

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function() {
        if (this.readyState == 4 && this.status == 200) {
            alert(this.responseText);
            window.location.href = "managesubject.html"
        }
    }
}

```

```
    xhttp.open("GET",
"editsubject.php?id="+id+"&subjectname="+subjectname+"&sem="+sem+"&duration="+du
ration, true);
    xhttp.send();
}
```

## 6.1.21 Manage Intake Page

### 6.1.21.1 Intake.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Manage Intake</title>

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
        crossorigin="anonymous">
    <script type="text/javascript" src="intake.js"></script>
    <script
        src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
    <script type="text/javascript" src="checkuser.js"></script>
</head>
<body>

    <!-- top nav -->
    <div class="Title" style="display: inline-block;">
        <h1 class="SystemName" style="float: left;">Classroom Timetable
        System</h1>
    </div>
    <div style="float: right; padding-right: 20px" id="loginStatus">
        <a href="login.html">Login</a>
    </div>

    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <a class="navbar-brand" href="homepage.html">HomePage</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>

        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav mr-auto" id="topnav">
                <li class="nav-item">
                    <a class="nav-link" href="homepage.html">Home</a>
                </li>
            </ul>
        </div>
    </nav>
</body>
```

```

<li>
    <a class="nav-link active" href="timetable.html">View
Full Time Table<span class="sr-only">(current)</span></a>
</li>
</ul>
<form class="form-inline my-2 my-lg-0" id='searchform'>
    <input class="form-control mr-sm-2" type="search"
placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
    <datalist id="allcourse">

        </datalist>
        <button class="btn btn-outline-success my-2 my-sm-0"
type="submit">Search</button>
    </form>
</div>
</nav>

<h1>Manage Intake</h1>
<div>
    <table class="table table-info table-hover table" id="intaketable">

        </table>
    </div>

<h1>Add Intake</h1>

<div>
    <table>
        <tr>
            <td>Intake : </td>
            <td><input type="text" name="intake" id="intake"></td>
        </tr>
        <tr>
            <td></td>
            <td><button type="button" class="btn btn-info"
onclick="submit()">Submit</button></td>
        </tr>
    </table>
</div>

<!-- Optional JavaScript -->
<script type="text/javascript" src="searchbar.js"></script>
<script type="text/javascript">
    window.onload = checkuser();
    window.onload = checkRight();
    window.onload = gettable();
</script>

```

```

<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script>
</body>
</html>

```

### 6.1.21.2 Intake.js

```

function submit(){
    var intake = document.getElementById('intake').value;

    if (intake != "") {
        var xhttp = new XMLHttpRequest();

        xhttp.onreadystatechange = function(){
            if(this.readyState == 4 && this.status == 200){
                alert(this.responseText);
                gettable();
            }
        }

        xhttp.open("GET", "addintake.php?Intake=" + intake, true);
        xhttp.send();
    }
    else{
        alert("Please insert intake");
    }
}

function gettable(){
    var intaketable = document.getElementById('intaketable');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            intaketable.innerHTML = this.responseText;
        }
    }
}

```

```

xhttp.open("GET", "getintaketable.php", true);
xhttp.send();

}

function Delete(id){
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            alert(this.responseText);
            gettable();
        }
    }
}

xhttp.open("GET", "deleteintake.php?id="+id, true);
xhttp.send();
}

```

### **6.1.22 Manage Class Page**

#### **6.1.22.1 ManageClass.html**

```

<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Manage Class</title>

    <script type="text/javascript" src="manageClass.js"></script>
    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
    href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
    integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
    crossorigin="anonymous">
    <script
    src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
    <script type="text/javascript" src="checkuser.js"></script>
</head>
<body>
    <!-- top nav -->
    <div class="Title" style="display: inline-block;">
        <h1 class="SystemName" style="float: left;">Classroom Timetable
        System</h1>

```

```

</div>
<div style="float: right; padding-right: 20px" id="loginStatus">
    <a href="login.html">Login</a>
</div>

<nav class="navbar navbar-expand-lg navbar-light bg-light">
    <a class="navbar-brand" href="homepage.html">HomePage</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarSupportedContent">
        <ul class="navbar-nav mr-auto" id="topnav">
            <li class="nav-item">
                <a class="nav-link" href="homepage.html">Home</a>
            </li>
            <li>
                <a class="nav-link active" href="timetable.html">View
Full Time Table<span class="sr-only">(current)</span></a>
            </li>
        </ul>
        <form class="form-inline my-2 my-lg-0" id='searchform'>
            <input class="form-control mr-sm-2" type="search"
placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
            <datalist id="allcourse">
                </datalist>
                <button class="btn btn-outline-success my-2 my-sm-0"
type="submit">Search</button>
            </form>
        </div>
    </nav>

    <h1>Manage Class</h1>
    <div>
        <table id="classlist" class="table table-success">
            </table>
    </div>

    <h1>Add Class</h1>
    <div>
        <table>
            <tr>

```

```

<td>Intake: </td>
<td><select id="Intake"></select></td>
</tr>
<tr>
    <td>Course :</td>
    <td>
        <select id="course">
            </select>
    </td>
</tr>
<tr>
    <td>Class ID: </td>
    <td><input type="text" name="classID" id="classID"></td>
</tr>
<tr>
    <td>Current Semester: </td>
    <td>
        <select id='current_sem'>
            </select>
    </td>
</tr>
<tr>
    <td>Student Amount: </td>
    <td><input type="number" name="studentamount"
id="studentamount"></td>
</tr>
<tr>
    <td></td>
    <td><button type="button" class="btn btn-info"
onclick="add()">Add</button></td>
</tr>
</table>
</div>

<!-- Optional JavaScript -->
<script type="text/javascript" src="searchbar.js"></script>
<script type="text/javascript">
    window.onload = checkuser();
    window.onload = checkRight();
    window.onload = getCourse();
    window.onload = getsem();
    window.onload = getClasstable();
    window.onload = getintake();
</script>
<!-- jQuery first, then Popper.js, then Bootstrap JS -->

```

```
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIiy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script></body>
</html>
```

### 6.1.22.2 Manageclass.js

```
function getCourse(){
    var course = document.getElementById('course');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            course.innerHTML = this.responseText;
        }
    }

    xhttp.open("GET", "getcourse.php", true);
    xhttp.send();
}

function getsem(){
    var sem = document.getElementById('current_sem');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            sem.innerHTML = this.responseText;
        }
    }

    xhttp.open("GET", "getsem.php", true);
    xhttp.send();
}

function add(){
    var course = document.getElementById('course').value;
    var classID = document.getElementById('classID').value;
    var studentamount = document.getElementById('studentamount').value;
    var intake = document.getElementById('Intake').value;
    var sem = document.getElementById('current_sem').value;

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            alert(this.responseText);
        }
    }
}
```

```

        getClassstable();
    }
}

 xhttp.open("GET", "addclass.php?course=" + course + "&classID=" + classID +
"&studentamount=" + studentamount + "&intake=" + intake + "&sem=" + sem, true);
 xhttp.send();
}

function getClassstable(){
    var table = document.getElementById('classlist');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            table.innerHTML = this.responseText;
        }
    }

    xhttp.open("GET", "showclasslist.php", true);
    xhttp.send();
}

function Edit(id){
    location.href = "editclassinfo.html?id=" + id;
}

function getIntake(){
    var intake = document.getElementById('Intake');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            intake.innerHTML = this.responseText;
        }
    }

    xhttp.open("GET", "intakeselection.php", true);
    xhttp.send();
}

function Delete(id){
    var xhttp = new XMLHttpRequest();

```

```
xhttp.onreadystatechange = function(){

    if(this.readyState == 4 && this.status == 200){
        alert(this.responseText);
        getClasstable();
    }
}

xhttp.open("GET", "deleteclass.php?id=" + id, true);
xhttp.send();
}

function Drop(id){
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            alert(this.responseText);
            getClasstable();
        }
    }

    xhttp.open("GET", "forcedrop.php?id=" + id, true);
    xhttp.send();
}
```

### 6.1.23 Edit Class Page

#### 6.1.23.1 Editclassinfo.html

```
<!DOCTYPE html>
<html lang="en">
    <head>
        <!-- Required meta tags -->
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">
        <title>Edit Class Info</title>

        <!-- Bootstrap CSS -->
        <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
integrity="sha384-
ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
crossorigin="anonymous">
        <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
        <script type="text/javascript" src="checkuser.js"></script>
    </head>
    <body>
        <!-- top nav -->
        <div class="Title" style="display: inline-block;">
            <h1 class="SystemName" style="float: left;">Classroom Timetable
System</h1>
        </div>
        <div style="float: right;padding-right: 20px" id="loginStatus">
            <a href="login.html">Login</a>
        </div>

        <nav class="navbar navbar-expand-lg navbar-light bg-light">
            <a class="navbar-brand" href="homepage.html">HomePage</a>
            <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
                <span class="navbar-toggler-icon"></span>
            </button>

            <div class="collapse navbar-collapse" id="navbarSupportedContent">
                <ul class="navbar-nav mr-auto" id="topnav">
                    <li class="nav-item">
                        <a class="nav-link" href="homepage.html">Home</a>
                    </li>
                    <li>
```

```

        <a class="nav-link active" href="timetable.html">View
Full Time Table<span class="sr-only">(current)</span></a>
        </li>
    </ul>
    <form class="form-inline my-2 my-lg-0" id='searchform'>
        <input class="form-control mr-sm-2" type="search"
placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
        <datalist id="allcourse">

            </datalist>
        <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>
    </form>
</div>
</nav>

<h1>Edit Class Info</h1>
<table id="classinfo">

</table>

<!-- Optional JavaScript -->
<script type="text/javascript" src="searchbar.js"></script>
<script type="text/javascript" src="editclassinfo.js"></script>
<script type="text/javascript">
    window.onload = checkuser();
    window.onload = checkRight();
    window.onload = getClassInfo();
</script>
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"
integrity="sha384-q8i/X+965DzO0rT7abK4JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-J3tSClP5L/2J2q5k8XZUkQ9JYX9oJqZD8hZPwWZJmDyXJZD2uqCZB1cZLXoNzLWZD"
crossorigin="anonymous"></script></body>
</html>

```



### 6.1.23.2 Editclassinfo.js

```
var data = [];
var data1 = [];

function getClassFromURL(){
    var queryString = decodeURIComponent(window.location.search);
    queryString = queryString.substring(1);
    var queries = queryString.split("&");

    for (var i = 0; i < queries.length; i++)
    {
        data[i] = queries[i].split("=");
    }

    for (var i = 0; i < data.length; i++)
    {
        var      text = data[i].toString();

        text = text.substring(text.indexOf(",") + 1);
        data1[i] = text;
    }
    return data1[0];
}

function getClassinfo(){
    var table = document.getElementById('classinfo');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            table.innerHTML = this.responseText;
        }
    }

    xhttp.open("GET", "showclassinfo.php?id=" + getClassFromURL(), true);
    xhttp.send();
}

function Update(){
    var id = document.getElementById('id').innerHTML;
    var classid = document.getElementById('classid').value;
    var studentamount = document.getElementById('studentamount').value;
    var courseid = document.getElementById('courseid').value;
    var currentsem = document.getElementById('currentsem').value;
```

```

var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function(){

    if(this.readyState == 4 && this.status == 200){
        alert(this.responseText);
        location.reload();
        window.location.href = "manageClass.html";
    }
}

xhttp.open("GET", "updateclassinfo.php?id=" + id + "&classid=" + classid +
"&studentamount=" + studentamount + "&courseid=" + courseid + "&currentsem=" +
currentsem, true);
xhttp.send();
}

function updatestudent(id){
    var studentamount = document.getElementById('studentamount').value;

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            alert(this.responseText);
            location.reload();
            window.location.href = "manageClass.html";
        }
    }

    xhttp.open("GET", "updatestudentamount.php?id=" +
id+"&studentamount="+studentamount, true);
    xhttp.send();
}

function updatesem(id){
    var currentsem = document.getElementById('currentsem').value;

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){

        if(this.readyState == 4 && this.status == 200){
            alert(this.responseText);
            location.reload();
        }
    }
}

```

```

        window.location.href = "manageClass.html";
    }
}

 xhttp.open("GET", "updatesem.php?id=" + id+"&currentsem="+currentsem, true);
 xhttp.send();
}

```

### **6.1.24 Admin Modify Timetable Page**

#### **6.1.24.1 Adminedittimetable.html**

```

<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Admin Timetable</title>

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
        crossorigin="anonymous">
        <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
        <link rel="stylesheet" href="timetable.css">
        <link rel="stylesheet" href="registertimetable.css">
        <link
            href="https://fonts.googleapis.com/css?family=Roboto:300,300i,400,400i,500,500i,700,700i"
            rel="stylesheet">
            <link href="https://fonts.googleapis.com/icon?family=Material+Icons"
            rel="stylesheet">
            <link rel="stylesheet" type="text/css"
            href="https://daemonite.github.io/material/css/material.min.css">
            <script type="text/javascript"
            src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
            <link rel="stylesheet" href="timetable.css">
            <link rel="stylesheet" href="registertimetable.css">
            <script type="text/javascript" src="adminedittimetable.js"></script>
            <script type="text/javascript" src="checkuser.js"></script>

            <link rel="stylesheet" type="text/css" href="table.css">
</head>

<!-- top nav -->

```

```

<div class="Title" style="display: inline-block;">
    <h1 class="SystemName" style="float: left;">Classroom Timetable System</h1>

</div>
<div style="float: right; padding-right: 20px" id="loginStatus">
    <a href="login.html">Login</a>
</div>

<nav class="navbar navbar-expand-lg navbar-light bg-light">
    <a class="navbar-brand" href="homepage.html">HomePage</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarSupportedContent">
        <ul class="navbar-nav mr-auto" id="topnav">
            <li class="nav-item">
                <a class="nav-link" href="homepage.html">Home</a>
            </li>
            <li>
                <a class="nav-link active" href="timetable.html">View Full Time Table<span class="sr-only" style="font-size: small;">(current)</span></a>
            </li>
        </ul>
        <form class="form-inline my-2 my-lg-0" id='searchform'>
            <input class="form-control mr-sm-2" type="search" placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
            <datalist id="allcourse">
            </datalist>
            <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>
        </form>
    </div>
</nav>

<body>

<div>
    <h1 style="display: inline;">Time Table</h1>
    <button id="left" style="margin-left: 14%;" onclick="back()"><</button>
    <h1 id="Weekdays" data-weekdays="Monday" style="display: inline; margin-left: 10%;">Monday</h1>
        <input type="date" name="datepicker" id="picker" onchange="getChangeddate()">
        <button id="right" style="margin-left: 10%;" onclick="next()">></button>
</div>

```

```

        </div>

        <table id="timetable" style="font-size: 80%" >

        </table>
        <br>
        <button type="button" class="btn btn-success btn-lg|sm btn-block" data-
        toggle="modal" data-target="#exampleModalCenter1">Create One Time Class</button>
        <button type="button" class="btn btn-info btn-lg|sm btn-block"
        onclick="insert()">Submit</button>
        <button type="button" class="btn btn-danger btn-lg|sm btn-block" data-
        toggle="modal" data-target="#exampleModalCenter">Reset Timetable</button>
        <br>

        <h1>Drag and Drop selection</h1>
        <div id="draganddrop">

        </div>

        <!-- Modal -->
        <div class="modal fade" id="exampleModalCenter" tabindex="-1" role="dialog"
        aria-labelledby="exampleModalCenterTitle" aria-hidden="true">
            <div class="modal-dialog modal-dialog-centered" role="document">
                <div class="modal-content" >
                    <div class="modal-header" >
                        <h5 class="modal-title" id="exampleModalLongTitle">Reset Timetable</h5>
                        <button type="button" class="close" data-
                        dismiss="modal" aria-label="Close">
                            <span aria-hidden="true">&times;</span>
                        </button>
                    </div>
                    <div class="modal-body" >
                        Are you sure want to reset Timetable? It cant be undo
                    </div>
                    <div class="modal-footer" >
                        <button type="button" class="btn btn-secondary" data-
                        dismiss="modal">Cancel</button>
                        <button type="button" class="btn btn-primary"
                        onclick="resetTimetable()">Confirm</button>
                    </div>
                </div>
            </div>
        </div>

        <!-- Modal -->

```

```

<div class="modal fade" id="exampleModalCenter1" tabindex="-1" role="dialog"
aria-labelledby="exampleModalCenterTitle" aria-hidden="true">
    <div class="modal-dialog modal-dialog-centered" role="document">
        <div class="modal-content">
            <div class="modal-header">
                <h5 class="modal-title">
                    id="exampleModalLongTitle">Create One Time Class</h5>
                <button type="button" class="close" data-
dismiss="modal" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
            </div>
            <div class="modal-body">

                <p>Course/Title: </p>
                <input type="text" name="course" id="onecourse"
style="width: 350px;">
                <p>Duration: </p>
                <input type="number" name="duration"
id="oneduration" style="width: 350px;">

            </div>
            <div class="modal-footer">
                <button type="button" class="btn btn-secondary" data-
dismiss="modal">Cancel</button>
                <button type="button" class="btn btn-primary" data-
dismiss="modal" onclick="createonetimetimeclass()">Add</button>
            </div>
        </div>
    </div>
</div>

```

```

<!-- Optional JavaScript -->
<script type="text/javascript" src="searchbar.js"></script>
<script type="text/javascript">
    window.onload = getCurrentDate();
    window.onload = gettable();
    window.onload = checkuser();
    window.onload = checkAdmin();
</script>
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>

```

```
<script  
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"  
integrity="sha384-  
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"  
crossorigin="anonymous"></script>  
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"  
integrity="sha384-  
JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"  
crossorigin="anonymous"></script></body>  
</html>
```

#### 6.1.24.2 Adminedittimetable.js

```
function gettable(){
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            document.getElementById('timetable').innerHTML =
this.responseText;
            checktable();
            getTimetable();
        }
    }
    xhttp.open("GET","table.php", true);
    xhttp.send();
}

function getSelection(){
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            document.getElementById('draganddrop').innerHTML =
this.responseText;
        }
    }
    xhttp.open("GET","getSelectionDndReplaceAdmin.php", true);
    xhttp.send();
}

function allowDrop(ev) {
    ev.preventDefault();
}

var drag_td1;
var drag_tr;
var drag_colSpan;

function drag(ev) {
    ev.dataTransfer.setData("text", ev.target.id);
    var data = ev.dataTransfer.getData("text");
    drag_td1 = ev.target.parentElement;
    var tr1 = drag_td1.parentElement.id;
    drag_tr = document.getElementById(tr1);
    var myid = document.getElementById(data);
    var duration = document.getElementById(data).getAttribute("data-duration");
```

```

drag_colSpan = 0;
while(duration >= 30){
    duration -=30;
    drag_colSpan++;
}
}

function resetColspan(drag_td1,drag_tr,drag_colSpan){//MouseOut
    td1 = drag_td1;
    tr = drag_tr;
    colSpan = drag_colSpan;
    if (td1 != null) {
        td1.colSpan = "1";
    }
    if (tr != null) {
        for (var i = 0; i <= tr.cells.length; i++) {
            if(tr.cells[i] == td1) {
                for (var l=i,c=0; c <=colSpan-2; i++,c++) {
                    tr.insertCell(l+1);
                    tr.cells[l+1].setAttribute("ondrop","drop(event)");
                    tr.cells[l+1].setAttribute("ondragover","allowDrop(event)");
                }
            }
        }
        removeMouseOut(tr);
    }
}

function removeMouseOut(tr){
    tr.removeEventListener("mouseout",resetColspan());
}

function drop(ev) {
    var empty = 0;
    if (ev.target.hasChildNodes()) {

    }
    else{
        ev.preventDefault();
        var data = ev.dataTransfer.getData("text");
        var myid = document.getElementById(data);
        var duration = document.getElementById(data).getAttribute("data-duration");
        var studentAmount = document.getElementById(data).getAttribute("data-
student");
        document.getElementById(data).style.width = "100%";
        var colSpan = 0;
    }
}

```

```

while(duration >= 30){
    duration -=30;
    colSpan++;
}
var countcolSpan = colSpan;
var tr1 = ev.target.parentElement.id;
var tr = document.getElementById(tr1);
for (var i = 0; i <= tr.cells.length; i++) {
    if(tr.cells[i] == ev.target) {
        for (var j = i,k = 0; k < countcolSpan; j++,k++) {
            if (tr.cells[j].textContent.length != 0) {
                var whatthis = tr.cells[j].firstElementChild;
                if (tr.cells[j].firstElementChild == myid) {
                    countcolSpan = countcolSpan-
tr.cells[j].colSpan-2;
                }else{
                    empty = 1;
                }
            }
        }
    }
}
var count = tr.cells.length - ev.target.cellIndex - colSpan;
if (count < 0 || empty == 1) {
    alert('not allow');
}else{
    if (tr.cells[1].innerHTML < studentAmount) {
        alert("Warnning: this Class Capacity is not fill your course
student Amount("+studentAmount+"));
    }
    ev.target.colSpan = colSpan;

    if (drag_tr != null) {

tr.addEventListener("mouseout",resetColspan(drag_td1,drag_tr,drag_colSpan));
}

for (var i = 0; i <= tr.cells.length; i++) {
    if(tr.cells[i] == ev.target) {
        for (var l=i,c=0; c <=colSpan-2; i++,c++) {
            tr.deleteCell(l+1);
        }
    }
}

checkable();

