

# CSC309 Project Proposal

Group: Minions

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## Description

The proposed web application provides users a platform with which they can compare their school timetables with their friends', in order to easily find the courses they have in common. This is especially useful for students if they want to go to the same lecture section as their peers. They can also use this app to find time slots which none of them have classes so they know when to hang out/study together. The application supports the Facebook authentication mechanism to easily find a user's social connections. Calendar files (with an .ics extension) can be imported to construct the school timetable automatically.

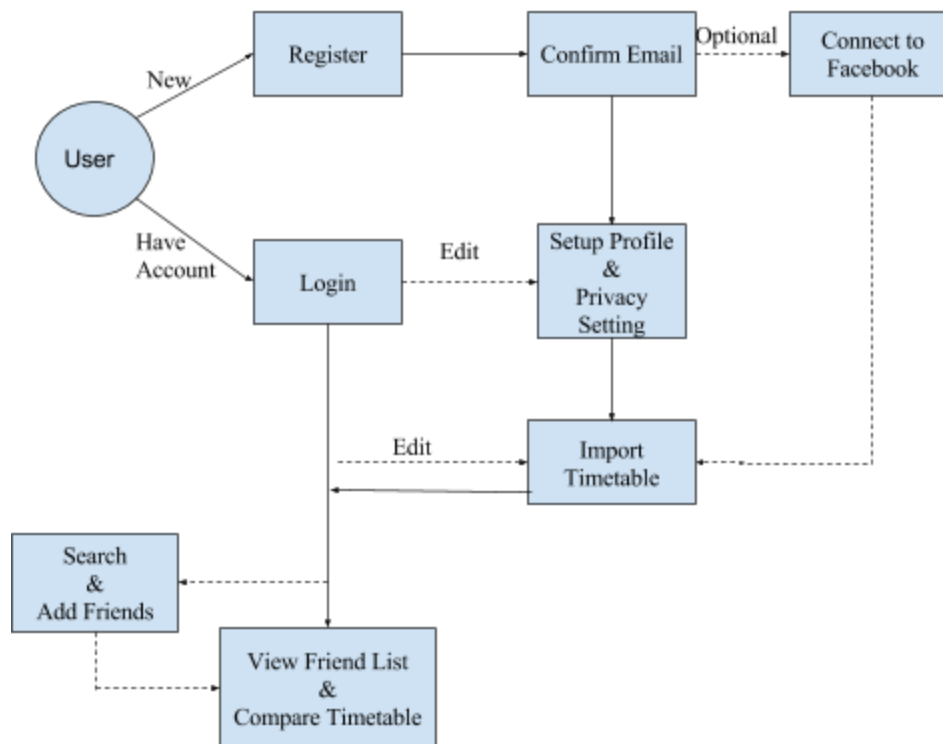
On top of these two features, users will also be able to manually construct timetables using real course information from UofT. Users can personalize their profiles with their names and profile pictures. In addition to being able to search for their friends by name or email, users can add new friends by sending requests. They will also be able to send invites or import their friends list through facebook to see their timetables

The application provides a "Recommended Friends" feature which suggests friends to users based on the number of overlapped course sections they have in common. This allows the user to make new friends who have similar schedules. When it comes time to compare, the two timetables will be overlayed on each other, with overlapping, common courses in a new colour. Regular users can change their passwords and privacy settings(who can view profiles & timetables). Admin users are able to view/add/delete/update users and their information, as well as initialize and monitor the database.

## List of user interactions

- Register & Login with U of T email
- Confirm email through EmailJS
- Optional to connect to Facebook account
- Setup user profile
- Manage password and privacy setting
- Search & add friends. View, accept/decline friend requests
- Import and edit timetable
- View friend list. Click on a friend to compare both timetables.

Below is a user case diagram:



## Sketches

