User Stories

Use Case Stories:

User	Role	Priority
As a user I should…	Securely log into the system, and create an account for a specific user.	High
As a user I should…	Add tutorials, lectures and other types of classes so that students can be allocated to a particular class without a clash.	High
As a user I should…	Be able to export the created timetable to an excel or .cal file for easy use.	High
As a user I should…	Have the ability to use multi-factor authentication to access the website.	Low
As a user I should…	Move classes freely to different times and be assured that there are no clashes between students.	High
As a user I should…	Manage (view and edit) all data easily within the web app	Medium

Use Case Acceptance Criteria:

User Story ID	User Story	Given	When	Then
1	As a user, I can securely log into the system and create an account for a specific user.	I have valid login credentials and multi-factor authentication is enabled.	I attempt to log in and complete the authentication process.	I am successfully authenticated and can create new user accounts with the correct permissions.
2	As a user, I can add tutorials, lectures, and other types of classes so that students can be allocated to a particular class without a clash.	I have logged into the system, and the class data is ready for input.	I input or upload data for tutorials, lectures, and other class types.	The timetable is generated without any conflicting classes, and the data is accurately displayed.
3	As a user, I can export the created timetable to an	A valid timetable has been generated with all	I click the export button and choose	The timetable is successfully exported to Excel

	Excel or .cal file for easy use.	the necessary class data.	my desired file format.	or .cal format, with all data intact and properly formatted.
4	As a user, I can use multi-factor authentication to access the website.	My user account has multi-factor authentication enabled.	I attempt to log in using my password and receive a prompt for additional authentication.	I can securely access the system after providing the correct multi-factor authentication code.
5	As a user, I can move classes freely to different times and be assured that there are no clashes between students.	I have generated a valid timetable with movable events.	I drag and drop classes to different time slots. And when I edit a class via pop up menu	The timetable updates in real-time, showing the changes, and ensures there are no conflicts between students' schedules.
6	As a user, I can manage (view and edit) all data easily within the web app	I have logged into the system, and the class data is ready for input.	I view and edit data in the data management pages (eg. adding new building)	Data will be updated in database and change will be reflected when generating new timetable