```

```

        ev.target.appendChild(myid);
    }
    checktable();
}
}

function insert(){
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    var currentDate = date.toISOString().slice(0,10);
    var table = document.getElementById('timetable');
    var rows = table.rows;
    var cells;
    var cell;
    var weekday = document.getElementById('Weekdays');
    var day = weekday.getAttribute("data-weekdays");

    for (var r = 1; r < rows.length ; r++){
        cells = rows[r].cells;
        for (var c= 5; c < cells.length; c++) {
            cell = cells[c];
            if (cell.innerHTML.length != 0) {
                var starttime = cells[c].getAttribute("data-time");
                var endtime = cells[c].getAttribute("data-endtime");
                var classes = rows[r].id;
                var time = cells[c].colSpan * 30;
                var div = cell.children;
                var thisdivid = div[0].id;
                var course =
document.getElementById(thisdivid).getAttribute('data-course');
                var classid =
document.getElementById(thisdivid).getAttribute('data-class');
                var requestID =
document.getElementById(thisdivid).getAttribute('data-requestid');
                var subject =
document.getElementById(thisdivid).getAttribute('data-subject');
                var onetimeclass =
document.getElementById(thisdivid).getAttribute("data-onetimeclass");
                var hour = 0;

                while(time >= 60){
                    time -= 60;
                    hour++;
                }
            }
        }
    }
}

```

```

        var duration = hour + " hours " + time + " mins";

        if (requestID != null) {
            var xhttp = new XMLHttpRequest();

            xhttp.onreadystatechange = function(){
                if(this.readyState == 4 && this.status == 200){
                    alert(this.responseText);
                    gettable();
                }
            }

            xhttp.open("GET","replaceclass.php?classroomID=" +
            classes + "&starttime=" + starttime + "&endtime=" + endtime + "&duration=" + duration +
            "&course=" + course + "&weekday=" + day + "&date=" + currentDate + "&requestID=" +
            requestID + "&classid=" + classid + "&subject=" + subject, true);
            xhttp.send();
        }else if (onetimaclass != null) {
            var xhttp = new XMLHttpRequest();

            xhttp.onreadystatechange = function(){
                if(this.readyState == 4 && this.status == 200){
                    alert(this.responseText);
                    location.reload();
                }
            }

            xhttp.open("GET","replaceclass.php?classroomID=" +
            classes + "&starttime=" + starttime + "&endtime=" + endtime + "&duration=" + duration +
            "&weekday=" + day + "&date=" + currentDate + "&subject=" + subject +
            +"&onetimaclass=true&course=onetimaclass&classid=onetimaclass", true);
            xhttp.send();
        }
    }

    function checktable(){
        var table = document.getElementById('timetable');
        var rows = table.rows;
        var cells;
        var cell;
        var weekday = document.getElementById('Weekdays');
        var day = weekday.getAttribute("data-weekdays");
    }
}

```

```

for (var r = 1; r < rows.length ; r++){
    cells = rows[r].cells;
    for (var c= 5; c < cells.length; c++) {
        var classes = rows[r].id;
        var starttime = cells[c].getAttribute("data-time");
        var endtime = cells[c].getAttribute("data-endtime");
        cell = cells[c];
        if(c == 5){
            cell.setAttribute("data-time","0830");
        }
        if (cell.colSpan != '1') {
            var time = cell.colSpan * 30;
            var testing = cell.getAttribute("data-time");
            var hour = testing.substring(0,2);
            var min = testing.substring(2,4);
            var hour1 = time/60;
            var min1 = time%60;
            var hour2 = parseInt(hour) + parseInt(hour1);
            if ((hour2.toString()).length != 2) {
                hour2 = "0"+hour2.toString();
            }
            min2 = parseInt(min) + parseInt(min1);
            if (min2 >= 60) {
                min2-=60;
                hour2++;
            }
            if ((min2.toString()).length!=2) {
                min2 = min2.toString() + "0";
            }
            var value = hour2.toString() + min2.toString();
            cells[c].setAttribute("data-endtime",value);
            var i = c + 1;
            if (cells[i] != null) {
                cells[i].setAttribute("data-time",value);
            }
        }
    else{
        var testing = cell.getAttribute("data-time");
        var time = parseInt(testing);
        var hour = testing.substring(0,2);
        var min = testing.substring(2,4);
        var min1 = parseInt(min)+30;
        if (min1 >= 60) {
            min1 -=60;
            hour++;
        }
    }
}

```

```

        if (min1 == "0") {
            min1 ="00";
        }
        if ((hour.toString()).length!=2) {
            hour = "0"+hour.toString();
        }
        var value = hour.toString() + min1.toString();
        cells[c].setAttribute("data-endtime",value);
        var i = c + 1;
        if (cells[i] != null) {
            cells[i].setAttribute("data-time",value);
        }
    }
}
rightclick();
}

function getTimetable(){
    var table = document.getElementById('timetable');
    var rows = table.rows;
    var cells;
    var cell;
    var weekday = document.getElementById('Weekdays');
    var day = weekday.getAttribute("data-weekdays");

    for (var r = 1; r < rows.length ; r++){
        cells = rows[r].cells;
        for (var c= 5; c < cells.length; c++) {
            cell = cells[c];
            var starttime = cells[c].getAttribute("data-time");
            var endtime = cells[c].getAttribute("data-endtime");
            var classes = rows[r].id;

            getreturn(table,rows[r],cell,classes,starttime,day);

        }
    }
}

function getreturn(Table,Row,Cell,Classes,Starttime,Weekday){
    var table = Table;
    var row = Row;
    var cell = Cell;
    var classes = Classes;
    var starttime = Starttime;
    var weekday = Weekday;
}

```

```

var picker = document.getElementById('picker');
var date = new Date(picker.value);
var currentDate = date.toISOString().slice(0,10);

var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function(){
    if(this.readyState == 4 && this.status == 200){
        if(this.responseText.trim() != 0){
            var tableArray = this.responseText.split(",");
            var subject = tableArray[0];
            var duration = tableArray[1]
            var Lecturer = tableArray[2];
            var classid = tableArray[4];
            var thisstarttime = tableArray[3];
            var course = tableArray[5];
            var hour = duration.substring(0,1);
            var min = duration.substring(7,10);
            hour = hour * 60;

            var colSpan1 = parseInt(hour) + parseInt(min);
            var colSpan = 0;
            while(colSpan1 >= 30){
                colSpan1-=30;
                colSpan++;
            }
            /////
            for (var c = 5; c <= row.cells.length-1; c++) {
                if ( row.cells[c].getAttribute("data-time") != null) {
                    var cellstarttime = row.cells[c].getAttribute("data-
time");
                }
                if (cellstarttime == thisstarttime) {
                    cell = row.cells[c];
                    cell.colSpan = colSpan;
                    cell.style.backgroundColor = "yellow";
                    cell.style.textAlign = "center";
                    if (subject.includes('Replacement') ||
subject.includes('New')) {

                        }else{
                            cell.classList.add('jumbotron');
                        }
                    cell.innerHTML = "<div data-status='registered' id='"+
subject +" data-class='"++classid+"'" data-course=""'+course+"">" + subject
+"<br>"+classid+"<br>"+Lecturer+"</div>";

```

```

        for (var i = 0; i <=colSpan-2; i++) {
            row.deleteCell(-1);
        }
        checkable();
        break;
    }
}
}

xhttp.open("GET","gettimetetable.php?classroomID=" + classes + "&starttime=" + starttime +
"&weekday=" + weekday + "&date=" + currentDate, true);
xhttp.send();

}

function back(){
    var weekday = document.getElementById('Weekdays');
    var day = weekday.getAttribute("data-weekdays");
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    date = date.addDays(-1);
    var currentDate = date.toISOString().slice(0,10);
    picker.value = currentDate;

    if (day == "Monday") {
        weekday.setAttribute("data-weekdays","Sunday");
        weekday.innerHTML = "Sunday";
    }else if (day == "Tuesday") {
        weekday.setAttribute("data-weekdays","Monday");
        weekday.innerHTML = "Monday";
    }else if(day == "Wednesday") {
        weekday.setAttribute("data-weekdays","Tuesday");
        weekday.innerHTML = "Tuesday";
    }else if(day == "Thursday"){
        weekday.setAttribute("data-weekdays","Wednesday");
        weekday.innerHTML = "Wednesday";
    }else if(day == "Friday"){
        weekday.setAttribute("data-weekdays","Thursday");
        weekday.innerHTML = "Thursday";
    }else if (day == "Saturday") {
        weekday.setAttribute("data-weekdays","Friday");
        weekday.innerHTML = "Friday";
    }
    else if (day == "Sunday") {
        weekday.setAttribute("data-weekdays","Saturday");
        weekday.innerHTML = "Saturday";
    }
}

```

```

        }
        gettable();
        getSelection();
    }

function next(){
    var weekday = document.getElementById('Weekdays');
    var day = weekday.getAttribute("data-weekdays");
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    date = date.addDays(1);
    var currentDate = date.toISOString().slice(0,10);
    picker.value = currentDate;

    if (day == "Monday") {
        weekday.setAttribute("data-weekdays","Tuesday");
        weekday.innerHTML = "Tuesday";
    }else if (day == "Tuesday") {
        weekday.setAttribute("data-weekdays","Wednesday");
        weekday.innerHTML = "Wednesday";
    }else if(day == "Wednesday") {
        weekday.setAttribute("data-weekdays","Thursday");
        weekday.innerHTML = "Thursday";
    }else if(day == "Thursday"){
        weekday.setAttribute("data-weekdays","Friday");
        weekday.innerHTML = "Friday";
    }else if(day == "Friday"){
        weekday.setAttribute("data-weekdays","Saturday");
        weekday.innerHTML = "Saturday";
    }else if (day == "Saturday") {
        weekday.setAttribute("data-weekdays","Sunday");
        weekday.innerHTML = "Sunday";
    }
    else if (day == "Sunday") {
        weekday.setAttribute("data-weekdays","Monday");
        weekday.innerHTML = "Monday";
    }
    gettable();
    getSelection();
}

function getCurrentDate(){
    var picker = document.getElementById('picker');
    var date = new Date();
    var tzoffset = (new Date()).getTimezoneOffset() * 60000;
    var currentDate = (new Date(Date.now() - tzoffset)).toISOString().slice(0,10);
    picker.value = currentDate;
}

```

```

var days = ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday",
"Saturday"];

var weekday = document.getElementById('Weekdays');
weekday.setAttribute("data-weekdays",days[date.getDay()])
weekday.innerHTML = days[date.getDay()];
}

function getChangeddate(){
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    var currentDate = date.toISOString().slice(0,10);
    picker.value = currentDate;

    var days = ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday",
"Saturday"];

    var weekday = document.getElementById('Weekdays');
    weekday.setAttribute("data-weekdays",days[date.getDay()])
    weekday.innerHTML = days[date.getDay()];
    gettable();
}

Date.prototype.addDays = function(days) {
    var date = new Date(this.valueOf());
    date.setDate(date.getDate() + days);
    return date;
}

function rightclick(ev){

    $('.jumbotron').on('contextmenu', function(e) {
        var element = e.target;
        if (element.tagName = "DIV") {
            element = element.parentElement;
        }
        var classes = element.parentElement.id;
        var starttime = element.getAttribute('data-time');
        var endtime = element.getAttribute('data-endtime');
        var duration1 = element.colSpan;
        var duration = duration1 * 30;
        var thisdiv = element.children[0];
        var subject = thisdiv.id;
        var classid = thisdiv.getAttribute('data-class');
        var course = thisdiv.getAttribute('data-course');
        createelement(classes,subject,starttime,endtime,duration,classid,course);
    })
}

```

```

        var top = e.pageY ;
        var left = e.pageX ;
        $("#context-menu").css({
            display: "block",
            top: top,
            left: left
        }).addClass("show");
        return false; //blocks default Webbrowser right click menu
    })

    $("body").on("click", function(event) {
        $("#context-menu").removeClass("show").hide();
        $("#context-menu").remove();
    });

    $("#context-menu a").on("click", function() {
        $(this).parent().removeClass("show").hide();
        getSelection();
    });
}

var aclassid;
var acourse;
var asubject;

function createelement(Classes,subject,Starttime,Endtime,Duration,classid,course){
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    var currentDate = date.toISOString().slice(0,10);
    var weekday = document.getElementById('Weekdays');
    weekday = weekday.getAttribute("data-weekdays");
    var classes = Classes;
    var starttime = Starttime.toString();
    var endtime = Endtime;
    var subject = subject.trim();
    aclassid = classid;
    acourse = course;
    asubject = subject;
    var duration = Duration;

    var jumbotron = document.createElement('DIV');
    jumbotron.id = "menu";
    jumbotron.innerHTML = "<div class='dropdown-menu dropdown-menu-sm' id='context-menu'>" +
        "<a class='dropdown-item' id='cancelthisclass' onclick='cancelThisClass("+classes+","+starttime+","+endtime+","+duration+)">Cancel This Class</a>" +

```

```

    // "<a class='dropdown-item' id='cancelthisclass'
    onclick='cancelThisClass(109,CCD001(Replacement)(Replacement),0900,1200,180)'>Cancel This Class</a>" +
    "<a class='dropdown-item' id='link'
    onclick='removeAllTime("+classes+","+starttime+","+endtime+","+duration+")'>Remove Class (All Time)</a>" +
    "</div>";
    document.body.appendChild(jumbotron);

}

function cancelThisClass(classes,starttime,endtime,duration){
    var weekday = document.getElementById('Weekdays');
    weekday = weekday.getAttribute("data-weekdays");
    if (starttime.toString().length == 3) {
        starttime = "0" + starttime;
    }
    if (endtime.toString().length == 3) {
        endtime = "0" + endtime;
    }
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    var currentDate = date.toISOString().slice(0,10);

    var subject = asubject;
    var hours = (duration / 60);
    var rhours = Math.floor(hours);
    var minutes = (hours - rhours) * 60;
    var rminutes = Math.round(minutes);
    var duration1 = rhours + " hours " + rminutes + " mins";
    var classid = aclassid;
    var course = acourse;

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            alert(this.responseText);
            getSelection();
            gettable();
        }
    }
    // window.open("admincancelclass.php?classroomID="+ classes +"&course=" +
    course +"&starttime="+starttime+"&endtime="+endtime+"&weekday=" + weekday
    +"&date="+currentDate +"&duration="+duration+"&duration1="+duration1);
    xhttp.open("GET","admincancelclass.php?classroomID="+ classes +"&subject=" +
    subject +"&starttime="+starttime+"&endtime="+endtime+"&weekday=" + weekday

```

```

+"&date="+currentDate
+"&duration="+duration+"&duration1="+duration1+"&classid="+classid+"&course="
+course, true);
    xhttp.send();
}

function removeAllTime(classes,starttime,endtime,duration){
    var weekday = document.getElementById('Weekdays');
    weekday = weekday.getAttribute("data-weekdays");
    if (starttime.toString().length == 3) {
        starttime = "0" + starttime;
    }
    var picker = document.getElementById('picker');
    var date = new Date(picker.value);
    var currentDate = date.toISOString().slice(0,10);
    var hours = (duration / 60);
    var rhours = Math.floor(hours);
    var minutes = (hours - rhours) * 60;
    var rminutes = Math.round(minutes);
    var duration1 = rhours + " hours " + rminutes + " mins";
    var classid = aclassid;
    var course = acourse;
    var subject = asubject;

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            alert(this.responseText);
            getSelection();
            gettable();
        }
    }
    xhttp.open("GET","adminremovecoursetimetable.php?classroomID="+ classes
+"&subject=" + subject +"&starttime=" + starttime + "&endtime=" + endtime + "&weekday=" +
weekday + "&date=" + currentDate
+"&duration=" + duration + "&duration1=" + duration1 + "&classid=" + classid + "&course=" + cour
se, true);
    xhttp.send();
}

function resetTimetable(){
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            alert(this.responseText);
        }
    }
}

```

```

        location.reload();
    }
}
 xhttp.open("GET", "adminresettimetable.php", true);
 xhttp.send();
}

$(window).bind("pageshow", function() {
    window.onload = getCurrentDate();
});

var classcount = 1;

function createonetimelass(){
    var dragndrop = document.getElementById('draganddrop');

    var title = document.getElementById('onecourse').value;
    var duration = document.getElementById('oneduration').value;

    if (title.trim() == "") {
        alert('Course or Title must be filled')
    }
    else if (duration % 30 != 0 || duration.trim() == "") {
        alert('duration must be 30,60,90,etc...');
    }
    else if(title.indexOf(' ') > 0){
        alert('Couse or Title Not Allow Spacing')
    }
    else{
        var selection = document.createElement('DIV');
        selection.id = "onetimelass"+classcount;
        selection.classList.add("w3-tag","w3-padding","w3-round-large","w3-orange","w3-center");
        selection.setAttribute('draggable',true);
        selection.setAttribute('ondragstart','drag(event)');
        selection.setAttribute('data-duration',duration);
        selection.setAttribute('data-subject',title);
        selection.setAttribute('data-onetimelass','true');
        selection.innerHTML = title + "<br>Admin";

        dragndrop.appendChild(selection);
        classcount++;
    }
}

$(window).bind("pageshow", function() {
    window.onload = getCurrentDate();
}

```

```
});  
  
window.onload = getSelection();
```

### 6.1.25 Manage User Page

#### 6.1.25.1 Adduser.html

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
    <!-- Required meta tags -->  
    <meta charset="utf-8">  
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">  
    <title>Manage User</title>  
  
    <!-- Bootstrap CSS -->  
    <link rel="stylesheet"  
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"  
        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"  
        crossorigin="anonymous">  
  
    <script type="text/javascript" src="checkuser.js"></script>  
</head>  
<body>  
    <!-- top nav -->  
    <div class="Title" style="display: inline-block;">  
        <h1 class="SystemName" style="float: left;">Classroom Timetable  
        System</h1>  
  
    </div>  
    <div style="float: right; padding-right: 20px" id="loginStatus">  
        <a href="login.html">Login</a>  
    </div>  
  
    <nav class="navbar navbar-expand-lg navbar-light bg-light">  
        <a class="navbar-brand" href="homepage.html">HomePage</a>  
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">  
            <span class="navbar-toggler-icon"></span>  
        </button>  
  
        <div class="collapse navbar-collapse" id="navbarSupportedContent">  
            <ul class="navbar-nav mr-auto" id="topnav">  
                <li class="nav-item">
```

```

        <a class="nav-link" href="homepage.html">Home</a>
    </li>
    <li>
        <a class="nav-link active" href="timetable.html">View
Full Time Table<span class="sr-only">(current)</span></a>
    </li>
</ul>
<form class="form-inline my-2 my-lg-0" id='searchform'>
    <input class="form-control mr-sm-2" type="search"
placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
        <datalist id="allcourse">
        </datalist>
        <button class="btn btn-outline-success my-2 my-sm-0"
type="submit">Search</button>
    </form>
</div>
</nav>

<div>
    <h1>User List</h1>
    <table class="table table-dark table-striped" id="usertable">
        </table>
</div>

<!-- Button trigger modal -->
<button type="button" class="btn btn-primary" data-toggle="modal" data-
target="#exampleModalCenter">
    Send invite Link.
</button>

<!-- Modal -->
<div class="modal fade" id="exampleModalCenter" tabindex="-1" role="dialog"
aria-labelledby="exampleModalCenterTitle" aria-hidden="true">
    <div class="modal-dialog modal-dialog-centered" role="document">
        <div class="modal-content text-center">
            <div class="modal-header">
                <h5 class="modal-title"
id="exampleModalLongTitle">Invite New User</h5>
                <button type="button" class="close" data-
dismiss="modal" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
            </div>
            <div class="modal-body">
                <table class="table">
                    <tr>

```

```

<td>Email</td>
<td><input type="email"
name="email" id='email' style="width: 300px;"></td>
</tr>
<tr>
<td>Invite Link</td>
<td><input type="text"
name="invitelink" id="invitelink" style="width: 300px;" disabled></td>
</tr>
</table>
<button type="button" class="btn btn-primary"
onclick='createrandomURL()'>Create Invite Link</button>
</div>
<div class="modal-footer">
<button type="button" class="btn btn-secondary" data-
dismiss="modal">Close</button>
<button type="button" class="btn btn-primary"
onclick="send()">Send</button>
</div>
</div>

<!-- Optional JavaScript -->
<script type="text/javascript" src="adduser.js"></script>
<script type="text/javascript" src="searchbar.js"></script>
<script type="text/javascript">
    window.onload = checkuser();
    window.onload = checkAdmin();
</script>
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIlly6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script></body>
</html>

```

### 6.1.25.2 Adduser.js

```
function getdata(){
    var table = document.getElementById('usertable');

