5. SCOPING

In order to fulfill the requirements in section 3.1 and 3.3, Team leaders with more experience relevant to each of the 3 sub-teams; front end-html and web design, back end-OOP with PHP, and documentation- further work breakdown structure. This breakdown allowed to streamline parts of the project efficiently; early in the project, one type of user was removed as it was judged to be unnecessary and detracted from the main user while adding a fair amount of complexity: Professor. The removal of this user simplified the system by rendering a request feature obsolete. This represented a significant difficulty for the programming teams and was ultimately useless.

The resulting system’s full scope as a web application to be used for Software Engineering students is highlighted by the following lists of included (scoped in) a and excluded (scoped out) features that extend the minimum requirements.

5.1 SCOPED IN

The System will allow 3 types of users: Student, Public user and Administrator.

The Administrator is a course and department moderator who can access, modify and add any course or section.

The Public user enables generation of a default schedule feature for the system and the ability to view this schedule without filling in any of the preferences or taken classes.

The Student represents the focal user who has access to the schedule generation. This user may login to access the system and any previously saved data pertaining to the account or schedule. In order to generate a schedule for the student, the student will access and edit the preferences, the taken courses, account information and login.

The preferences consist of choices made from a list of possible constraints that will be applied to the schedule generator. The student may alter the schedule-to allow for any final changes. These changes can be saved for future editing or consulting or even deleting.

5.2 SCOPED OUT

For this first deliverable, the programming teams have elected to scope out a minor functionalities that represented significant programming hurtles:

Print schedule

This is a feature which does not influence the system and can easily be removed.

Save schedule

This feature was judged to be redundant as the system will automatically save a schedule.

Delete schedule

Change Section

Drop course

Auto generated schedule

In order to simplify the schedule generation, the back-end programming team has opted to make the schedule immutable.