Use Case List

Primary Actor	Use Cases
Student	Login
Student	Refresh Schedule
Student	Receive Top 5 recommendation
Student	Update Task
Student	Add Task
Student	Remove Task
Student	Manage Task

Use Case Description

Use Case ID:	1		
Use Case Name:	Login		
Created By:	Xue Xueting	Last Updated By:	
Date Created:	03 February 2020	Date Last Updated:	

Actors:	Student
Description:	The user will enter username and password to the app.
Trigger:	
Preconditions:	The user has a student account.
Postconditions:	The Main Page will be shown.
Normal Flow:	1. The user enters username and password. 2. The System validates the information entered. 3. The System redirects to the Main Page.

Alternative Flows:	AF-S2: The information entered was wrong.
	    1. The system redirects to an empty task page.
	    2. Return to step1.

Exceptions:	
Includes:	
Priority:	High
Frequency of Use:	
Business Rules:	
Special Requirements:	
Assumptions:	
Notes and Issues:	

Use Case ID:	2		
Use Case Name:	Refresh Schedule		
Created By:	Xue Xueting	Last Updated By:	
Date Created:	10 April 2020	Date Last Updated:	

Actors:	Student
Description:	When the student wants to reset their schedule, they can reset it all at one goal.
Trigger:	
Preconditions:	The user is in the Main Page
Postconditions:	The schedule is reset.
Normal Flow:	1. The student clicks onto the "Refresh Schedule" option in the menu. 2. The system refresh the Schedule..
Alternative Flows:	
Exceptions:	
Includes:	Login
Priority:	Medium
Frequency of Use:	
Business Rules:	
Special Requirements:	
Assumptions:	
Notes and Issues:	

Use Case ID:	3		
Use Case Name:	Receive Top 5 recommendation		
Created By:	Xue Xueting	Last Updated By:	Xue Xueting
Date Created:	03 February 2020	Date Last Updated:	10 April 2020

Actors:	Student
Description:	When the user adds a task, the system will give suggestions on the recommended time slot for that task.
Trigger:	
Preconditions:	Add task
Postconditions:	The user receives the top 5 recommended timeslot.
Normal Flow:	1. The user adds a task. 2. The system checks if there is an available time slot for the task. 3. The system displays 5 recommended time slots.
Alternative Flows:	AF-S2: No available time slot for the new task. 1. The system prompts users that no timeslot is able to fit the new task. 2. Return to step 1.
Exceptions:	
Includes:	1. Login 2. Add task
Priority:	High
Frequency of Use:	
Business Rules:	
Special Requirements:	
Assumptions:	
Notes and Issues:	

Use Case ID:	4		
Use Case Name:	Update Task		
Created By:	Xue Xueting	Last Updated By:	
Date Created:	03 February 2020	Date Last Updated:	

Actors:	Student
Description:	When a change is needed in the current timetable.
Trigger:	
Preconditions:	Already have an existing timetable.
Postconditions:	Changes are made successfully
Normal Flow:	1. The user clicks on the update button. 2. The user selects the task to be updated. 3. The user selects the timeslot to change to. 4. The system displays a success message.
Alternative Flows:	
Exceptions:	
Includes:	Login
Priority:	High
Frequency of Use:	
Business Rules:	
Special Requirements:	
Assumptions:	
Notes and Issues:	

Use Case ID:	5		
Use Case Name:	Add Task		
Created By:	Xue Xueting	Last Updated By:	
Date Created:	03 February 2020	Date Last Updated:	

Actors:	Student
Description:	The user wants to add a new task into the current timetable.
Trigger:	
Preconditions:	-
Postconditions:	Task is added into the current timetable.
Normal Flow:	1. The user clicks on the add task button. 2. The user fills in the task details. 3. Use case "Receive Top 5 recommendation" is triggered. 4. The user chooses the time slot for the task.
Alternative Flows:	AF-S4: None of the recommendation is accepted by user 1. User manually selects an empty time slot from the timetable.
Exceptions:	
Includes:	Login
Priority:	High
Frequency of Use:	
Business Rules:	
Special Requirements:	
Assumptions:	
Notes and Issues:	

Use Case ID:	6		
Use Case Name:	Remove Task		
Created By:	Xue Xueting	Last Updated By:	
Date Created:	03 February 2020	Date Last Updated:	

Actors:	Student
Description:	When an event/lesson is no longer necessary, the user can remove it.
Trigger:	
Preconditions:	Have an existing timetable
Postconditions:	Remove task successfully
Normal Flow:	1. The user clicks on the remove button. 2. The user selects the task to be removed. 3. The system displays a success message.
Alternative Flows:	
Exceptions:	
Includes:	Login
Priority:	High
Frequency of Use:	
Business Rules:	
Special Requirements:	
Assumptions:	
Notes and Issues:	

Use Case ID:	7		
Use Case Name:	Manage Task		
Created By:	Xue Xueting	Last Updated By:	
Date Created:	03 February 2020	Date Last Updated:	

Actors:	Student
Description:	The student can manage tasks by looking at the overview of their current schedule in a calendar form.
Trigger:	
Preconditions:	Student need to login
Postconditions:	A list of the user's tasks will be shown.
Normal Flow:	1. The system will display a list of tasks when the user login successfully.
Alternative Flows:	
Exceptions:	
Includes:	Login
Priority:	Medium
Frequency of Use:	
Business Rules:	
Special Requirements:	
Assumptions:	
Notes and Issues:	