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            table.innerHTML = this.responseText;
        }
    }

    xhttp.open("GET","showuser.php", true);
    xhttp.send();
}

var id;

function createrandomURL(){
    var random = 'xxxx-xxxx-xxxx'.replace(/[x]/g,function(){
        return(Math.random() * 9 | 0).toString();
    })
    var url = "http://localhost/finalProject/register.html?id=" + random;

    document.getElementById('invitelink').value = url;
    id=random;
}

function send(){

    var email = document.getElementById('email').value;
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            if (this.responseText.includes('Email sent successfully')) {
                alert("Email sent successfully");
            }else{
                alert("Error while sending Email.");
            }
            location.reload();
        }
    }

    xhttp.open("GET","sendmail.php?email="+email+"&id="+id, true);
    xhttp.send();
}
```

```
function deleteUser(button){  
    var td = button.parentElement;  
    var tr = td.parentElement;  
    var userName = tr.children[1].id;  
  
    var xhttp = new XMLHttpRequest();  
  
    xhttp.onreadystatechange = function(){  
        if(this.readyState == 4 && this.status == 200){  
            alert(this.responseText);  
            location.reload();  
        }  
    }  
  
    xhttp.open("GET","deleteuser.php?userName="+userName, true);  
    xhttp.send();  
}  
window.onload = getdata();
```

## 6.1.26 Show Request Page

### 6.1.26.1 Showrequest.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Show request</title>

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
        crossorigin="anonymous">
        <script type="text/javascript" src="showrequest.js"></script>
        <link rel="stylesheet" type="text/css" href="timetable.css">
        <script type="text/javascript" src="checkuser.js"></script>
</head>
<body>
    <!-- top nav -->
    <div class="Title" style="display: inline-block;">
        <h1 class="SystemName" style="float: left;">Classroom Timetable
        System</h1>
    </div>
    <div style="float: right; padding-right: 20px" id="loginStatus">
        <a href="login.html">Login</a>
    </div>

    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <a class="navbar-brand" href="homepage.html">HomePage</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>

        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav mr-auto" id="topnav">
                <li class="nav-item">
                    <a class="nav-link" href="homepage.html">Home</a>
                </li>
                <li>
```

```

        <a class="nav-link active" href="timetable.html">View
Full Time Table<span class="sr-only">(current)</span></a>
        </li>
    </ul>
    <form class="form-inline my-2 my-lg-0" id='searchform'>
        <input class="form-control mr-sm-2" type="search"
placeholder="Search" id="searchbar" aria-label="Search" list="allcourse">
        <datalist id="allcourse">
        </datalist>
        <button class="btn btn-outline-success my-2 my-sm-0"
type="submit">Search</button>
    </form>
</div>
</nav>

<h1>Show Rqeust</h1>

<table id="showdata" class="table table-hover table-bordered table-success table-striped">
</table>

<!-- Optional JavaScript -->
<script type="text/javascript" src="searchbar.js"></script>
<script type="text/javascript">
    window.onload = checkuser();
    window.onload = checkAdmin();
</script>
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzbzo5smXKp4YfRvH+8abTE1Pi6jizo"
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIiy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script></body>
</html>

```

### 6.1.26.2 Showrequest.js

```

function gettable(){
    var xhttp = new XMLHttpRequest();

```

```

 xhttp.onreadystatechange = function(){
    if(this.readyState == 4 && this.status == 200){
        if (this.responseText == "Only Admin can view request") {
            alert(this.responseText);
        }
        else{
            document.getElementById('showdata').innerHTML =
this.responseText;
        }
    }
}

 xhttp.open("GET","getrequest.php", true);
 xhttp.send();
}

function approve(element){

    var cell = element.parentElement;
    var row = cell.parentElement;

    var cells = row.cells;
    var requestID = cells[0].id;
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200){
            alert(this.responseText);
            gettable();
        }
    }
}

 xhttp.open("GET","approvecancel.php?requestID=" + requestID, true);
 xhttp.send();
}

function reject(element){
    var cell = element.parentElement;
    var row = cell.parentElement;

    var cells = row.cells;
    var requestID = cells[0].id;
    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function(){


```

```

        if(this.readyState == 4 && this.status == 200){
            alert(this.responseText);
            gettable();
        }
    }
    xhttp.open("GET","rejectcancel.php?requestID=" + requestID, true);
    xhttp.send();
}

window.onload = gettable();

```

## **6.2 Back-End (PHP)**

### **6.2.1 Conf.php**

```
<?php

$conn = mysqli_connect('localhost','root','','timetable');

if (mysqli_connect_errno()) {
    die('Cloud not connect: ' . mysqli_connect_error());
}

?>
```

### **6.2.2 Conf2.php**

```
<?php

$conn = mysqli_connect('localhost','root','','timetable');

if (mysqli_connect_errno()) {
    die('Cloud not connect: ' . mysqli_connect_error());
}

?>
```

### **6.2.3 Viewalltimetable.php**

```
<?php

include 'conf.php';

$sql = "SELECT DISTINCT Course FROM classroomtimetable WHERE Course NOT LIKE
'%Replacement'";

$result = mysqli_query($conn,$sql);
if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {
        echo $info['Course'].",";
    }
}
```

}

```
$conn->close();  
?>
```

#### **6.2.4 Timetableforcoursecancel.php**

```
<?php

include 'conf.php';

if (isset($_GET['classid'])) {
    $classid = $_GET['classid'];
} else{
    $classid = "%";
}

$array = [];

$sql = "SELECT classroomtimetable.* , user_table.Name FROM classroomtimetable INNER
JOIN user_table ON classroomtimetable.userName = user_table.userName WHERE
str_to_date(date,'%Y-%m-%d') >= CURRENT_DATE AND date IS not null AND
status='Canceled' AND class_ID LIKE ".$classid." ORDER BY weekDay ASC, startTime
ASC;";

$result = mysqli_query($conn,$sql);
if(mysqli_num_rows($result) > 0){
    while($info = mysqli_fetch_array($result)){
        array_push($array,$info['classroomID'].",".$info['Course'].",".$info['startTime'].",".$info['endTime'].",".$info['duration'].",".$info['weekDay'].",".$info['Name'].",".$info['date'].",".$info['subject_ID'].",".$info['class_ID']);
    }
}

if (count($array) != 0) {
echo json_encode($array);
}

$conn->close();
?>
```

#### **6.2.5 Timetableforcoursereplace.php**

```
<?php

include 'conf.php';

if (isset($_GET['classid'])) {
    $classid = $_GET['classid'];
} else{
    $classid = "%";
```

```

}

$array = [];

$sql = "SELECT classroomtimetable.* , user_table.Name FROM classroomtimetable INNER
JOIN user_table ON classroomtimetable.userName = user_table.userName WHERE
str_to_date(date, '%Y-%m-%d') >= CURRENT_DATE AND date IS not null AND
status='Registered' AND subject_ID LIKE '%(Replacement)%' AND class_ID LIKE
".$classid." ORDER BY weekDay ASC, startTime ASC;";

$result = mysqli_query($conn,$sql);
if(mysqli_num_rows($result) > 0){
    while($info = mysqli_fetch_array($result)){
        array_push($array,$info['classroomID'].",".$info['Course'].",".$info['startTime'].",".$i
nfo['endTime'].",".$info['duration'].",".$info['weekDay'].",".$info['Name'].",".$info['date'].",
$info['subject_ID'].",".$info['class_ID']);
    }
}

if (count($array) != 0) {
echo json_encode($array);
}

$conn->close();
?>

```

#### **6.2.6 Checkuser.php**

```

<?php

session_start();

include 'conf.php';

if ($_SESSION['user'] != null) {
    $sql = "SELECT * FROM user_table where username = '".$SESSION['user']."'";

    $result = mysqli_query($conn,$sql);

    if (mysqli_num_rows($result) > 0) {
        while ($info = mysqli_fetch_array($result)) {
            $position = $info['position'];
        }
    }
}

```

```

        if($position == 'Admin'){
            echo "Admin";
        }elseif($position == 'Teacher'){
            echo "Teacher";
        }
    }

?>

```

#### **6.2.7 Getusername.php**

```

<?php

session_start();

include 'conf.php';

if (isset($_SESSION['user'])) {
    echo $_SESSION['user'];
}

?>

```

#### **6.2.8 Usercheck.php**

```

<?php

session_start();

include 'conf.php';

if (isset($_SESSION['user'])) {
    $user = $_SESSION['user'];

    $sql = "SELECT * FROM user_table WHERE userName = '".$user."'";
    $result = mysqli_query($conn,$sql);

    if (mysqli_num_rows($result) > 0) {
        while ($info = mysqli_fetch_array($result)) {
            echo $info['position'];
        }
    }
} else{
    echo "no user";
}

?>

```



### 6.2.9 Login.php

```
<?php

session_start();
include 'conf.php';

if (isset($_GET["email"])){
    $email = $_GET["email"];
}

if (isset($_GET["password"])){
    $password = $_GET["password"];
}

if (!empty($email)){

    $sql = "SELECT * from user_table WHERE Email = '".$email."'";
    $result = mysqli_query($conn,$sql);
    if(mysqli_num_rows($result) > 0){
        while ($info = mysqli_fetch_array($result)){
            if($password == $info['userPassword']){
                $username = $info['userName'];
                echo "Welcome back, " . $username;
                $_SESSION["user"] = $username;
            }
            else{
                echo "Login Fail, Incorrect Email or Password";
            }
        }
    }
    else{
        echo "Login Fail, Incorrect Email or Password";
    }
}

mysqli_close($conn);

?>
```

### 6.2.10 Sendmail.php

```
<?php
session_start();

if (isset($_GET['id'])) {
    $id = $_GET['id'];
}

if (isset($_GET['email'])) {
    $email = $_GET['email'];
}

include 'conf.php';

$sql = "INSERT INTO register_user (id,email) VALUES ('".$id."','".$email."')";

if ($conn->query($sql) === TRUE) {
    echo "ID created";
}

$conn->close();

use PHPMailer\PHPMailer\PHPMailer;
use PHPMailer\PHPMailer\Exception;
require 'PHPMailer/src/Exception.php';
require 'PHPMailer/src/PHPMailer.php';
require 'PHPMailer/src/SMTP.php';
// Instantiation and passing `true` enables exceptions
$mail = new PHPMailer();
$mail->IsSMTP();
$mail->Mailer = "smtp";

$mail->SMTPDebug = 1;
$mail->SMTPAuth = TRUE;
$mail->SMTPSecure = "tls";
$mail->Port = 587;
$mail->Host = "smtp.gmail.com";
$mail->Username = "zhenxinewera@gmail.com";
$mail->Password = "newera5253";
$mail->IsHTML(true);
$mail->AddAddress($email, "Teacher");
$mail->SetFrom("zhenxinewera@gmail.com", "Admin");
$mail->AddReplyTo("zhenxinewera@gmail.com", "Admin");
$mail->Subject = "Invite link From Classroom Timetable System!";
$content = "you been invited to our Classroom Timetable System as a Teacher!!Click the <a href='http://localhost/finalProject2/register.html?id=".$id.">link</a> to join our system!!!";
```

```
$mail->MsgHTML($content);
if(!$mail->Send()) {
    echo "Error while sending Email.";
    var_dump($mail);
} else {
    echo "Email sent successfully";
}

?>
```

### 6.2.12 Signup.php

```
<?php

session_start();

include 'conf.php';

if (isset($_GET['email'])) {
    $email = $_GET['email'];
}

if (isset($_GET['password'])) {
    $password = $_GET['password'];
}

if (isset($_GET['userName'])) {
    $userName = $_GET['userName'];
}

if (isset($_GET['Name'])) {
    $Name = $_GET['Name'];
}

if (isset($_GET['Phone'])) {
    $Phone = $_GET['Phone'];
}

if (isset($_GET['id'])) {
    $id = $_GET['id'];
}

$sql = "SELECT * FROM register_user WHERE id = ".$id.";";
$result = mysqli_query($conn,$sql);

if (mysqli_num_rows($result) > 0) {
    $sql4 = "SELECT * FROM user_table WHERE Email = ".$email.";";
    $result3 = mysqli_query($conn,$sql4);

    $sql3 = "SELECT * FROM user_table WHERE userName='".$userName."';";

    $result2 = mysqli_query($conn,$sql3);
    if (mysqli_num_rows($result2) > 0) {
        echo "This UserName have been selected please change another one";
    }
    elseif (mysqli_num_rows($result3) > 0) {
```

```

        echo "This Email is Registered.";
    }
else{
    $sql1 = "INSERT INTO user_table
(userName,userPassword,Name,Email,Phone,position) VALUES
(\".$userName.\",\".$password.\",\".$Name.\",\".$email.\",\".$Phone.\",\"Teacher\")";
    $sql2 = "DELETE FROM register_user WHERE id = \".$id.\";";
    if ($conn->query($sql1) === TRUE) {
        if ($conn->query($sql2) === TRUE) {
            echo "Register Successful. You can Login Now";
        }
    }
}
else{
    echo "this registerID didnt exits ask Admin resend the Email";
}
?>

```

### 6.2.13 Getemail.php

```

<?php
session_start();

include 'conf.php';

if (isset($_GET['id'])) {
    $id = $_GET['id'];
}

$sql = "SELECT * FROM register_user WHERE id= \".$id.\";";

$result = mysqli_query($conn,$sql);

if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {
        echo $info['email'];
    }
}

$conn->close();
?>

```

#### **6.2.14 Logout.php**

```
<?php  
session_start();  
session_destroy();  
header("Location: homepage.html")  
?>
```

#### **6.2.15 Tablewithoutdrop.php**

```
<?php  
session_start();  
include 'conf.php';  
  
echo "<tr>  
    <th>Class Room</th>  
    <th>space amount</th>  
    <th>Computer amount</th>  
    <th>Projecter</th>  
    <th>Calss Category</th>  
    <th>8:30 - 9:00</th>  
    <th>9:00 - 9:30</th>  
    <th>9:30 - 10:00</th>  
    <th>10:00 - 10:30</th>  
    <th>10:30 - 11:00</th>  
    <th>11:00 - 11:30</th>  
    <th>11:30 - 12:00</th>  
    <th>12:00 - 12:30</th>  
    <th>12:30 - 13:00</th>  
    <th>13:00 - 13:30</th>  
    <th>13:30 - 14:00</th>  
    <th>14:00 - 14:30</th>  
    <th>14:30 - 15:00</th>  
    <th>15:00 - 15:30</th>  
    <th>15:30 - 16:00</th>  
    <th>16:00 - 16:30</th>  
    <th>16:30 - 17:00</th>  
    <th>17:00 - 17:30</th>  
    <th>17:30 - 18:00</th>  
    <th>18:00 - 18:30</th>  
    <th>18:30 - 19:00</th>  
</tr>";
```



### 6.2.16 Gettimetable.php

```
<?php

include 'conf2.php';

if(isset($_GET['classroomID'])){
    $classroomID = $_GET['classroomID'];
}

if(isset($_GET['starttime'])){
    $starttime = $_GET['starttime'];
}

if(isset($_GET['weekday'])){
    $weekday = $_GET['weekday'];
}

if (isset($_GET['date'])) {
    $date = $_GET['date'];
}

if (isset($_GET['course'])) {
    $course = $_GET['course'];
} else{
    $course = '%';
}

if (isset($_GET['date'])) {
    $date = $_GET['date'];
}

$sql = "SELECT classroomtimetable.* , user_table.Name FROM classroomtimetable INNER
JOIN user_table ON classroomtimetable.userName = user_table.userName WHERE
classroomID = " . $classroomID . " AND startTime = " . $starttime . " AND weekDay=" .
$weekday . " AND date = ". $date . " AND Course LIKE ".$course." AND
status='Registered';";

$result = mysqli_query($conn,$sql);

if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {
        echo
$info['subject_ID'].",".$info['duration'].",".$info['Name'].",".$info['startTime'].",".$info['class
_ID'].",".$info['Course'];
    }
}
```

```

$conn->close();
?>

6.2.17 Timetableforintake.php
<?php

include 'conf.php';

if (isset($_GET['course'])) {
    $course = $_GET['course'];
}

$sql = "SELECT DISTINCT
classroomtimetable.class_ID,class.Intake,classroomtimetable.Course FROM
classroomtimetable INNER JOIN class ON classroomtimetable.class_ID = class.class_ID
WHERE Course = ".$course." GROUP BY Intake;";

$result = mysqli_query($conn,$sql);

if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {
        echo "<div class='card text-center text-white bg-success mb-3'>" .
            "<div class='card-body'>" .
            "<h5 class='card-title'>".$info['Intake']."</h5>" .
            "<a href='timetableforclass.html?course=".$info['Course']."'".&intake=".$info['Intake']."' class='btn btn-outline-light stretched-link'>View Class</a>" .
            "</div>" .
            "</div>";
    }
}

$conn->close();
?>

```

### **6.2.18 Timetableforclass.php**

```

<?php

include 'conf.php';

if (isset($_GET['course'])) {
    $course = $_GET['course'];
}

if (isset($_GET['intake'])) {
    $intake = $_GET['intake'];
}

```

```

$sql = "SELECT classroomtimetable.* , class.Intake FROM classroomtimetable INNER JOIN
class ON classroomtimetable.class_ID = class.class_ID WHERE Course = '".$course."' AND
class.Intake = ".$intake." GROUP BY classroomtimetable.class_ID;";

$result = mysqli_query($conn,$sql);

if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {

        echo "<div class='card text-center text-white bg-success mb-3'>" .
            "<div class='card-body'>" .
            "<h5 class='card-title'>".$info['class_ID']. "</h5>" .
            "<a
href='timetableforsem.html?course=".$info['Course']."' &intake='".$info['Intake']."' &classid=".
$info['class_ID']."' class='btn btn-outline-light stretched-link'>View TimeTable</a>" .
            "</div>" .
            "</div>";
    }
}

$conn->close();
?>

```

### 6.2.19 Timetableforsem.php

```

<?php

include 'conf.php';

if (isset($_GET['course'])) {
    $course = $_GET['course'];
}

if (isset($_GET['intake'])) {
    $intake = $_GET['intake'];
}

if (isset($_GET['classid'])) {
    $classid = $_GET['classid'];
}
//canceled class
$sql = "SELECT classroomtimetable.* , class.Intake,subject.* FROM classroomtimetable
INNER JOIN subject on subject.Subject_ID = classroomtimetable.subject_ID INNER JOIN
class ON classroomtimetable.class_ID = class.class_ID WHERE
str_to_date(classroomtimetable.date,'%Y-%m-%d') >= CURRENT_DATE AND Course =
".$course." AND class.Intake = ".$intake." AND classroomtimetable.class_ID =

```

```

".$classid." AND subject.Semester = class.Current_Sem AND classroomtimetable.status <>
'Registered';";

$result = mysqli_query($conn,$sql);

if (mysqli_num_rows($result) > 0) {
    echo "<h1>Canceled Class</h1>";
    while ($info = mysqli_fetch_array($result)) {
        $sql1 = "SELECT * FROM user_table WHERE userName =
".$info['userName']."'\"";
        $result1 = mysqli_query($conn,$sql1);

        if (mysqli_num_rows($result1) > 0) {
            while ($info1 = mysqli_fetch_array($result1)) {
                $name = $info1['Name'];
            }
        }

        echo "<div class='card text-center text-white bg-danger mb-3'> .
"<div class='card-header'>".$info['weekDay']. "</div> .
"<div class='card-body'> .
"<h5 class='card-title'>".$info['date']. "</h5> .
"<p class='card-text'>.
"<table class='table table-bordered'>.
"<tr><th>Subject</th><th>Class Room</th><th>Class
Time</th><th>Duration</th><th>Lecturer</th></tr>".

"<tr><td>".$info['subject_ID']. "</td><td>".$info['classroomID']. "</td><td>".$info['st
artTime']. " -
".$info['endTime']. "</td><td>".$info['duration']. "</td><td>".$name. "</td></tr></p> .
"</table>.
"</div>.
"</div>";
    }
}
}

//Replace Class
$sql = "SELECT classroomtimetable.* ,class.Intake,classsubject.Semester FROM
classroomtimetable INNER JOIN classsubject on classroomtimetable.subject_ID LIKE
CONCAT('%',classsubject.subject_ID,'%') INNER JOIN class ON
classroomtimetable.class_ID = class.class_ID WHERE
str_to_date(classroomtimetable.date,'%Y-%m-%d') >= CURRENT_DATE AND Course =
".$course." AND class.Intake = ".$intake." AND classroomtimetable.class_ID =
".$classid." AND classsubject.Semester = class.Current_Sem AND
classroomtimetable.subject_ID LIKE '%Replacement%'";

$result = mysqli_query($conn,$sql);

```

```

if (mysqli_num_rows($result) > 0) {
    echo "<h1>Class Replacement</h1>";
    while ($info = mysqli_fetch_array($result)) {
        $sql1 = "SELECT * FROM user_table WHERE userName =
"".$info['userName'].""";
        $result1 = mysqli_query($conn,$sql1);

        if (mysqli_num_rows($result1) > 0) {
            while ($info1 = mysqli_fetch_array($result1)) {
                $name = $info1['Name'];
            }
        }

        echo "<div class='card text-center text-white bg-success mb-3'> .
        "<div class='card-header'>".$info['weekDay'].".</div> .
        "<div class='card-body'> .
        "<h5 class='card-title'>".$info['date'].".</h5> .
        "<p class='card-text'>.
        "<table class='table table-bordered'>.
        "<tr><th>Subject</th><th>Class Room</th><th>Class
Time</th><th>Duration</th><th>Lecturer</th></tr>".

        "<tr><td>".$info['subject_ID']."'</td><td>".$info['classroomID']."'</td><td>".$info['st
artTime']."' -
".$info['endTime']."'</td><td>".$info['duration']."'</td><td>".$name."'</td></tr></p>" .
        "</table>.
        "</div>.
        "</div>";
    }
}

//normal timetable
$sql = "SELECT classroomtimetable.* ,class.Intake,subject.* FROM classroomtimetable
INNER JOIN subject ON subject.Subject_ID = classroomtimetable.subject_ID INNER JOIN
class ON classroomtimetable.class_ID = class.class_ID WHERE Course = ".$course." AND
class.Intake = ".$intake." AND classroomtimetable.class_ID = ".$classid." AND
subject.Semester = class.Current_Sem AND classroomtimetable.status = 'Registered'
GROUP BY classroomtimetable.subject_ID;";

$result = mysqli_query($conn,$sql);

if (mysqli_num_rows($result) > 0) {
    echo "<h1>Time Table</h1>";
    while ($info = mysqli_fetch_array($result)) {
        $sql1 = "SELECT * FROM user_table WHERE userName =
"".$info['userName'].""";

```

```

$result1 = mysqli_query($conn,$sql1);

if (mysqli_num_rows($result1) > 0) {
    while ($info1 = mysqli_fetch_array($result1)) {
        $name = $info1['Name'];
    }
}

echo "<div class='card text-center text-white bg-info mb-3'> .
"<div class='card-header'>".$info['weekDay']."</div> .
"<div class='card-body'> .
"<h5 class='card-title'>Class Time</h5> .
"<p class='card-text'>".
"<table class='table table-bordered'>.
"<tr><th>Subject</th><th>Class Room</th><th>Class
Time</th><th>Duration</th><th>Lecturer</th></tr>".

"<tr><td>".$info['subject_ID']."'</td><td>".$info['classroomID']."'</td><td>".$info['st
artTime']."' - 
".$info['endTime']."'</td><td>".$info['duration']."'</td><td>".$name."'</td></tr></p>" .
"</table>".
"</div>".
"</div>";
}

$conn->close();
?>

```

#### **6.2.20 Getcourse.php**

```

<?php

include 'conf2.php';

$sql = "SELECT * FROM course";

$result = mysqli_query($conn,$sql);

if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {
        echo "<option value='".$info['courseID']."'>".$info['courseID']."</option>";

    }
}

```

```
$conn->close();
```

```
?>
```

### 6.2.21 Getsem.php

```
<?php
```

```
include 'conf2.php';
```

```
if (isset($_GET['course'])) {
```

```
    $course = $_GET['course'];
```

```
    $sql = "SELECT semester.*,course.* FROM semester,course WHERE  
course.total_semester >= semester.Semester AND course.courseID = '".$course."';
```

```
    $result = mysqli_query($conn,$sql);
```

```
    if (mysqli_num_rows($result) > 0) {
```

```
        while ($info = mysqli_fetch_array($result)) {
```

```
            echo "<option
```

```
value='".$info['Semester']."'>SEM".$info['Semester']."</option>";
```

```
        }
```

```
    }
```

```
}
```

```
else{
```

```
    $sql = "SELECT * FROM semester";
```

```
    $result = mysqli_query($conn,$sql);
```

```
    if (mysqli_num_rows($result) > 0) {
```

```
        while ($info = mysqli_fetch_array($result)) {
```

```
            echo "<option
```

```
value='".$info['Semester']."'>SEM".$info['Semester']."</option>";
```

```
        }
```

```
    }
```

```
}
```

```
$conn->close();
```

```
?>
```

### 6.2.22 Intakeselection.php

```
<?php
```

```
session_start();
```

```
include 'conf.php';

$sql = "SELECT * FROM intake";

$result = mysqli_query($conn,$sql);

if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {
        echo "<option value=\"". $info['intake_id'] ."\">". $info['intake_id'] . "</option>";
    }
}

$conn->close();
?>
```

### 6.2.23 Registersubjecttable.php

```
<?php

include 'conf2.php';

if (isset($_GET['sem'])) {
    $sem = $_GET['sem'];
}

if (isset($_GET['course'])) {
    $course = $_GET['course'];
}

if (isset($_GET['intake'])) {
    $intake = $_GET['intake'];
}

echo "<tr>
 ID | Subject ID | Subject Name | Course | Semester | Class | Lecturer | Duration(mins) |
</tr>";

$sql = "SELECT subject.* , class.Current_Sem FROM subject INNER JOIN class ON
class.Current_Sem = subject.Semester WHERE subject.Semester = '".$sem."' AND
subject.CourseID = '".$course."' AND class.Intake = '".$intake."' AND class.CourseID =
".$course." AND subject.Status <> 'Deleted' GROUP BY subject.Subject_ID;";

$result = mysqli_query($conn,$sql);

if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {
        echo "<tr>
 ".$info['id']."</td>  ".$info['Subject_ID']. "</td>  ".$info['Subject_Name']. "</td>  ".$info['CourseID']. "</td>  SEM ".$info['Semester']. "</td> ";         $sql1 = "SELECT subject.* , class.Current_Sem , class.class_ID FROM subject INNER JOIN class ON class.Current_Sem = subject.Semester WHERE subject.Semester = "; | | | | |
```

```

".$info['Semester']."'." AND class.CourseID = ".$info['CourseID']."'." AND class.Intake =
".$intake."' GROUP BY class.class_ID;";

$result1 = mysqli_query($conn,$sql1);
$count = 0;
echo "<td name='class'>";
if (mysqli_num_rows($result1) > 0) {
    while ($info1 = mysqli_fetch_array($result1)) {
        echo $info1['class_ID'];
        $count++;
        if ($count != count($info1)) {
            echo "<br/>";
        }
    }
}
echo "</td>";

$sql2 = "SELECT DISTINCT Lecturer FROM classsubject WHERE
Subject_ID = ".$info['Subject_ID']."'." AND Intake = ".$intake."'.";

$result2 = mysqli_query($conn,$sql2);

if (mysqli_num_rows($result2) > 0) {
    while ($info2 = mysqli_fetch_array($result2)) {
        $Lecturer = $info2['Lecturer'];
        echo "<td>".$info2['Lecturer']."</td>";
    }
} else{
    $Lecturer = null;
    echo "<td>Empty</td>";
}
echo "<td>".$info['duration']."'."</td>";
if (($Lecturer == "" || $Lecturer == null) && mysqli_num_rows($result1) > 0)
{
    echo "<td><button type='button'
class='choose'>Register</button></td>
</tr>";
}
else{
    echo "<td></td>";
}

}
else{
    echo "<tr><td>No Subject</td></tr>";
}

```

```
$conn->close();
?>
```

#### 6.2.24 Registersubject.php

```
<?php

session_start();

if (isset($_SESSION['user'])) {
    $user = $_SESSION['user'];
}

if (isset($_GET['id'])) {
    $id = $_GET['id'];
}

if (isset($_GET['intake'])) {
    $intake = $_GET['intake'];
}

$successful = 0;

include 'conf2.php';

$sql1 = "SELECT * FROM subject WHERE id = '".$id."';";

$sql4 = "SELECT * FROM user_table WHERE userName = '".$user."';

$result4 = mysqli_query($conn,$sql4);
if (mysqli_num_rows($result4)) {
    while ($info4 = mysqli_fetch_array($result4)) {
        $Lecturer = $info4['Name'];
    }
}

$result1 = mysqli_query($conn,$sql1);

if (mysqli_num_rows($result1) > 0) {
    while ($info = mysqli_fetch_array($result1)) {
        $sql2 = "SELECT * FROM class WHERE CourseID = '".$info['CourseID']."'"
        AND Intake = '".$intake."';

        $result2 = mysqli_query($conn,$sql2);

        if (mysqli_num_rows($result2) > 0) {
```

```

        while ($info2 = mysqli_fetch_array($result2)) {

            $sql3 = "INSERT INTO classsubject
(class_ID,course_ID,subject_ID,duration,Lecturer,Semester,Intake) VALUES
(\".$info2['class_ID'].\"", ".$info['CourseID'].\"", ".$info['Subject_ID'].\"", ".$info['duration'].\"", ".
$Lecturer.\"", ".$info['Semester'].\"", ".$intake.");";

            if ($conn->query($sql3) === TRUE) {
                $successful = 1;
            }else{
                echo "Error: " . $sql3 . "<br>" . $conn->error;
            }
        }
    }

if ($successful == 1) {
    echo "Register Sucessful";
}

$conn->close();
?>
```

### 6.2.25 Registeredtable.php

```
<?php

session_start();

include 'conf2.php';

if (isset($_SESSION['user'])) {
    $user = $_SESSION['user'];
}

if (isset($_GET['sem'])) {
    $sem = $_GET['sem'];
}

if (isset($_GET['course'])) {
    $course = $_GET['course'];
}

if (isset($_GET['intake'])) {
    $intake = $_GET['intake'];
}
```

```

$sql4 = "SELECT * FROM user_table WHERE userName = '".$user."';

$result4 = mysqli_query($conn,$sql4);
if (mysqli_num_rows($result4)) {
    while ($info4 = mysqli_fetch_array($result4)) {
        $Lecturer = $info4['Name'];
    }
}

echo "<tr>
<th>ID</th>
<th>Subject ID</th>
<th>Subject Name</th>
<th>Course</th>
<th>Semester</th>
<th>Class</th>
<th>Lecturer</th>
<th>Duration(mins)</th>
</tr>";

$sql = "SELECT subject.* , class.Current_Sem , classsubject.* FROM subject INNER JOIN
classsubject ON subject.Subject_ID = classsubject.subject_ID INNER JOIN class ON
class.Current_Sem = subject.Semester WHERE subject.Semester = '".$sem."' AND
subject.CourseID = '".$course."' AND classsubject.Intake = '".$intake."' AND
classsubject.Lecturer = '".$Lecturer."' GROUP BY subject.Subject_ID;";

$result = mysqli_query($conn,$sql);

if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {
        echo "<tr>
<td name='id'>".$info['id']."</td>
<td>".$info['Subject_ID']."</td>
<td>".$info['Subject_Name']."</td>
<td>".$info['CourseID']."</td>
<td>SEM".$info['Semester']."'</td>
";
        $sql1 = "SELECT subject.* , class.Current_Sem , class.class_ID FROM subject
INNER JOIN class ON class.Current_Sem = subject.Semester WHERE subject.Semester =
'".$info['Semester']."' AND subject.CourseID = '".$info['CourseID']."' AND class.Intake =
'".$intake."' GROUP BY class.class_ID;";

        $result1 = mysqli_query($conn,$sql1);
        $count = 0;
        echo "<td>";
    }
}

```

```

        if (mysqli_num_rows($result1) > 0) {
            while ($info1 = mysqli_fetch_array($result1)) {
                echo $info1['class_ID'];
                $count++;
                if ($count != count($info1)) {
                    echo "<br>";
                }
            }
        }
        echo "</td>";

        $sql2 = "SELECT DISTINCT Lecturer FROM classsubject WHERE
Subject_ID = '".$info['Subject_ID']."'.";

        $result2 = mysqli_query($conn,$sql2);

        if (mysqli_num_rows($result2) > 0) {
            while ($info2 = mysqli_fetch_array($result2)) {
                echo "<td>".$info2['Lecturer']."</td>";
            }
        }
        echo "<td>".$info['duration']."</td>";
        echo "<td><button type='button' class='drop'>Drop</button></td>
</tr>";

    }
}

else{
    echo "<tr><td>No Subject</td></tr>";
}

$conn->close();
?>

```

### 6.2.26 Dropsubject.php

```

<?php

session_start();

include 'conf2.php';

if(isset($_POST['id'])){
    $id = $_POST['id'];
}

if (isset($_POST['class'])) {

```

```

        $class = json_decode($_POST['class']);
    }

$sql2 = "SELECT * FROM classsubject WHERE id = '".$id."';

$result = mysqli_query($conn,$sql2);

if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {
        $subjectid = $info['subject_ID'];
    }
}

$class = implode(",",$class);

$sql3 = "SELECT * FROM classsubject WHERE subject_ID = '".$subjectid."' AND
class_ID IN ('".$class.") AND status ='Registered'";

$result = mysqli_query($conn,$sql3);
if (mysqli_num_rows($result) > 0) {
    echo "You have registered this class in timetable";
} else{
    $sql = "DELETE FROM classsubject WHERE subject_ID = '".$subjectid."' AND
class_ID IN ('".$class."')";

    if ($conn->query($sql) === TRUE) {
        echo "Drop Successful";
    }
}

$conn->close();

?>

```

#### **6.2.27 GetDragAndDropSelection.php**

```

<?php

session_start();
include 'conf2.php';

if (isset($_SESSION['user'])) {
    $user = $_SESSION['user'];
}

$i = 0;

```

```

$color = array("red","blue","yellow","green");

$sql = "SELECT * FROM classsubject INNER JOIN class on classsubject.class_ID =
class.class_ID WHERE Lecturer = ".$user." AND classsubject.status <> 'Registered';

$result = mysqli_query($conn,$sql);

$preventssubject = 0;

if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {
        if ($preventssubject != 0 || $preventssubject != $info['subject_ID']) {
            if ($i == count($color)-1) {
                $i = 0;
            }
            $i++;
        }
        echo "<div data-subject='".$info['subject_ID']."' id='".$info['subject_ID'].$info['class_ID']."' class='w3-tag w3-padding w3-round-large w3-
".$color[$i]." w3-center' draggable='true' ondragstart='drag(event)' data-
duration='".$info['duration']."' data-student='".$info['student_amount']."' data-
class='".$info['class_ID']."' data-
course='".$info['course_ID']."'>".$info['subject_ID']."<br>".$info['Lecturer']."<br>".$info['cl
ass_ID']."</div>";

        $preventssubject = $info['subject_ID'];
    }
}

$conn->close();

?>

```

### 6.2.28 Table.php

```

<?php

include 'conf2.php';

echo "<tr>
    <th>Class Room</th>
    <th>space amount</th>
    <th>Computer amount</th>
    <th>Projecter</th>
    <th>Calss Category</th>

```



```

        <td ondrop='drop(event)' ondragover='allowDrop(event)'></td>
        <td ondrop='drop(event)' ondragover='allowDrop(event)'></td>
    </tr>";
}
}

$conn->close();

?>

```

### **6.2.29 Inserttimetable1.php**

```

<?php

session_start();
include 'conf2.php';

if(isset($_GET['duration'])){
    $duration = $_GET['duration'];
}

if(isset($_GET['classroomID'])){
    $classroomID = $_GET['classroomID'];
}

if(isset($_GET['starttime'])){
    $starttime = $_GET['starttime'];
}

if(isset($_GET['endtime'])){
    $endtime = $_GET['endtime'];
}

if(isset($_GET['course'])){
    $course = $_GET['course'];
}

if(isset($_GET['weekday'])){
    $weekday = $_GET['weekday'];
}

```

```

if (isset($_GET['date'])) {
    $date = $_GET['date'];
}

if (isset($_GET['subject'])) {
    $subject = $_GET['subject'];
}

if (isset($_GET['class'])) {
    $class = $_GET['class'];
}

if (isset($_GET['duration1'])) {
    $duration1 = $_GET['duration1'];
}

$Successful = 0;
$Fail = 0;

$sql3 = "SELECT * FROM classroomtimetable WHERE
(classroomID,Course,startTime,endTime,duration,weekDay,status,date,class_ID,subject_ID)
= (" . $classroomID . "','" . $course . "','" . $starttime . "','" . $endtime . "','" . $duration . "' ,
$weekday . "','" . Registered . "','" . $date . "','" . $class . "','" . $subject . "')";

$result = mysqli_query($conn,$sql3);

$sql8 = "SELECT * FROM classroomtimetable WHERE (class_ID,date,startTime,endTime)
= (" . $class . "','" . $date . "','" . $starttime . "','" . $endtime . "') OR class_ID = '" . $class . "' AND
date = '" . $date . "' AND status = 'Registered' AND CAST(starttime AS UNSIGNED)
BETWEEN ".(int)$starttime." AND ".(int)$endtime." OR class_ID = '" . $class . "' AND
date = '" . $date . "' AND status = 'Registered' AND CAST(endTime AS UNSIGNED)
BETWEEN ".(int)$starttime." AND ".(int)$endtime.";";

$result8 = mysqli_query($conn,$sql8);

$sql9 = "SELECT * FROM classroomtimetable WHERE
(userName,date,startTime,endTime) =
('".$_SESSION['user']."' ,'" . $date . "','" . $starttime . "','" . $endtime . "') OR userName =
'".$_SESSION['user']."' AND date = '" . $date . "' AND status = 'Registered' AND
CAST(starttime AS UNSIGNED) BETWEEN ".(int)$starttime." AND ".(int)$endtime." OR
userName = '".$_SESSION['user']."' AND date = '" . $date . "' AND status = 'Registered' AND
CAST(endTime AS UNSIGNED) BETWEEN ".(int)$starttime." AND ".(int)$endtime.";";

$result9 = mysqli_query($conn,$sql9);

if (mysqli_num_rows($result) > 0) {

```

```

        echo "this class registered";
    }
else if (mysqli_num_rows($result8) > 0) {
    echo "this class - ". $class . " have other class on this selected time. Or Connecting
with class without break.";
}
else if (mysqli_num_rows($result9) > 0){
    echo "You have other class on this selected time. Or Connecting with class without
break.";
}
else{
    for ($i=0; $i <= 13; $i++) {
        $sql4 = "SELECT * FROM classroomtimetable WHERE
(classroomID,startTime,endTime,duration,weekDay,status,date) = ('". $classroomID . "','" .
$starttime . "','" . $endtime . "','" . $duration . "','" . $weekday . "','" . 'Registered' . "','" . $date . "') OR
classroomID = '". $classroomID . "' AND date='". $date . "' AND CAST(startTime AS
UNSIGNED) BETWEEN ".(int)$starttime." AND ".(int)$endtime." OR classroomID =
'". $classroomID . "' AND date='". $date . "' AND CAST(endTime AS UNSIGNED) BETWEEN
".(int)$starttime." AND ".(int)$endtime.";";
        $result1 = mysqli_query($conn,$sql4);

        if (mysqli_num_rows($result1) > 0) {

            $sql6 = "INSERT INTO requestcancel
(classroomID,Course,Subject,class_ID,startTime,endTime,duration,duration1,weekDay,user
Name,reason,status,date) VALUES ('". $classroomID . "','" . $course .
"','" . $subject . "','" . $class . "','" . $starttime . "','" . $endtime . "','" . $duration .
"','" . $duration1 . "','" . $weekday . "','" . $_SESSION['user'] . "','" . 'Register
Fail' . "','" . 'Approved' . "','" . $date . "');";

            if ($conn->query($sql6) === TRUE) {

                $Fail++;
                echo $date . " - Register fail class in-use\r\n";
            }
        }
        else{
            $sql1 = "INSERT INTO classroomtimetable
(classroomID,Course,starttime,endTime,duration,weekDay,userName,status,date,class_ID,su
bject_ID) VALUES ('". $classroomID . "','" . $course . "','" . $starttime . "','" . $endtime . "','" . $duration .
"','" . $weekday . "','" . $_SESSION['user'] . "','" . 'Registered' . "','" . $date . "','" . $class . "','" . $subject . "');";
            if ($conn->query($sql1) === TRUE) {
                $Successful++;
                echo $date . " - Registere successful.\r\n";
            }
        }
    }
}

```

```

        echo "Error: " . $sql1 . "<br>" . $conn->error;
    }
}
$date = date('Y-m-d', strtotime($date. ' + 7 days'));
}
echo "Successful - ".$Successful. " Fail - ".$Fail."\r\n";
$sql7 = "UPDATE classsubject SET status = 'Registered' WHERE
class_ID='".$class.'" AND subject_ID = "'.$subject.'";

if ($conn->query($sql7) === TRUE) {
    echo "Register Complete\r\n";
    echo "If you not accept this result. You could ask admin to remove it.";
}
}

$conn->close();
?>
```

### 6.2.30 Requestcancelclass.php

```
<?php

session_start();
include 'conf2.php';

if(isset($_GET['classroomID'])){
    $classroomID = $_GET['classroomID'];
}

if(isset($_GET['starttime'])){
    $starttime = $_GET['starttime'];
}

if(isset($_GET['endtime'])){
    $endtime = $_GET['endtime'];
}

if(isset($_GET['subject'])){
    $subject = $_GET['subject'];
}

if(isset($_GET['weekday'])){
    $weekday = $_GET['weekday'];
}

if(isset($_GET['date'])){
    $date = $_GET['date'];
}

if (isset($_GET['reason'])) {
    $reason = $_GET['reason'];
}

if (isset($_GET['detail'])) {
    $detail = $_GET['detail'];
}

if(isset($_GET['duration'])){
    $duration = $_GET['duration'];
}

if(isset($_GET['duration1'])){
    $duration1 = $_GET['duration1'];
}

if (isset($_GET['classid'])) {
```

```

$classid = $_GET['classid'];
}

if (isset($_GET['course'])) {
    $course = $_GET['course'];
}
$sql2 = "SELECT * FROM requestcancel WHERE classroomID = ". $classroomID . " AND
Subject = " . $subject . " AND startTime = " . $starttime . " AND endTime = " . $endtime .
" AND weekDay = " . $weekday . " AND date = " . $date . " AND class_ID = " . $classid . "";
$result1 = mysqli_query($conn,$sql2);

if (mysqli_num_rows($result1) > 0) {
    echo "this class already request cancel.";
}
else{
    $sql = "SELECT * FROM classroomtimetable WHERE classroomID = ".
$classroomID . " AND subject_ID = " . $subject . " AND startTime = " . $starttime . "
AND endTime = " . $endtime . " AND weekDay = " . $weekday . " AND status =
'Registered' AND class_ID = " . $classid . "";
}

$result = mysqli_query($conn,$sql);

if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {
        $user = $info['userName'];
    }
}

if ($user == $_SESSION['user']) {

    $sql1 = "INSERT INTO requestcancel
(classroomID,Course,Subject,class_ID,startTime,endTime,duration,duration1,weekDay,user
Name,reason,detail,status,date) VALUES (" . $classroomID . "," . $course . "," . $subject .
"," . $classid . "," . $starttime . "," . $endtime . "," . $duration . "," . $duration1 . ","
.$weekday . "," . $_SESSION['user'] . "," . $reason . "," . $detail . "','Request Cancel','"
.$date . ")";
    if ($conn->query($sql1) === TRUE) {
        echo "Request Sent";
    }else {
        echo "Error: " . $sql1 . "<br>" . $conn->error;
    }
}else{
    echo "You can only request to cancel you own class";
}
}
else{
    echo "Class Undefine";
}

```

```
    }
}
$conn->close();
?>
```

### 6.2.31 GetSelectionDndReplace.php

```
<?php
```

```
session_start();
include 'conf2.php';

$color = array("red","blue","yellow","green");

$sql = "SELECT * FROM requestcancel where userName = '".$_SESSION['user']."' AND
status ='Approved';";

$i = 0;

$preventsubject = 0;
$preventclass = 0;

$result = mysqli_query($conn,$sql);
if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {
        $sql1 = "SELECT * FROM class WHERE class_ID = '".$info['class_ID']."'";

        $result1 = mysqli_query($conn,$sql1);

        if (mysqli_num_rows($result1) > 0) {
            while ($info1 = mysqli_fetch_array($result1)) {
                $student_amount = $info1['student_amount'];
            }
        }
    }

    $sql2 = "SELECT * FROM user_table WHERE userName =
".$_info['userName'].";
    $result2 = mysqli_query($conn,$sql2);

    if (mysqli_num_rows($result2) > 0) {
        while ($info2 = mysqli_fetch_array($result2)) {
            $Lecturer = $info2['Name'];
        }
    }

    if ($preventsubject != 0 || $preventsubject != $info['Subject']) {
        $i++;
    }
}
```

```

        else if ($preventclass != 0 || $preventclass != $info['class_ID']) {
            $i++;
        }
        echo "<div data-subject='".$info['Subject']."' data-
requestid='".$info['requestID']."' id='".$info['requestID']."' class='w3-tag w3-padding w3-round-large w3-".$color[$i]." w3-center' draggable='true' ondragstart='drag(event)' data-
duration='".$info['duration1']."' data-student='".$student_amount."' data-
class='".$info['class_ID']."' data-
course='".$info['Course']."'>".$info['Subject']."<br>".$Lecturer."<br>".$info['class_ID'].".</di
v>";
        if ($i == count($color)-1) {
            $i = 0;
        }
        $preventsubject = $info['Subject'];
        $preventclass = $info['class_ID'];
    }
}else{
    echo "No Course Remain";
}
$conn->close();

?>

```

### 6.2.32 Replaceclass.php

```

<?php

session_start();
include 'conf2.php';

if(isset($_GET['duration'])){
    $duration = $_GET['duration'];
}

if(isset($_GET['classroomID'])){
    $classroomID = $_GET['classroomID'];
}

if(isset($_GET['starttime'])){
    $starttime = $_GET['starttime'];
}

if(isset($_GET['endtime'])){
    $endtime = $_GET['endtime'];
}

```

```

if(isset($_GET['course'])){
    $course = $_GET['course'];
}

if (isset($_GET['subject'])) {
    $subject = $_GET['subject'];
}

if (isset($_GET['classid'])) {
    $classid = $_GET['classid'];
}

if(isset($_GET['weekday'])){
    $weekday = $_GET['weekday'];
}

if(isset($_GET['date'])){
    $date = $_GET['date'];
}

if(isset($_GET['requestID'])){
    $requestID = $_GET['requestID'];
}

if(isset($_GET['onetimeclass'])){
    $sql = "INSERT INTO classroomtimetable
(classroomID,Course,subject_ID,starttime,endTime,duration,weekDay,userName,status,date,
class_ID) VALUES ('". $classroomID . "','" . $course . "','" . $subject . "(New)'," .
$starttime . "','" . $endtime . "','" . $duration . "','" . $weekday . "'",
'Admin','Registered','" . $date . "','" . $classid . "');";

    if ($conn->query($sql) === TRUE) {
        echo "Successful";
    }
} else{
    $sqlcheck = "SELECT * FROM classroomtimetable WHERE classroomID = " .
$classroomID . " AND Course = " . $course . " AND startTime = " . $starttime . " AND
endTime=" . $endtime . " AND status = 'Registered' AND date = " . $date . " AND class_ID =
" . $classid . " AND subject_ID = " . $subject . ";";

    $result = mysqli_query($conn,$sqlcheck);

    $sql8 = "SELECT * FROM classroomtimetable WHERE
(class_ID,date,startTime,endTime) = (" . $classid . "','" . $date . "','" . $starttime . "','" . $endtime . ")
OR class_ID = " . $classid . " AND date=" . $date . " AND status = 'Registered' AND
CAST(starttime AS UNSIGNED) BETWEEN ".(int)$starttime." AND ".(int)$endtime." OR

```

```

class_ID = ".$classid." AND date='".$date."' AND status = 'Registered' AND
CAST(endTime AS UNSIGNED) BETWEEN ".(int)$starttime." AND ".(int)$endtime.";";

$result8 = mysqli_query($conn,$sql8);

if(mysqli_num_rows($result) > 0){
    echo "data exist";
}
else if(mysqli_num_rows($result8) > 0){
    echo "this class - ".$classid . " have other class on this selected time. Or
Connecting with class without break.";
}
else{

    $sql2 = "SELECT * FROM requestcancel WHERE Subject = '" . $subject . "'"
AND status = 'Approved' AND class_ID = ".$classid.";";

    $result2 = mysqli_query($conn,$sql2);
    if(mysqli_num_rows($result2) > 0){
        while ($info = mysqli_fetch_array($result2)) {
            $userName = $info['userName'];
        }
    }

    $sql1 = "INSERT INTO classroomtimetable
(classroomID,Course,starttime,endTime,duration,weekDay,userName,status,date,subject_ID,
class_ID) VALUES ('" . $classroomID . "','" . $course . "','" . $starttime . "','" . $endtime . "','" .
$duration . "','" . $weekday . "','" .
$userName . "','" . 'Registered' . "','" . $date . "','" . $subject . "'(Replacement)' ,'" . $classid . "');";

    if ($conn->query($sql1) === TRUE) {
        $sql = "UPDATE requestcancel SET status = 'Registered' WHERE
requestID = '" . $requestID . "';";
        if ($conn->query($sql) === TRUE) {
            echo "Register Successful";
        }
    }else {
        echo "Error: " . $sql1 . "<br>" . $conn->error;
    }
}
}

$conn->close();
?>

```

### 6.2.33 Viewmyrequest.php

<?php

```

session_start();

if (isset($_SESSION['user'])) {
    $username = $_SESSION['user'];
}
include 'conf.php';

echo "<tr>";
echo "<th>Request ID</th>";
echo "<th>Classroom ID</th>";
echo "<th>Course</th>";
echo "<th>Subject</th>";
echo "<th>Class ID</th>";
echo "<th>Start time</th>";
echo "<th>End time</th>";
echo "<th>Week day</th>";
echo "<th>Reason</th>";
echo "<th>Status</th>";
echo "<th>Class Date</th>";
echo "</tr>";

$sql = "SELECT * FROM requestcancel WHERE userName = '".$username."' ORDER BY
requestID ASC";

$result = mysqli_query($conn,$sql);

if (mysqli_num_rows($result) > 0) {

    while ($info = mysqli_fetch_array($result)) {
        echo "<tr>";
        echo "<td>".$info['requestID']."</td>";
        echo "<td>".$info['classroomID']."</td>";
        echo "<td>".$info['Course']."</td>";
        echo "<td>".$info['Subject']."</td>";
        echo "<td>".$info['class_ID']."</td>";
        echo "<td>".$info['startTime']."</td>";
        echo "<td>".$info['endTime']."</td>";
        echo "<td>".$info['weekDay']."</td>";
        echo "<td>".$info['reason']."</td>";
        echo "<td>".$info['status']."</td>";
        echo "<td>".$info['date']."</td>";
        echo "</tr>";
    }
} else{
    echo "No Request";
}

```

```
$conn->close();
```

```
?>
```

#### 6.2.34 Addclassroom.php

```
<?php

session_start();
if ($_SESSION["user"] == "admin") {

    include 'conf.php';

    if (isset($_GET['roomID'])) {
        $ID = $_GET['roomID'];
    }

    if (isset($_GET['capacity'])) {
        $capacity = $_GET['capacity'];
    }

    if (isset($_GET['category'])) {
        $category = $_GET['category'];
    }

    if (isset($_GET['computeramount'])) {
        $computeramount = $_GET['computeramount'];
    }

    if (isset($_GET['projector'])) {
        $projector = $_GET['projector'];
    }

    $sql = "INSERT INTO classroom
(classroomID,classCapacity,category,computeramount,projectorAmount,Status) VALUES
(\". $ID . \",\". $capacity . \",
$category . \"\" . $computeramount . \"\" . $projector . \"\",'Available')";
    $sql1 = "SELECT classroomID FROM classroom WHERE classroomID = \"". $ID . "\";

    $sql2 = "SELECT type FROM classcategory WHERE type = \"$category . \"\";
    $sql3 = "INSERT INTO classcategory (type) VALUES ($category . ")";

    //check id exists
    $result = mysqli_query($conn,$sql1);
    if(mysqli_num_rows($result) > 0){
        echo "This Class ID already exists";
    }else{
        //insert to database
        if ($conn->query($sql) === TRUE) {
            echo "New Class ID Created Successfully";
        } else {
    
```

```

        echo "Error: " . $sql . "<br>" . $conn->error;
    }
}

//check category
$result2 = mysqli_query($conn,$sql2);
if(mysqli_num_rows($result2) > 0){

}else{
    //add new category to database
    if ($conn->query($sql3) === TRUE) {
        echo ".New Category Added.";
    }
}

$conn->close();
}

else{//if not admin
    echo "Only Admin can Add Class.";
}

?>
```

### **6.2.35 Getcategory.php**

```

<?php

include 'conf.php';

$sql = "SELECT * FROM classCategory";

echo "<option value='-1'>---Select---</option>";

$result = mysqli_query($conn,$sql);
if(mysqli_num_rows($result) > 0){
    while ($info = mysqli_fetch_array($result)){
        echo "<option value = '" . $info['id'] . "'>" . $info['type'] . "</option>";
    }
}
echo "<option value = '0'>Add new category</option>";

$conn->close();

?>
```



### **6.2.36 Deleteclassroom.php**

```
<?php

include 'conf.php';

if (isset($_GET['classroomID'])) {
    $classroomID = $_GET['classroomID'];
}

$sql = "DELETE FROM classroom WHERE classroomID='".$classroomID."'";
$sql1 = "SELECT * FROM classroomtimetable WHERE classroomID = '".$classroomID."'";
$result = mysqli_query($conn,$sql1);

if (mysqli_num_rows($result) > 0) {
    echo "This class is in-use you need to remove from timetable first";
}
else{
    if ($conn->query($sql) === TRUE) {
        echo 'Delete Successful';
    }
}

$conn->close();

?>
```

### **6.2.37 Showclassinfo.php**

```
<?php

include 'conf.php';

if (isset($_GET['classroomID'])) {
    $classroomID = $_GET['classroomID'];
}

$sql = "SELECT * FROM classroom WHERE classroomID = '".$classroomID."'";
$result = mysqli_query($conn,$sql);

if (mysqli_num_rows($result)) {
    while ($info = mysqli_fetch_array($result)) {
        echo "<tr>";
        echo "<td>Class room ID</td>";
        echo "<td id='classroomID'>".$info['classroomID']."</td>";
    }
}
```

```

echo "</tr>";
echo "<tr>";
echo "<td>Class Capacity</td>";
echo "<td><input id='classCapacity' type='number' value='".$info['classCapacity']."'></td>";
echo "</tr>";
echo "<tr>";
echo "<td>Class Category</td>";
echo "<td>";
echo "<select id='category' onchange='onselectchange()'" ;
$sql1 = "SELECT * FROM classcategory";
$result1 = mysqli_query($conn,$sql1);
if (mysqli_num_rows($result1) > 0) {
    while ($info1 = mysqli_fetch_array($result1)) {
        if($info['category'] == $info1['type']){
            echo "<option value='".$info1['type']."' selected>".$info1['type']."</option>";
        }else{
            echo "<option value='".$info1['type']."'>".$info1['type']."</option>";
        }
    }
}
echo "</select>";
echo "</td>";
echo "</tr>";

if ($info['category'] == 'Computer Lab') {
    echo "<tr id='computerLab'>";
    echo "<td>Computer Amount</td>";
    echo "<td><input id='computerAmount' type='number' value='".$info['computerAmount']."'></td>";
    echo "</tr>";
}else{
    echo "<tr id='computerLab'></tr>";
}

echo "<tr>";
echo "<td>Projector Amount</td>";
echo "<td><input id='projectorAmount' type='number' value='".$info['projectorAmount']."'></td>";
echo "</tr>";
echo "<tr>";
echo "<td>Status</td>";
if ($info['Status'] == 'Available') {
    echo "<td>";
    echo "<select id='status'>";
}

```

```

        echo "<option value='Available' selected>Available</option>";
        echo "<option value='Close'>Close</option>";
        echo "</select>";
        echo "</td>";
    }
    else{
        echo "<td>";
        echo "<select id='status'>";
        echo "<option value='Available'>Available</option>";
        echo "<option value='Close' selected>Close</option>";
        echo "</select>";
        echo "</td>";
    }
    echo "</tr>";
    echo "<tr>";
    echo "<td></td><td><button onclick='update()'>Update</button></td>";
    echo "</tr>";
}
}

$conn->close();
?>

```

### 6.2.38 ModifyClass.php

```

<?php

session_start();

include 'conf.php';

if (isset($_GET['classroomID'])) {
    $classroomID = $_GET['classroomID'];
}

if (isset($_GET['capacity'])) {
    $capacity = $_GET['capacity'];
}

if (isset($_GET['category'])) {
    $category = $_GET['category'];
}

if (isset($_GET['projectorAmount'])) {
    $projectorAmount = $_GET['projectorAmount'];
}

```

```

if (isset($_GET['status'])) {
    $status = $_GET['status'];
}

if (isset($_GET['computerAmount'])) {
    $computerAmount = $_GET['computerAmount'];
}

$sql = "UPDATE classroom SET classCapacity = ".$capacity.",
category=".$category.", projectorAmount=".$projectorAmount.",Status=".$status.",
computerAmount=".$computerAmount." WHERE classroomID = ".$classroomID."";

$sql1 = "SELECT * FROM classroomtimetable WHERE classroomID
= ".$classroomID."";

$result = mysqli_query($conn,$sql1);
if (mysqli_num_rows($result) > 0) {
    echo "This class is in-use you need to remove from timetable first";
} else{
    if ($conn->query($sql) === TRUE) {
        echo "Update Successful";
    }
}

$conn->close();

?>

```

#### **6.2.39 Addsem.php**

```

<?php

include 'conf2.php';

$sql = "INSERT into semester (Semester) VALUES (Semester);";

if ($conn->query($sql) === TRUE) {
    echo "New Sem Added";
}

$conn->close();

?>

```

#### **6.2.40 EditCourse.php**

```
<?php

session_start();

include "conf.php";

$sql = "SELECT * FROM course";

$result = mysqli_query($conn,$sql);

if (mysqli_num_rows($result) > 0) {
    echo "<tr>";
    echo "<th>Course ID</th>";
    echo "<th>Course Name</th>";
    echo "<th>Total Semester</th>";
    echo "</tr>";

    while ($info = mysqli_fetch_array($result)) {
        echo "<tr>";
        echo "<td id='".$info['courseID']."'>".$info['courseID']."</td>";
        echo "<td>".$info['courseName']."</td>";
        echo "<td>".$info['total_semester']."</td>";
        echo "<td><a class='btn btn-primary' href='modifyCourse.html?course=".$info['courseID']."' role='button'>Edit</a></td>";
        echo "<td><button type='button' class='btn btn-danger' onclick='deletecourse(this)'>Delete</button></td>";
        echo "</tr>";
    }
}

$conn->close();
?>
```

#### **6.2.41 Deletecourse.php**

```
<?php

session_start();

include 'conf.php';

if (isset($_GET['courseID'])) {
    $courseID = $_GET['courseID'];
}

$sql = "DELETE FROM course WHERE courseID = '".$courseID."';
```

```

$sql1 = "SELECT * FROM classsubject WHERE course_ID = '".$courseID."';

$result = mysqli_query($conn,$sql1);

if (mysqli_num_rows($result) > 0) {
    echo "This course is in-use or been registered. You need to drop this course First";
}
else{
    if($conn->query($sql) === TRUE){
        $sql2 = "DELETE FROM subject WHERE CourseID = '".$courseID."'";
        if ($conn->query($sql2) === TRUE) {
            echo "Delete Successful";
        }
    }
}

$conn->close();

?>

```

#### **6.2.42 Addcourse.php**

```

<?php

include 'conf.php';

if(isset($_GET['courseID'])){
    $courseID = $_GET['courseID'];
}

if (isset($_GET['courseName'])) {
    $courseName = $_GET['courseName'];
}

if (isset($_GET['totalsemester'])) {
    $totalsemester = $_GET['totalsemester'];
}

$sql = "INSERT INTO course (courseID,courseName,total_semester) VALUES ('".
$courseID . "','" . $courseName . "','" . $totalsemester . "')";
$sql1 = "SELECT * FROM course WHERE courseID = '" . $courseID . "'";

$result = mysqli_query($conn,$sql1);
if(mysqli_num_rows($result) > 0){
    echo "This Course ID Already Exist";
}
```

```

    }
else
{
    if($conn->query($sql) === TRUE){
        echo "New Course Added";
    }
    else{
        echo "Error: " . $sql . "<br>" . $conn->error;
    }
}

$conn->close();

```

?>

#### **6.2.43 Addsubject.php**

<?php

```

include 'conf2.php';

if (isset($_GET['subejctsem'])) {
    $subejctsem = $_GET['subejctsem'];
}

if (isset($_GET['course'])) {
    $course = $_GET['course'];
}

if (isset($_GET['subjectID'])) {
    $subjectID = $_GET['subjectID'];
}

if (isset($_GET['subjectName'])) {
    $subjectName = $_GET['subjectName'];
}

if (isset($_GET['duration'])) {
    $duration = $_GET['duration'];
}

$sql2 = "SELECT * FROM subject WHERE Subject_ID = '".$subjectID."'";

$result = mysqli_query($conn,$sql2);

if (mysqli_num_rows($result) > 0) {
    echo "This Subject ID already exists. If not found may in Deleted Subject";
}

```

```

}
else{
    $sql = "INSERT INTO subject
(Subject_ID,Subject_Name,CourseID,Semester,duration) VALUES
(\".$subjectID.\",\".$subjectName.\",\".$course.\",\".$subejctsem.\",\".$duration.\")";

    if ($conn->query($sql) === TRUE) {
        echo "add Successfull";
    }
}
$conn->close();

?>

```

#### **6.2.44 Getsubjectlist.php**

```

<?php

include 'conf.php';

if (isset($_GET['course'])) {
    $course = $_GET['course'];
}

if (isset($_GET['sem'])) {
    $sem = $_GET['sem'];
}

$sql = "SELECT * FROM subject WHERE CourseID = \".$course.\" AND Semester =
\".$sem.\" AND status <> 'Deleted';";

$result = mysqli_query($conn,$sql);
echo "<th>Subject ID</th><th>Subject Name</th><th>Duration</th><th></th><th></th>";
if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {
        echo "<tr>
            <td>".$info['Subject_ID']."</td>
            <td>".$info['Subject_Name']."</td>
            <td>".$info['duration']."</td>
            <td><button type='button' class='btn btn-info'
onclick='Edit(\".$info['id'].\")'>Edit</button></td>
            <td><button type='button' class='btn btn-danger'
onclick='Delete(\".$info['id'].\")'>Delete</button></td>
        </tr>";
    }
} else{
    echo "<tr><td>None</td></tr>";
}

```

```

$conn->close();

?>
6.2.45 Deletesubject.php
<?php

include 'conf.php';

if (isset($_GET['id'])) {
    $id = $_GET['id'];
}

$sql2 = "SELECT * FROM subject WHERE id = '".$id."';

$result = mysqli_query($conn,$sql2);

if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {
        $subjectid = $info['Subject_ID'];
    }
}

$sql = "UPDATE subject SET Status = 'Deleted' WHERE id = '".$id."';

if ($conn->query($sql) === TRUE) {
    echo "Subject Deleted\r\n";
}

$sql1 = "DELETE FROM classsubject WHERE subject_ID = '".$subjectid."';

if ($conn->query($sql1) === TRUE) {
    echo "This action wont Effect Current Timetable. Admin can manually remove from
timetable";
} else{
    echo "Error: " . $sql1 . "<br>" . $conn->error;
}

$conn->close();
?>

```

#### **6.2.46 Getsubjectinfo.php**

```

<?php

include 'conf.php';

if (isset($_GET['id'])) {

```

```

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

$sql = "SELECT * FROM subject WHERE id = '".$id."'";

$result = mysqli_query($conn,$sql);

if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {
        echo "<tr>
<td>Subject ID: </td>
<td>".$info['Subject_ID']."'</td>
</tr>
<tr>
<td>Subject Name</td>
<td><input id='subjectname' type='text' value='".$info['Subject_Name']."' style='width: 300px;'></td>
</tr>
<tr>
<td>Course ID</td>
<td>".$info['CourseID']."'</td>
</tr>
<tr>
<td>Semester</td>
<td>
<select id='sem'>";
        $sql2 = "SELECT semester.* ,course.* FROM semester,course WHERE
course.total_semester >= semester.Semester AND course.courseID = '".$info['CourseID']."'";

        $result2 = mysqli_query($conn,$sql2);
        if (mysqli_num_rows($result2) > 0) {
            while ($info2 = mysqli_fetch_array($result2)) {
                if ($info['Semester'] == $info2['Semester']) {
                    echo "<option value='".$info2['Semester']."' selected>SEM".$info2['Semester']."'</option>";
                }
                else{
                    echo "<option
value='".$info2['Semester']."'>SEM".$info2['Semester']."'</option>";
                }
            }
        }
        echo "</select>
</td>
</tr>
<tr>

```

```

<td>Duration</td>
<td>
<select id='duration'>
<option value='30"'; if ($info['duration'] == '30') {
    echo "selected";
}
echo ">30 minutes</option>
<option value='60"'; if ($info['duration'] == '60') {
    echo "selected";
}
echo ">1 hour</option>
<option value='90"'; if ($info['duration'] == '90') {
    echo "selected";
}
echo ">1 hour 30minutes</option>
<option value='120"'; if ($info['duration'] == '120') {
    echo "selected";
}
echo ">2hours</option>
<option value='150"'; if ($info['duration'] == '150') {
    echo "selected";
}
echo ">2hour 30 minutes</option>
<option value='180"'; if ($info['duration'] == '180') {
    echo "selected";
}
echo ">3hours</option>
</select>
</td>
</tr>
<tr>
<td></td>
<td><button type='button' class='btn btn-info' onclick='Update(\".$info['id'].\")'>Update</button></td>
</tr>";
}
}

$conn->close();
?>

```

#### **6.2.47 Editsubject.php**

```
<?php

include 'conf.php';

if (isset($_GET['id'])) {
    $id = $_GET['id'];
}

if (isset($_GET['subjectname'])) {
    $subjectname = $_GET['subjectname'];
}

if (isset($_GET['sem'])) {
    $sem = $_GET['sem'];
}

if (isset($_GET['duration'])) {
    $duration = $_GET['duration'];
}

$sql = "UPDATE subject SET Subject_Name = '".$subjectname."', Semester =
".$sem.", duration = '".$duration."' WHERE id = ".$id.";";

if ($conn->query($sql) === TRUE) {
    echo "Update Successful. This action wont change current timetable. Admin can
modify timetable manually.";
}

$conn->close();
?>
```

#### **6.2.48 Addintake.php**

```
<?php

include 'conf.php';

if (isset($_GET['Intake'])) {
    $intake = $_GET['Intake'];
}

$sql = "SELECT * FROM intake WHERE intake_id = ".$intake.";";

$result = mysqli_query($conn,$sql);

if (mysqli_num_rows($result) > 0) {
    echo "This Intake already exists";
```

```

}else{
    $sql2 = "INSERT INTO intake (intake_id,created_date) VALUES
    (".$intake.",now());";

    if ($conn->query($sql2) === TRUE) {
        echo "New Intake Added";
    }
}

?>

```

#### **6.2.49 Getintaketable.php**

```

<?php

include 'conf.php';

$sql = "SELECT * FROM intake";

$result = mysqli_query($conn,$sql);
echo "<tr><th>Intake</th><th>Create Date</th><th></th></tr>";
if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {
        echo "<tr>
            <td>".$info['intake_id']."</td>
            <td>".$info['created_date']."</td>
            <td><button type='button' class='btn btn-danger'
onclick='Delete(\".$info['id'].\")'>Delete</button></td>
        </tr>";
    }
} else{
    echo "<tr><td>None</td></tr>";
}

```

```

$conn->close();

?>

```

#### **6.2.50 Deleteintake.php**

```

<?php

if (isset($_GET['id'])) {
    $id = $_GET['id'];
}

include 'conf.php';

```

```

$sql = "SELECT intake.* , classsubject.* , class.* FROM intake INNER JOIN class on
class.Intake = intake.intake_id INNER JOIN classsubject on classsubject.intake =
intake.intake_id WHERE intake.id = '".$id."' ;";

$result = mysqli_query($conn,$sql);
if (mysqli_num_rows($result) > 0) {
    echo "This Intake have subject registered";
}
else{
    $sql3 = "SELECT * FROM intake WHERE id = '".$id."' ;

    $result = mysqli_query($conn,$sql3);
    if (mysqli_num_rows($result) > 0) {
        while ($info = mysqli_fetch_array($result)) {
            $intake = $info['intake_id'];
        }
    }
    $sql = "DELETE FROM intake WHERE id = '".$id."' ;";
    if ($conn->query($sql) === TRUE) {
        echo $intake . " Intake Deleted \r\n";
    }
}

$sql2 = "DELETE FROM class WHERE Intake = '".$intake."' ;";
if ($conn->query($sql2) === TRUE) {
    echo "All class in intake '".$intake."' is deleted.";
}
}

$conn->close();
?>

```

### **6.2.51 Addclass.php**

```

<?php

include 'conf2.php';

if (isset($_GET['course'])) {
    $course = $_GET['course'];
}

if (isset($_GET['classID'])) {
    $classID = $_GET['classID'];
}

if (isset($_GET['studentamount'])) {
    $studentamount = $_GET['studentamount'];
}

```

```

if (isset($_GET['intake'])) {
    $intake = $_GET['intake'];
}

if (isset($_GET['sem'])) {
    $sem = $_GET['sem'];
}

$sql1 = "SELECT * FROM class WHERE class_ID = '".$classID."";

$result = mysqli_query($conn,$sql1);

if (mysqli_num_rows($result) > 0) {
    echo "This Class ID already exists.";
}
else{
    $sql = "INSERT INTO class
(class_ID,student_amount,CourseID,Current_Sem,Intake) VALUES
('".$classID."','".$studentamount."','".$course."','".$sem."','".$intake."');"

    if ($conn->query($sql) === TRUE) {
        echo "Add Successful";

        $sql2 = "SELECT * FROM classsubject WHERE course_ID = '".$course."'
AND Intake = '".$intake."' AND Semester='".$sem."'";
        $result2 = mysqli_query($conn,$sql2);

        if (mysqli_num_rows($result2) > 0) {
            while ($info = mysqli_fetch_array($result2)) {

                $sql3 = "INSERT INTO classsubject
(class_ID,course_ID,subject_ID,duration,Lecturer,Semester,Intake) VAIUES
('".$classID."','".$course."','".$$info['subject_ID']."'","$info['duration']","$info['Lecturer']",
"$info['Semester']","$intake");"
                if ($conn->query($sql3) === TRUE) {
                    echo $info['subject_ID']. " - " . $intake. "Register
Successful please inform Lecturer -" . $info['Lecturer'] . " - to Register timetable\r\n";
                }
            }
        }
    }
}
else{
    echo "Error: " . $sql . "<br>" . $conn->error;
}

}

```

?>

### **6.2.52 Showclasslist.php**

```
<?php

session_start();

include 'conf.php';

$sql = "SELECT * FROM class";

$result = mysqli_query($conn,$sql);

echo "<tr><th>ID</th><th>Class ID</th><th>Student Amount</th><th>Course
ID</th><th>Current Sem</th><th>Intake</th><th></th><th></th><th></th></tr>";

if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {
        echo "<tr>
                <td id='id'>".$info['ID']."'</td>
                <td id='classid'>".$info['class_ID']."'</td>
                <td id='stundetamount'>".$info['student_amount']."'</td>
                <td id='courseid'>".$info['CourseID']."'</td>
                <td id='sem'>".$info['Current_Sem']."'</td>
                <td>".$info['Intake']."'</td>
                <td><button type='button' class='btn btn-info'
onclick='Edit(\".$info['ID'].\")'>Edit</button></td>
                <td><button type='button' class='btn btn-danger'
onclick='Delete(\".$info['ID'].\")'>Delete</button></td>
                <td><button type='button' class='btn btn-danger'
onclick='Drop(\".$info['ID'].\")'>Froce Drop</button></td>
            </tr>";
    }
} else{
    echo "<tr><td>None</td></tr>";
}

$conn->close();

?>
```

### **6.2.53 Deleteclass.php**

```
<?php

if (isset($_GET['id'])) {
    $id = $_GET['id'];
}

include 'conf.php';
```

```

$sql = "SELECT class.*,classsubject.* FROM classsubject INNER JOIN class on
classsubject.class_ID = class.class_ID WHERE class.id = ".$id.";";
$result = mysqli_query($conn,$sql);
if (mysqli_num_rows($result) > 0) {
    echo "This class have subject registered";
}
else{
    $sql1 = "DELETE FROM class WHERE id = ".$id.";";
    if ($conn->query($sql1) === TRUE) {
        echo "Delete Successful";
    }
}
?>

```

#### **6.2.54 Forcedrop.php**

```

<?php
include 'conf.php';

if (isset($_GET['id'])) {
    $id = $_GET['id'];
}

$sql = "SELECT * FROM class WHERE ID = ".$id.";";
$result = mysqli_query($conn,$sql);

if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {
        $sql1 = "DELETE FROM classsubject WHERE class_ID =
".$info['class_ID']."' AND Semester = ".$info['Current_Sem']."' AND Intake =
".$info['Intake']."'';";
        if ($conn->query($sql1) === TRUE) {
            echo "Force Drop Successful. This action will not effect Timetable.
Admin can modify timetable manually.";
        }
    }
}

$conn->close();
?>

```



### 6.2.55 Updateclassinfo.php

```
<?php

session_start();

include 'conf.php';

if (isset($_GET['id'])) {
    $id = $_GET['id'];
}

if (isset($_GET['classid'])) {
    $classid = $_GET['classid'];
}

if (isset($_GET['studentamount'])) {
    $studentamount = $_GET['studentamount'];
}

if (isset($_GET['courseid'])) {
    $courseid = $_GET['courseid'];
}

if (isset($_GET['currentsem'])) {
    $currentsem = $_GET['currentsem'];
}

$sql1 = "SELECT * FROM class WHERE ID = '".$id."';";

$result = mysqli_query($conn,$sql1);
if (mysqli_num_rows($result) > 0) {
    while ($info = mysqli_fetch_array($result)) {
        $sql2 = "SELECT * FROM classsubject WHERE class_ID =
        '".$info['class_ID']."'";

        $result2 = mysqli_query($conn,$sql2);
        if (mysqli_num_rows($result2) > 0) {
            echo "this class have timetable registered. Please drop the subject or
            delete this class";
        }
        else{
            $sql = "UPDATE class SET class_ID = '".$classid."',",
            student_amount='".$studentamount."', CourseID='".$courseid."',",
            Current_Sem='".$currentsem."' WHERE ID = '".$id."'";
            if ($conn->query($sql) === TRUE) {
                echo "Update Successful";
            }
        }
    }
}
```

?>

### **6.2.56 Updatestudentamount.php**

<?php

include 'conf.php';

```
if (isset($_GET['id'])) {  
    $id = $_GET['id'];  
}
```

```
if (isset($_GET['studentamount'])) {  
    $studentamount = $_GET['studentamount'];  
}
```

\$sql = "UPDATE class SET student\_amount = ".\$studentamount." WHERE id = ".\$id.";" ;

```
if ($conn->query($sql) === TRUE) {  
    echo "Student Amount Update Successful";  
}
```

\$conn->close();

?>

### **6.2.57 Updatesem.php**

<?php

session\_start();

include 'conf.php';

```
if (isset($_GET['id'])) {  
    $id = $_GET['id'];  
}
```

```
if (isset($_GET['currentsem'])) {  
    $currentsem = $_GET['currentsem'];  
}
```

\$sql = "UPDATE class SET Current\_Sem = ".\$currentsem." WHERE id = ".\$id.";" ;

```
if ($conn->query($sql) === TRUE) {  
    echo "Update Semester Successful.";  
}
```

\$conn->close();

```
?>
```

### 6.2.58 GetSelectionDndReplaceAdmin.php

```
<?php
```

```
session_start();  
include 'conf.php';
```

```
$color = array("red","blue","yellow","green");
```

```
$sql = "SELECT requestcancel.* , user_table.Name FROM requestcancel INNER JOIN  
user_table ON requestcancel.userName = user_table.userName where status ='Approved';";
```

```
$i = 0;  
$preventssubject = 0;  
$preventclass = 0;
```

```
$result = mysqli_query($conn,$sql);  
if (mysqli_num_rows($result) > 0) {  
    while ($info = mysqli_fetch_array($result)) {  
        $sql1 = "SELECT * FROM class WHERE class_ID = '".$info['class_ID']."'";
```

```
$result1 = mysqli_query($conn,$sql1);
```

```
if (mysqli_num_rows($result1) > 0) {  
    while ($info1 = mysqli_fetch_array($result1)) {  
        $student_amount = $info1['student_amount'];  
    }  
}
```

```
$sql2 = "SELECT * FROM user_table WHERE userName =  
'".$info['userName']."'";
```

```
$result2 = mysqli_query($conn,$sql2);
```

```
if (mysqli_num_rows($result2) > 0) {  
    while ($info2 = mysqli_fetch_array($result2)) {  
        $Lecturer = $info2['Name'];  
    }  
}
```

```
if ($preventssubject != 0 || $preventssubject != $info['Subject']) {  
    $i++;  
}  
else if ($preventclass != 0 || $preventclass != $info['class_ID']) {  
    $i++;  
}
```

```

        echo "<div data-subject='".$info['Subject']."' data-
requestid='".$info['requestID']."' id='".$info['Subject'].$info['class_ID']."' class='w3-tag w3-
padding w3-round-large w3-".$color[$i]."' w3-center' draggable='true'
ondragstart='drag(event)' data-duration='".$info['duration1']."' data-
student='".$student_amount."' data-class='".$info['class_ID']."' data-
course='".$info['Course']."'.">".$info['Subject']."<br>".$Lecturer."<br>".$info['class_ID']."'</di
v>";
        if ($i == count($color)-1) {
            $i = 0;
        }
        $preventsubject = $info['Subject'];
        $preventclass = $info['class_ID'];
    }
} else{
    echo "No Course Remain";
}
$conn->close();

?>
```

### **6.2.59 Admincancelclass.php**

```
<?php

session_start();
include 'conf.php';

if ($_SESSION['user'] != 'admin') {
    echo "Only Admin Can use this Function";
}
else{
if(isset($_GET['classroomID'])){
    $classroomID = $_GET['classroomID'];
}

if(isset($_GET['starttime'])){
    $starttime = $_GET['starttime'];
}

if(isset($_GET['endtime'])){
    $endtime = $_GET['endtime'];
}

if(isset($_GET['subject'])){
    $subject = $_GET['subject'];
}
```

```

if(isset($_GET['weekday'])){
    $weekday = $_GET['weekday'];
}

if(isset($_GET['date'])){
    $date = $_GET['date'];
}

if (isset($_GET['reason'])) {
    $reason = $_GET['reason'];
}
else{
    $reason = "Admin Canceled";
}

if (isset($_GET['detail'])) {
    $detail = $_GET['detail'];
}
else{
    $detail = "";
}

if(isset($_GET['duration'])){
    $duration = $_GET['duration'];
}

if(isset($_GET['duration1'])){
    $duration1 = $_GET['duration1'];
}

if (isset($_GET['classid'])) {
    $classid = $_GET['classid'];
}

if (isset($_GET['course'])) {
    $course = $_GET['course'];
}

$sql2 = "SELECT * FROM requestcancel WHERE classroomID = ". $classroomID . " AND
Subject = " . $subject . " AND startTime = " . $starttime . " AND endTime = " . $endtime .
" AND weekDay = " . $weekday . " AND date = " . $date . " AND class_ID = " . $classid . "
AND Course = " . $course . ";";

$result1 = mysqli_query($conn,$sql2);

if (mysqli_num_rows($result1) > 0) {
    while ($info = mysqli_fetch_array($result1)) {
        echo "This Class already requested";
}

```

```

        }
    }else{
        $sql = "SELECT classroomtimetable.* ,user_table.Name FROM classroomtimetable
INNER JOIN user_table ON classroomtimetable.userName = user_table.userName WHERE
classroomID = ".$classroomID . " AND subject_ID = " . $subject . " AND startTime = " .
$starttime . " AND endTime = " . $endtime . " AND weekDay = " . $weekday . " AND
status = 'Registered' AND class_ID = ".$classid." AND Course="" . $course . """;

        $result = mysqli_query($conn,$sql);

        if (mysqli_num_rows($result) > 0) {
            while ($info = mysqli_fetch_array($result)) {
                $userName = $info['userName'];
                $user = $info['Name'];
            }
        }

        if ($_SESSION['user'] == 'admin') {

            $sql1 = "INSERT INTO requestcancel
(classroomID,Subject,startTime,endTime,duration,duration1,weekDay,userName,reason,data
il,status,date,class_ID,Course) VALUES (" . $classroomID . "','" . $subject . "','" .
$starttime . "','" . $endtime . "','" . $duration1 . "','" . $duration . "','" . $weekday . "','" .
$(userName) . "','" . $reason . "','" . $detail . "','" . 'Approved' . "','" . $date .
"','" . $classid . "','" . $course . "');";

            $sql2 = "UPDATE classroomtimetable SET status='Canceled'
WHERE classroomID = ".$classroomID." AND subject_ID = ".$subject." AND startTime =
".$starttime." AND endTime = ".$endtime." AND duration = ".$duration1." AND
weekDay = ".$weekday." AND userName = ".$userName." AND status = 'Registered'
AND date = ".$date." AND class_id = ".$classid." AND Course = ".$course . ";";

            if ($conn->query($sql2) === TRUE) {
                if ($conn->query($sql1) === TRUE) {
                    echo "Class Canceled. Please ask user (".$user.") do
class replacement";
                }
            }else {
                echo "Error: " . $sql2 . "<br>" . $conn->error;
            }
        }else{
            echo "only Admin can use this function";
        }
    }else{
        echo "Class Undefine";
    }
}

```

```
}
```

```
$conn->close();
```

```
?>
```

### 6.2.60 Adminremovecoursetimetable.php

```
<?php

session_start();
include 'conf.php';

if(isset($_SESSION['user'])){
    $user = $_SESSION['user'];
}

if(isset($_GET['classroomID'])){
    $classroomID = $_GET['classroomID'];
}

if(isset($_GET['starttime'])){
    $starttime = $_GET['starttime'];
}

if(isset($_GET['endtime'])){
    $endtime = $_GET['endtime'];
}

if(isset($_GET['course'])){
    $course = $_GET['course'];
}

if(isset($_GET['weekday'])){
    $weekday = $_GET['weekday'];
}

if(isset($_GET['date'])){
    $date = $_GET['date'];
}

if (isset($_GET['reason'])) {
    $reason = $_GET['reason'];
}
else{
    $reason = "Admin Canceled";
}

if (isset($_GET['detail'])) {
    $detail = $_GET['detail'];
}
else{
    $detail = "";
}


```

```

if(isset($_GET['duration'])){
    $duration = $_GET['duration'];
}

if(isset($_GET['duration1'])){
    $duration1 = $_GET['duration1'];
}

if (isset($_GET['subject'])) {
    $subject = $_GET['subject'];
}

if (isset($_GET['classid'])) {
    $classid = $_GET['classid'];
}

if ($user == "admin") {

    $sql1 = "SELECT classroomtimetable.* ,user_table.Name FROM classroomtimetable
INNER JOIN user_table ON classroomtimetable.userName = user_table.userName WHERE
classroomID = '". $classroomID . "' AND Course = '" . $course . "' AND startTime = '" .
$starttime . "' AND endTime = '" . $endtime . "' AND weekDay = '" . $weekday . "' AND
status = 'Registered' AND subject_ID = '". $subject . "' AND class_ID = '". $classid . "';";

    $sql = "DELETE FROM classroomtimetable WHERE subject_ID LIKE '%" .
$subject . "%' AND class_ID = '". $classid . "'";

    $sql2 = "UPDATE classsubject SET status = " Where subject_ID = '". $subject . "'"
AND class_ID = '". $classid . "'";

    $sql3 = "DELETE FROM requestcancel WHERE Subject LIKE '%". $subject . "%'
AND class_ID = '". $classid . "'";

    $result = mysqli_query($conn,$sql1);
    if (mysqli_num_rows($result) > 0) {
        while($info = mysqli_fetch_array($result)){
            $Name = $info['Name'];
        }
        if($conn->query($sql) === TRUE){
            echo "Removed From Timetable";
            if ($conn->query($sql2)) {
                if($conn->query($sql3) === TRUE){
                    echo "This Class is removed from timetable. Please
inform teacher(\".$Name.\") to redo register timetable for the class.";
                }
            }
        }
    }
}

```

```

    }

}else{
    echo "only Admin can use this function";
}

$conn->close();
?>

```

### 6.2.61 Showuser.php

```

<?php

session_start();

include 'conf.php';

$sql = "SELECT * FROM user_table";

$result = mysqli_query($conn,$sql);

if (mysqli_num_rows($result) > 0) {
    echo "<tr>";
    echo "<th>User ID</th>";
    echo "<th>User Name</th>";
    echo "<th>Lecturer Name</th>";
    echo "<th>Email</th>";
    echo "<th>Phone</th>";
    echo "<th>Position</th>";
    echo "<th></th>";
    echo "</tr>";
    while ($info = mysqli_fetch_array($result)) {
        echo "<tr>";
        echo "<td>".$info['userID']. "</td>";
        echo "<td id='".$info['userName']."'>".$info['userName']. "</td>";
        echo "<td>".$info['Name']. "</td>";
        echo "<td>".$info['Email']. "</td>";
        echo "<td>".$info['Phone']. "</td>";
        echo "<td>".$info['position']. "</td>";
        if ($info['position']!='Admin') {
            echo "<td><button type='button' class='btn btn-danger'
onclick='deleteUser(this)'>Delete</button></td>";
        }
        echo "</tr>";
    }
}

```

```
$conn->close();  
?>
```

### 6.2.62 Getrequest.php

```
<?php

session_start();

include 'conf2.php';

if (isset($_SESSION['user'])) {
    $user = $_SESSION['user'];
}

if ($user == "admin") {

echo "<tr>
<th>
    Request ID
</th>
<th>
    Class Room ID
</th>
<th>
    Subejct
</th>
<th>
    Class
</th>
<th>
    Time
</th>
<th>
    Weekday
</th>
<th>
    User Name
</th>
<th>
    Reason
</th>
<th>
    Detail
</th>
<th>
    Date
</th>
<th>
    Status
</th>
```

```

<th>
    Approvement
</th>
</tr>";
$sql = "SELECT * FROM requestcancel WHERE status = 'Request Cancel';

$result = mysqli_query($conn,$sql);
if (mysqli_num_rows($result) > 0 ) {
    while ($info = mysqli_fetch_array($result)) {
        echo "<tr>
            <td id=\"".$info['requestID']."'>
                ".$info['requestID']."
            </td>
            <td>
                ".$info['classroomID']."
            </td>
            <td>
                ".$info['Subject']."
            </td>
            <td>
                ".$info['class_ID']."
            </td>
            <td data-start=\"".$info['startTime']."' data-
end=\"".$info['endTime']."'>
                ".$info['startTime']."' - ".$info['endTime']."'.
            </td>
            <td>
                ".$info['weekDay']."
            </td>
            <td>
                ".$info['userName']."
            </td>
            <td>
                ".$info['reason']."
            </td>
            <td>
                ".$info['detail']."
            </td>
            <td>
                ".$info['date']."
            </td>
            <td>
                ".$info['status']."
            </td>
            <td>
                <button
                    onclick='approve(this)'>Approve</button> <button onclick='reject(this)'>Deny</button>
            </td>
        </tr>
    ";
}
}

```

```

                </td>
            </tr>";
        }
    }else{
        echo "No Request";
    }
}
else{
    echo "Only Admin can view request";
}
?>

```

### 6.2.63 Approvecancel.php

```

<?php

include 'conf2.php';

session_start();

if (isset($_GET['requestID'])) {
    $requestID = $_GET['requestID'];
}

$sql = "SELECT * FROM requestcancel WHERE requestID = '".$requestID."';";

$result = mysqli_query($conn,$sql);

if(mysqli_num_rows($result) > 0){
    while ($info = mysqli_fetch_array($result)) {
        $classroomID = $info['classroomID'];
        $subject = $info['Subject'];
        $startTime = $info['startTime'];
        $endTime = $info['endTime'];
        $weekDay = $info['weekDay'];
        $userName = $info['userName'];
        $date = $info['date'];
        $duration1 = $info['duration1'];
        $duration = $info['duration'];
        $classid = $info['class_ID'];
    }
    $sql2 = "UPDATE requestcancel SET status = 'Approved' WHERE requestID =
    '".$requestID."';

    if($conn->query($sql2) === TRUE){

        $sql4 = "SELECT * FROM classroomtimetable WHERE classroomID =
        '".$classroomID."' AND subject_ID = '".$subject."' AND startTime = '".$startTime."' AND

```

```

endTime = ".$endTime." AND duration = ".$duration." AND weekDay = ".$weekDay."
AND(userName = ".$userName.") AND status = 'Registered' AND date = ".$date." AND
class_ID = ".$classid.");;

$result2 = mysqli_query($conn,$sql4);

if (mysqli_num_rows($result2) > 0) {

    $sql5 = "UPDATE classroomtimetable SET status='Canceled'
WHERE classroomID = ".$classroomID." AND subject_ID = ".$subject." AND startTime
= ".$startTime." AND endTime = ".$endTime." AND duration = ".$duration." AND
weekDay = ".$weekDay." AND userName = ".$userName." AND status = 'Registered'
AND date = ".$date." AND class_ID = ".$classid.");;

    if ($conn->query($sql5) === TRUE) {
        echo "Approved";
    }else{
        echo "Not Success";
    }
}
}

else{
    echo "Not Found Data";
}
$conn->close();
?>

```

#### 6.2.64 Rejectcancel.php

```
<?php

session_start();
include 'conf.php';

if (isset($_GET['requestID'])) {
    $requestID = $_GET['requestID'];
}

$sql = "SELECT * FROM requestcancel WHERE requestID = ".$requestID.";";
$result = mysqli_query($conn,$sql);

if(mysqli_num_rows($result) > 0){
    $sql2 = "UPDATE requestcancel SET status = 'Rejected' WHERE
requestID = ".$requestID."";
    if($conn->query($sql2) === TRUE){
        echo "Rejected";
    }
}
else{
    echo "Not Found Data";
}

$conn->close();
?>
```

### 6.3 Data Base (MYSQL)

```
-- phpMyAdmin SQL Dump
-- version 5.0.2
-- https://www.phpmyadmin.net/
--
-- Host: 127.0.0.1
-- Generation Time: Apr 15, 2020 at 05:21 PM
-- Server version: 10.4.11-MariaDB
-- PHP Version: 7.4.4

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
START TRANSACTION;
SET time_zone = "+00:00";

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;

--
-- Database: `timetable`
--

-----
-- Table structure for table `class`
--

CREATE TABLE `class` (
  `ID` int(11) NOT NULL,
  `class_ID` varchar(200) NOT NULL,
  `student_amount` int(6) NOT NULL,
  `CourseID` varchar(200) NOT NULL,
  `Current_Sem` int(11) NOT NULL,
  `Intake` varchar(200) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

--
-- Dumping data for table `class`
--

INSERT INTO `class` (`ID`, `class_ID`, `student_amount`, `CourseID`, `Current_Sem`, `Intake`) VALUES
(16, 'SEMD201 - G1', 40, 'SEMD', 1, 'Jan 2020'),
(29, 'CCGG205 - G1', 20, 'CCGG', 2, 'May 2020'),
(30, 'CCGG205 - G2', 20, 'CCGG', 2, 'May 2020'),
(31, 'SEMD205 - G1', 20, 'SEMD', 1, 'May 2020');
```

```
--  
-- Table structure for table `classcategory`  
  
CREATE TABLE `classcategory` (  
    `id` int(3) NOT NULL,  
    `type` varchar(200) DEFAULT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
  
--  
-- Dumping data for table `classcategory`  
  
INSERT INTO `classcategory` (`id`, `type`) VALUES  
(1, 'Computer Lab'),  
(2, 'Normal Class Room'),  
(3, 'Coffee Room'),  
(4, 'Music Room'),  
(5, 'Meeting Room');  
  
--  
-- Table structure for table `classroom`  
  
CREATE TABLE `classroom` (  
    `id` int(11) NOT NULL,  
    `classroomID` varchar(200) DEFAULT NULL,  
    `classCapacity` int(10) DEFAULT NULL,  
    `category` varchar(200) NOT NULL,  
    `computerAmount` int(200) NOT NULL,  
    `projectorAmount` int(200) DEFAULT NULL,  
    `Status` varchar(200) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
  
--  
-- Dumping data for table `classroom`  
  
INSERT INTO `classroom` (`id`, `classroomID`, `classCapacity`, `category`, `computerAmount`,  
    `projectorAmount`, `Status`) VALUES  
(1, '108', 50, 'Computer Lab', 50, 2, 'Available'),  
(2, '107', 35, 'Computer Lab', 35, 1, 'Available'),  
(3, '106', 30, 'Computer Lab', 35, 1, 'Available'),
```

```
(4, '105', 40, 'Computer Lab', 30, 1, 'Available');
```

```
--  
-- Table structure for table `classroomtimetable`  
--
```

```
CREATE TABLE `classroomtimetable` (  
    `classroomID` varchar(200) DEFAULT NULL,  
    `Course` varchar(200) DEFAULT NULL,  
    `startTime` varchar(200) DEFAULT NULL,  
    `endTime` varchar(200) DEFAULT NULL,  
    `duration` varchar(200) DEFAULT NULL,  
    `weekDay` varchar(200) NOT NULL,  
    `userName` varchar(200) NOT NULL,  
    `status` varchar(200) NOT NULL,  
    `date` date NOT NULL,  
    `class_ID` varchar(200) NOT NULL,  
    `subject_ID` varchar(200) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--  
-- Dumping data for table `classroomtimetable`  
--
```

```
INSERT INTO `classroomtimetable` (`classroomID`, `Course`, `startTime`, `endTime`, `duration`,  
    `weekDay`, `userName`, `status`, `date`, `class_ID`, `subject_ID`) VALUES  
    ('106', 'CCGG', '1000', '1300', '3 hours 0 mins', 'Wednesday', 'admin', 'Registered', '2020-04-15',  
    'CCGG205 - G1', 'CCGG001'),  
    ('106', 'CCGG', '1000', '1300', '3 hours 0 mins', 'Wednesday', 'admin', 'Registered', '2020-04-22',  
    'CCGG205 - G1', 'CCGG001'),  
    ('106', 'CCGG', '1000', '1300', '3 hours 0 mins', 'Wednesday', 'admin', 'Registered', '2020-04-29',  
    'CCGG205 - G1', 'CCGG001'),  
    ('106', 'CCGG', '1000', '1300', '3 hours 0 mins', 'Wednesday', 'admin', 'Registered', '2020-05-06',  
    'CCGG205 - G1', 'CCGG001'),  
    ('106', 'CCGG', '1000', '1300', '3 hours 0 mins', 'Wednesday', 'admin', 'Registered', '2020-05-13',  
    'CCGG205 - G1', 'CCGG001'),  
    ('106', 'CCGG', '1000', '1300', '3 hours 0 mins', 'Wednesday', 'admin', 'Registered', '2020-05-20',  
    'CCGG205 - G1', 'CCGG001'),  
    ('106', 'CCGG', '1000', '1300', '3 hours 0 mins', 'Wednesday', 'admin', 'Registered', '2020-05-27',  
    'CCGG205 - G1', 'CCGG001'),  
    ('106', 'CCGG', '1000', '1300', '3 hours 0 mins', 'Wednesday', 'admin', 'Registered', '2020-06-03',  
    'CCGG205 - G1', 'CCGG001'),  
    ('106', 'CCGG', '1000', '1300', '3 hours 0 mins', 'Wednesday', 'admin', 'Registered', '2020-06-10',  
    'CCGG205 - G1', 'CCGG001'),  
    ('106', 'CCGG', '1000', '1300', '3 hours 0 mins', 'Wednesday', 'admin', 'Registered', '2020-06-17',  
    'CCGG205 - G1', 'CCGG001'),
```



















```

-- Table structure for table `classsubject`
--

CREATE TABLE `classsubject` (
  `id` int(11) NOT NULL,
  `class_ID` varchar(200) NOT NULL,
  `course_ID` varchar(200) NOT NULL,
  `subject_ID` varchar(200) NOT NULL,
  `duration` int(6) NOT NULL,
  `status` varchar(200) NOT NULL,
  `Lecturer` varchar(200) NOT NULL,
  `Semester` int(11) NOT NULL,
  `Intake` varchar(200) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

--

-- Dumping data for table `classsubject`
--


INSERT INTO `classsubject` (`id`, `class_ID`, `course_ID`, `subject_ID`, `duration`, `status`, `Lecturer`, `Semester`, `Intake`) VALUES
(1, 'CCGG205 - G1', 'CCGG', 'CCGG001', 180, 'Registered', 'Admin', 1, 'May 2020'),
(2, 'CCGG205 - G2', 'CCGG', 'CCGG001', 180, 'Registered', 'Admin', 1, 'May 2020'),
(3, 'CCGG205 - G1', 'CCGG', 'CCGG002', 180, 'Registered', 'Admin', 1, 'May 2020'),
(4, 'CCGG205 - G2', 'CCGG', 'CCGG002', 180, 'Registered', 'Admin', 1, 'May 2020'),
(5, 'CCGG205 - G1', 'CCGG', 'CCGG003', 180, 'Registered', 'Admin', 1, 'May 2020'),
(6, 'CCGG205 - G2', 'CCGG', 'CCGG003', 180, 'Registered', 'Admin', 1, 'May 2020'),
(7, 'CCGG205 - G1', 'CCGG', 'CCGG009', 180, 'Registered', 'Admin', 2, 'May 2020'),
(8, 'CCGG205 - G2', 'CCGG', 'CCGG009', 180, 'Registered', 'Admin', 2, 'May 2020'),
(9, 'SEMD205 - G1', 'SEMD', 'SEMD001', 180, 'Registered', 'Admin', 1, 'May 2020'),
(10, 'SEMD205 - G1', 'SEMD', 'SEMD002', 180, 'Registered', 'Admin', 1, 'May 2020'),
(11, 'SEMD205 - G1', 'SEMD', 'SEMD003', 180, 'Registered', 'Admin', 1, 'May 2020'),
(12, 'SEMD205 - G1', 'SEMD', 'SEMD004', 180, 'Registered', 'Admin', 1, 'May 2020'),
(13, 'SEMD201 - G1', 'SEMD', 'SEMD001', 180, 'Registered', 'Admin', 1, 'Jan 2020'),
(14, 'SEMD201 - G1', 'SEMD', 'SEMD002', 180, 'Registered', 'Admin', 1, 'Jan 2020'),
(15, 'SEMD201 - G1', 'SEMD', 'SEMD003', 180, 'Registered', 'Admin', 1, 'Jan 2020'),
(16, 'SEMD201 - G1', 'SEMD', 'SEMD004', 180, 'Registered', 'Admin', 1, 'Jan 2020');

-----


-- Table structure for table `course`
--


CREATE TABLE `course` (
  `id` int(3) NOT NULL,
  `courseID` varchar(200) DEFAULT NULL,
  `courseName` varchar(200) DEFAULT NULL,

```

```

`total_semester` int(11) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- 
-- Dumping data for table `course`
-- 

INSERT INTO `course` (`id`, `courseID`, `courseName`, `total_semester`) VALUES
(6, 'SEMD', 'Software Engineer and mobile Application Developer', 6),
(15, 'CCGG', 'Computer Game', 6);

-----
-- 
-- Table structure for table `intake`
-- 

CREATE TABLE `intake` (
`id` int(11) NOT NULL,
`intake_id` varchar(200) NOT NULL,
`created_date` date NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-- 
-- Dumping data for table `intake`
-- 

INSERT INTO `intake` (`id`, `intake_id`, `created_date`) VALUES
(10, 'Jan 2020', '2020-04-10'),
(18, 'May 2020', '2020-04-15');

-----
-- 
-- Table structure for table `register_user`
-- 

CREATE TABLE `register_user` (
`id` varchar(100) NOT NULL,
`email` varchar(200) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- 
-- Table structure for table `requestcancel`
-- 

```

```
CREATE TABLE `requestcancel` (
  `requestID` int(11) NOT NULL,
  `classroomID` varchar(200) DEFAULT NULL,
  `Course` varchar(200) NOT NULL,
  `Subject` varchar(200) DEFAULT NULL,
  `class_ID` varchar(200) NOT NULL,
  `startTime` varchar(200) DEFAULT NULL,
  `endTime` varchar(200) DEFAULT NULL,
  `duration` varchar(200) DEFAULT NULL,
  `duration1` varchar(200) NOT NULL,
  `weekDay` varchar(200) DEFAULT NULL,
  `userName` varchar(200) DEFAULT NULL,
  `reason` varchar(200) NOT NULL,
  `detail` varchar(2000) DEFAULT NULL,
  `status` varchar(200) NOT NULL,
  `date` date DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

---

```
-- 
-- Table structure for table `semester`
--

CREATE TABLE `semester` (
  `Semester` int(6) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

```
-- 
-- Dumping data for table `semester`
--

INSERT INTO `semester` (`Semester`) VALUES
(1),
(2),
(3),
(4),
(5),
(6);
```

---

```
-- 
-- Table structure for table `subject`
--
```

```
CREATE TABLE `subject` (
  `id` int(6) NOT NULL,
```

```

`Subject_ID` varchar(200) NOT NULL,
`Subject_Name` varchar(200) NOT NULL,
`CourseID` varchar(200) NOT NULL,
`Semester` int(6) NOT NULL,
`Lecturer` varchar(200) NOT NULL,
`duration` int(20) NOT NULL,
`Status` varchar(200) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-- 
-- Dumping data for table `subject`
-- 

INSERT INTO `subject` (`id`, `Subject_ID`, `Subject_Name`, `CourseID`, `Semester`, `Lecturer`, `duration`, `Status`) VALUES
(2, 'SEMD001', 'New to Software', 'SEMD', 1, "", 180, ""),
(3, 'SEMD002', 'New to Software2', 'SEMD', 1, "", 180, ""),
(4, 'SEMD003', 'New to Software3', 'SEMD', 1, "", 180, ""),
(5, 'SEMD004', 'New to Software4', 'SEMD', 1, "", 180, ""),
(32, 'CCGG001', 'Introduction to Computer Game', 'CCGG', 1, "", 180, ""),
(33, 'CCGG002', 'Introduction to Computer Game2', 'CCGG', 1, "", 180, ""),
(34, 'CCGG003', 'Introduction to Computer Game3', 'CCGG', 1, "", 180, ""),
(35, 'CCGG009', 'Introduction to Computer Game9', 'CCGG', 2, "", 180, "");

-----



-- 
-- Table structure for table `user_table`
-- 

CREATE TABLE `user_table` (
`userID` int(16) NOT NULL,
`userName` varchar(200) DEFAULT NULL,
`userPassword` varchar(200) DEFAULT NULL,
`Name` varchar(200) DEFAULT NULL,
`Email` varchar(200) DEFAULT NULL,
`Phone` varchar(200) DEFAULT NULL,
`position` varchar(200) NOT NULL,
`image` blob NOT NULL,
`imagetype` varchar(2000) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- 
-- Dumping data for table `user_table`
-- 

INSERT INTO `user_table` (`userID`, `userName`, `userPassword`, `Name`, `Email`, `Phone`, `position`, `image`, `imagetype`) VALUES

```

```
(1, 'admin', 'admin', 'Admin', 'admin@gmail.com', '011-1123128', 'Admin', "", ""),
(18, 'Loo Zhen Xi', 'loozhenxi', 'Loo Zhen Xi', 'zhenxinewera@gmail.com', '012-3456789', 'Teacher', "", "");

-- 
-- Indexes for dumped tables
-- 

-- 
-- Indexes for table `class`
-- 
ALTER TABLE `class`
ADD PRIMARY KEY (`ID`);

-- 
-- Indexes for table `classcategory`
-- 
ALTER TABLE `classcategory`
ADD PRIMARY KEY (`id`);

-- 
-- Indexes for table `classroom`
-- 
ALTER TABLE `classroom`
ADD PRIMARY KEY (`id`);

-- 
-- Indexes for table `classsubject`
-- 
ALTER TABLE `classsubject`
ADD PRIMARY KEY (`id`);

-- 
-- Indexes for table `course`
-- 
ALTER TABLE `course`
ADD PRIMARY KEY (`id`);

-- 
-- Indexes for table `intake`
-- 
ALTER TABLE `intake`
ADD PRIMARY KEY (`id`);

-- 
-- Indexes for table `requestcancel`
-- 
ALTER TABLE `requestcancel`
```

```

ADD PRIMARY KEY (`requestID`);

-- 
-- Indexes for table `semester`
-- 

ALTER TABLE `semester`
ADD PRIMARY KEY (`Semester`);


-- 
-- Indexes for table `subject`
-- 

ALTER TABLE `subject`
ADD PRIMARY KEY (`id`);


-- 
-- Indexes for table `user_table`
-- 

ALTER TABLE `user_table`
ADD PRIMARY KEY (`userID`);


-- 
-- AUTO_INCREMENT for dumped tables
-- 

-- 
-- AUTO_INCREMENT for table `class`
-- 

ALTER TABLE `class`
MODIFY `ID` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=32;

-- 
-- AUTO_INCREMENT for table `classcategory`
-- 

ALTER TABLE `classcategory`
MODIFY `id` int(3) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=6;

-- 
-- AUTO_INCREMENT for table `classroom`
-- 

ALTER TABLE `classroom`
MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=5;

-- 
-- AUTO_INCREMENT for table `classsubject`
-- 

ALTER TABLE `classsubject`
MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=17;

```

```

-- 
-- AUTO_INCREMENT for table `course` 
-- 
ALTER TABLE `course` 
MODIFY `id` int(3) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=16; 

-- 
-- AUTO_INCREMENT for table `intake` 
-- 
ALTER TABLE `intake` 
MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=19; 

-- 
-- AUTO_INCREMENT for table `requestcancel` 
-- 
ALTER TABLE `requestcancel` 
MODIFY `requestID` int(11) NOT NULL AUTO_INCREMENT; 

-- 
-- AUTO_INCREMENT for table `semester` 
-- 
ALTER TABLE `semester` 
MODIFY `Semester` int(6) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=7; 

-- 
-- AUTO_INCREMENT for table `subject` 
-- 
ALTER TABLE `subject` 
MODIFY `id` int(6) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=36; 

-- 
-- AUTO_INCREMENT for table `user_table` 
-- 
ALTER TABLE `user_table` 
MODIFY `userID` int(16) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=19; 
COMMIT; 

/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */; 
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */; 
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;

```

# 7.0 PROJECT PROPOSAL FORM

---

**Student name:** Loo Zhen Xi

**Student ID No:** 1850170    **Email Address:** loozhenxi5253@e.djzhlc.edu.my

**Project title:** Classroom Timetable Management System

**Supervisor:** Ng Wai Kong

**Brief description of project:**

This system built to make class room timetable in orderly and flexible, avoid class member more than classroom member capacity and time collision. This system allow admin to manage the whole class room timetable and teacher allow to register classroom with selected class and number of member in class, and register timetable for the class. And student only can view the timetable as a viewer. This system will be real time online selection to save the admin and Teacher time to register classroom or timetable.

The challenges of this system is manage the huge database and connection between the teacher and admin database, a lot of php and javascript connect to the system making it complication. And all of this need to done in a flexible and simple UI control.

**Features of this system: -**

1. Classroom Register with number of class member and teacher name.
2. Flexible and user-friendly experience, drag and drop method.
3. Admin have full control of the system.

Student Signature: .....

Project Manager Signature: .....

Date: .....

# 8.0 PROJECT SPECIFICATION FORM

**Student name:** Loo Zhen Xi

**Student ID No:** 1850170

**Intake:** MAY 2018

**Email Address:** loozhenxi5253@e.djzhlc.edu.my

**Project title:** Classroom Timetable System

**Supervisor:** Ng Wai Kong

## 1. Brief description of project background.

The classroom timetable in use now is totally human hand work with using excel and it cost a lot of time by typing one on one to do a single timetable. With hand working is easy to make mistake like insert into the incorrect time or incorrect class, while we found the mistake were made we need to modify again the excel file and re-upload the file to server again this and this also cost some time.

One solution to solve those problem is “Classroom Timetable System” this is an online web system which available anywhere and anywhere while having internet connection. Every modify doing in this system will directly update to the database and response on the website. And this system provide a flexible modify method which is drag and drop insert to the timetable, this could solve the problem with miss typing the class or date in the timetable and also save the time typing.

This system also provide a register classroom to make sure your selection class while inserting the classroom timetable.

## 2. Brief description of project objectives. (i.e. scope of proposal and deliverables)

- 1) Provide an Online Web Classroom timetable System enable user to register class in this timetable.
- 2) Create a flexible way to allow user insert class to timetable saving user time.
- 3) Provide online server for user able to modify data everywhere with internet connection.

3. Brief description of the resources needed by the proposal. (i.e. hardware, software, access to information/expertise, user involvement etc.)

**Hardware:**

- 1) I7-4720HQ Intel processor
- 2) Minimum 4GB RAM
- 3) 240GB SSD
- 4) Internet connection(LAN or WIFI)

**Software:**

- 1) Sublime Text 3
- 2) 64bit Windows 10 Operating System
- 3) XAMPP Control Panel
- 4) Google Chrome

**Personnel:**

- 1) Project Assessor
- 2) Project Supervisor
- 3) Experts:
  - a. Lecturer
  - b. SQL server expert
- 4) Testing Personnel
  - a. Colleagues
  - b. Friend

**Others:**

- 1) Research from Internet. (w3school, etc...)

4. Academic research being carried out and other information, techniques being learnt. (i.e. What are the names of the books you are going to read / data sets you are going to use and why.)

**Google.com:**

Based on Google search engine with huge database it provide a lot of information about script, function, error and solution. It help saving time on programming and problem solving.

**W3Schools.com:**

This website have a lot basic JavaScript, HTML, PHP function or method. It provide reference to programming, problem solve and speed up the coding process.

5. Brief description of the development plan for the proposed project. (i.e. which software methodology and why, the major areas or functions to be developed and the order in which they will be developed)

- 1) Imaging the project work like.
- 2) Think and do research to feasibility of the project.
- 3) Imaging project flow.
- 4) Create ERD diagram identify database needed.
- 5) Create database.
- 6) Create WBS and Gant Chart.
- 7) Create logic flow.
- 8) Create draft of page.
- 9) Starting create page and function.
- 10) Test error.
- 11) Debug error.
- 12) Check any add-on function or page needed.
- 13) Run until no error.
- 14) Compilation of project documentation.
- 15) Project presentation.

6. Brief description of the evaluation and test plan for the proposed project. (i.e. what is the success criteria and how will be evaluated & implementation will be tested, indicate the estimated size of the demonstration/test database).

**1) Usability Testing**

- Test the site Navigation working correctly. (Menu, button, link)
- Checking Content spelling and grammatical errors.

**2) Database Testing**

- Test all the database connection working correctly able to carry out the correct information.
- Check database response, check data update, insert, and delete function correctly.

**3) Security Testing**

- Check function only work on right access.
- Check Data can't edit by unauthorized method.

**Success criteria:**

- 1) User able to login/logout.
- 2) User able to register class.
- 3) User able to insert class and time to timetable.
- 4) Admin able to accept or deny timetable.
- 5) Admin able to modify timetable.
- 6) Admin able to remove timetable.

The Supervisor and Project Manager should sign in the space provided below to indicate that the necessary resources (including supervision time/expertise) are available for the proposal.

Supervisor's signature: .....

Date: .....

# **9.0 PROJECT WEEKLY REPORT**

## **Project Weekly Report**

### **Notes on use of the weekly report**

1. This report is designed for meeting of more than 10 minutes duration, of which there should be at least ten during the course of the project.
  2. The student should prepare for the supervisory meeting by deciding which questions he or she needs to ask the supervisor and what progress has been made (if any) since the last meeting and noting these in the relevant sections of the form, effectively forming an agenda for the meeting;
  3. The business of the meeting should be noted briefly in the relevant section of the form;
  4. The actions on the student (and, perhaps the supervisor), which should be carried out before the next meeting should be noted briefly in the relevant section of the form;
  5. The report is one of the deliverables from the project and is an important record of the student's organisation and learning experience. The student should ensure that it is handed in as an appendix of the report, with sheets dated and numbered consecutively;
- 

|                                    |                        |                    |
|------------------------------------|------------------------|--------------------|
| <b>Student's name:</b> Loo Zhen Xi | <b>Date:</b> 14/1/2020 | <b>Sheet no. 1</b> |
|------------------------------------|------------------------|--------------------|

|  |
|--|
| <b>Project title:</b> Classroom Timetable System |
|--|

|   |
|---|
| <b>Supervisor's name:</b> Mr..Ng WAI KONG |
|---|

|                   |
|-------------------|
| <b>Next Week:</b> |
|-------------------|

- Identify title and scope of the project (proposal), Start planning WBS, create ERD and identify database, create database and table.

Student Signature: .....

Supervisor Signature: .....

Date: .....

## Project Weekly Report

### Notes on use of the weekly report

1. This report is designed for meeting of more than 10 minutes duration, of which there should be at least ten during the course of the project.
  2. The student should prepare for the supervisory meeting by deciding which questions he or she needs to ask the supervisor and what progress has been made (if any) since the last meeting and noting these in the relevant sections of the form, effectively forming an agenda for the meeting;
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  5. The report is one of the deliverables from the project and is an important record of the student's organisation and learning experience. The student should ensure that it is handed in as an appendix of the report, with sheets dated and numbered consecutively;
- 

**Student's name:** Loo Zhen Xi

**Date:** 07/2/2020

**Sheet no. 2**

**Project title:** Classroom Timetable System

**Supervisor's name:** Mr.Ng Wai Kong

#### Completed:

- Predict project required time
- Create Gantt Chart
- Design home page
- Timetable page

#### This week process:

- Predict project required time, Create Gantt Chart, Design home page and timetable page.

Student Signature: .....

Supervisor Signature: .....

Date: .....

## Project Weekly Report

### Notes on use of the weekly report

1. This report is designed for meeting of more than 10 minutes duration, of which there should be at least ten during the course of the project.
  2. The student should prepare for the supervisory meeting by deciding which questions he or she needs to ask the supervisor and what progress has been made (if any) since the last meeting and noting these in the relevant sections of the form, effectively forming an agenda for the meeting;
  3. The business of the meeting should be noted briefly in the relevant section of the form;
  4. The actions on the student (and, perhaps the supervisor), which should be carried out before the next meeting should be noted briefly in the relevant section of the form;
  5. The report is one of the deliverables from the project and is an important record of the student's organisation and learning experience. The student should ensure that it is handed in as an appendix of the report, with sheets dated and numbered consecutively;
- 

**Student's name:** Loo Zhen Xi

**Date:** 14/2/2020

**Sheet no. 3**

**Project title:** Classroom Timetable System

**Supervisor's name:** Mr.Ng Wai Kong

#### Completed:

- Predict project required time
- Create Gantt Chart
- Design home page(draft)
- Timetable page(draft)

#### This week process:

- Identify needed sub-page and create draft.
- Draw the process flow connection between page
- Identify needed function

Student Signature: .....

Supervisor Signature: .....

Date: .....

## **Project Weekly Report**

### **Notes on use of the weekly report**

1. This report is designed for meeting of more than 10 minutes duration, of which there should be at least ten during the course of the project.
  2. The student should prepare for the supervisory meeting by deciding which questions he or she needs to ask the supervisor and what progress has been made (if any) since the last meeting and noting these in the relevant sections of the form, effectively forming an agenda for the meeting;
  3. The business of the meeting should be noted briefly in the relevant section of the form;
  4. The actions on the student (and, perhaps the supervisor), which should be carried out before the next meeting should be noted briefly in the relevant section of the form;
  5. The report is one of the deliverables from the project and is an important record of the student's organisation and learning experience. The student should ensure that it is handed in as an appendix of the report, with sheets dated and numbered consecutively;
- 

**Student's name:** Loo Zhen Xi

**Date:** 20/2/2020

**Sheet no. 4**

**Project title:** Classroom Timetable System

**Supervisor's name:** Mr.Ng Wai Kong

#### **Completed:**

- Identify needed sub-page and create draft.
- Draw the process flow connection between page
- Identify needed function

#### **Next week process:**

- Create Main page and Main function

Student Signature: .....

Supervisor Signature: .....

Date: .....

## Project Weekly Report

### Notes on use of the weekly report

1. This report is designed for meeting of more than 10 minutes duration, of which there should be at least ten during the course of the project.
  2. The student should prepare for the supervisory meeting by deciding which questions he or she needs to ask the supervisor and what progress has been made (if any) since the last meeting and noting these in the relevant sections of the form, effectively forming an agenda for the meeting;
  3. The business of the meeting should be noted briefly in the relevant section of the form;
  4. The actions on the student (and, perhaps the supervisor), which should be carried out before the next meeting should be noted briefly in the relevant section of the form;
  5. The report is one of the deliverables from the project and is an important record of the student's organisation and learning experience. The student should ensure that it is handed in as an appendix of the report, with sheets dated and numbered consecutively;
- 

**Student's name:** Loo Zhen Xi

**Date:** 27/2/2020

**Sheet no. 5**

**Project title:** Classroom Timetable System

**Supervisor's name:** Mr.Ng Wai Kong

#### **Completed:**

- Create Main page and Main function

#### **Next week process:**

- Finish the following function having connection between Main Page(Login ,timetable connect with database)

Student Signature: .....

Supervisor Signature: .....

Date: .....

## **Project Weekly Report**

### **Notes on use of the weekly report**

1. This report is designed for meeting of more than 10 minutes duration, of which there should be at least ten during the course of the project.
  2. The student should prepare for the supervisory meeting by deciding which questions he or she needs to ask the supervisor and what progress has been made (if any) since the last meeting and noting these in the relevant sections of the form, effectively forming an agenda for the meeting;
  3. The business of the meeting should be noted briefly in the relevant section of the form;
  4. The actions on the student (and, perhaps the supervisor), which should be carried out before the next meeting should be noted briefly in the relevant section of the form;
  5. The report is one of the deliverables from the project and is an important record of the student's organisation and learning experience. The student should ensure that it is handed in as an appendix of the report, with sheets dated and numbered consecutively;
- 

**Student's name:** Loo Zhen Xi

**Date:** 7/3/2020

**Sheet no. 6**

**Project title:** Classroom Timetable System

**Supervisor's name:** Mr.Ng Wai Kong

#### **Completed:**

- Finished the following function having connection between Main Page(Login ,timetable connect with database)

#### **Next week process:**

- Create Sub-Page of the project. (Register classroom, Cancel class)

Student Signature: .....

Supervisor Signature: .....

Date: .....

## Project Weekly Report

### Notes on use of the weekly report

1. This report is designed for meeting of more than 10 minutes duration, of which there should be at least ten during the course of the project.
  2. The student should prepare for the supervisory meeting by deciding which questions he or she needs to ask the supervisor and what progress has been made (if any) since the last meeting and noting these in the relevant sections of the form, effectively forming an agenda for the meeting;
  3. The business of the meeting should be noted briefly in the relevant section of the form;
  4. The actions on the student (and, perhaps the supervisor), which should be carried out before the next meeting should be noted briefly in the relevant section of the form;
  5. The report is one of the deliverables from the project and is an important record of the student's organisation and learning experience. The student should ensure that it is handed in as an appendix of the report, with sheets dated and numbered consecutively;
- 

**Student's name:** Loo Zhen Xi

**Date:** 13/3/2020

**Sheet no. 7**

**Project title:** Classroom Timetable System

**Supervisor's name:** Mr.Ng Wai Kong

#### Completed:

- Create Sub-Page of the project. (Replace Class, Cancel class)

#### Next week process:

- Finish the Sub-Page function.

Student Signature: .....

Supervisor Signature: .....

Date: .....

## Project Weekly Report

### Notes on use of the weekly report

1. This report is designed for meeting of more than 10 minutes duration, of which there should be at least ten during the course of the project.
  2. The student should prepare for the supervisory meeting by deciding which questions he or she needs to ask the supervisor and what progress has been made (if any) since the last meeting and noting these in the relevant sections of the form, effectively forming an agenda for the meeting;
  3. The business of the meeting should be noted briefly in the relevant section of the form;
  4. The actions on the student (and, perhaps the supervisor), which should be carried out before the next meeting should be noted briefly in the relevant section of the form;
  5. The report is one of the deliverables from the project and is an important record of the student's organisation and learning experience. The student should ensure that it is handed in as an appendix of the report, with sheets dated and numbered consecutively;
- 

**Student's name:** Loo Zhen Xi

**Date:** 20/3/2020

**Sheet no. 8**

**Project title:** Classroom Timetable System

**Supervisor's name:** Mr.Ng Wai Kong

#### **Completed:**

- Finish the Sub-Page function.

#### **Next week process:**

- Combine Sub-Page to Main page.

Student Signature: .....

Supervisor Signature: .....

Date: .....

## Project Weekly Report

### Notes on use of the weekly report

1. This report is designed for meeting of more than 10 minutes duration, of which there should be at least ten during the course of the project.
  2. The student should prepare for the supervisory meeting by deciding which questions he or she needs to ask the supervisor and what progress has been made (if any) since the last meeting and noting these in the relevant sections of the form, effectively forming an agenda for the meeting;
  3. The business of the meeting should be noted briefly in the relevant section of the form;
  4. The actions on the student (and, perhaps the supervisor), which should be carried out before the next meeting should be noted briefly in the relevant section of the form;
  5. The report is one of the deliverables from the project and is an important record of the student's organisation and learning experience. The student should ensure that it is handed in as an appendix of the report, with sheets dated and numbered consecutively;
- 

**Student's name:** Loo Zhen Xi

**Date:** 26/3/2020

**Sheet no. 9**

**Project title:** Classroom Timetable System

**Supervisor's name:** Mr.Ng Wai Kong

#### **Completed:**

- Combine Sub-Page to Main page.

#### **Next week process:**

- Run Testing.
- Find and identify project error or defect.

Student Signature: .....

Supervisor Signature: .....

Date: .....

## **Project Weekly Report**

### **Notes on use of the weekly report**

1. This report is designed for meeting of more than 10 minutes duration, of which there should be at least ten during the course of the project.
  2. The student should prepare for the supervisory meeting by deciding which questions he or she needs to ask the supervisor and what progress has been made (if any) since the last meeting and noting these in the relevant sections of the form, effectively forming an agenda for the meeting;
  3. The business of the meeting should be noted briefly in the relevant section of the form;
  4. The actions on the student (and, perhaps the supervisor), which should be carried out before the next meeting should be noted briefly in the relevant section of the form;
  5. The report is one of the deliverables from the project and is an important record of the student's organisation and learning experience. The student should ensure that it is handed in as an appendix of the report, with sheets dated and numbered consecutively;
- 

**Student's name:** Loo Zhen Xi

**Date:** 3/4/2020

**Sheet no. 10**

**Project title:** Classroom Timetable System

**Supervisor's name:** Mr.Ng Wai Kong

#### **Completed:**

- Run Testing.
- Find and identify project error or defect.

#### **Next week process:**

- Fixing the error and defect.
- Try to make improvement.

Student Signature: .....

Supervisor Signature: .....

Date: .....

## **Project Weekly Report**

### **Notes on use of the weekly report**

1. This report is designed for meeting of more than 10 minutes duration, of which there should be at least ten during the course of the project.
  2. The student should prepare for the supervisory meeting by deciding which questions he or she needs to ask the supervisor and what progress has been made (if any) since the last meeting and noting these in the relevant sections of the form, effectively forming an agenda for the meeting;
  3. The business of the meeting should be noted briefly in the relevant section of the form;
  4. The actions on the student (and, perhaps the supervisor), which should be carried out before the next meeting should be noted briefly in the relevant section of the form;
  5. The report is one of the deliverables from the project and is an important record of the student's organisation and learning experience. The student should ensure that it is handed in as an appendix of the report, with sheets dated and numbered consecutively;
- 

**Student's name:** Loo Zhen Xi

**Date:** 10/4/2020

**Sheet no. 11**

**Project title:** Classroom Timetable System

**Supervisor's name:** Mr.Ng Wai Kong

#### **Next week process:**

- Complete the improvement
- Fixing the error and defect of improvement version
- Retest the project

Student Signature: .....

Supervisor Signature: .....

Date: .....

## **Project Weekly Report**

### **Notes on use of the weekly report**

1. This report is designed for meeting of more than 10 minutes duration, of which there should be at least ten during the course of the project.
  2. The student should prepare for the supervisory meeting by deciding which questions he or she needs to ask the supervisor and what progress has been made (if any) since the last meeting and noting these in the relevant sections of the form, effectively forming an agenda for the meeting;
  3. The business of the meeting should be noted briefly in the relevant section of the form;
  4. The actions on the student (and, perhaps the supervisor), which should be carried out before the next meeting should be noted briefly in the relevant section of the form;
  5. The report is one of the deliverables from the project and is an important record of the student's organisation and learning experience. The student should ensure that it is handed in as an appendix of the report, with sheets dated and numbered consecutively;
- 

**Student's name:** Loo Zhen Xi

**Date:** 17/4/2020

**Sheet no. 12**

**Project title:** Classroom Timetable System

**Supervisor's name:** Mr.Ng Wai Kong

#### **Completed:**

- Completed the improvement
- Fixed the error and defect of improvement version
- Retested the project

Student Signature: .....

Supervisor Signature: .....

Date: .....