Project Requirements

Functional Requirements

1. The system should allow students to follow different organizations, and would add the organizations events to the student calendar.
2. The system should merge the student work schedule and class schedule.
3. The system should suggest events based on user preference.
4. The system should suggest the best times for a student to study and work on assignments.
5. The user should be able to set preference for event suggestions.
6. The system should allow for push notifications for scheduled events.

Non-Functional Requirements

1. The system must allow for secure login through a change of password if they have not changed it within the last six months.
2. The system must allow for only the student to view and update their calendar events.
3. Passwords shall never be viewable at any point of entry or at any other time.
4. The system must be accessible to people with disabilities in Accordance with the Disabilities Act of 1990.
5. The system must be accessible to people with different vision needs, allowing the user to
   1. Change the font size without truncating text.
   2. Use a screen reader to read aloud information displayed.
6. The system shall be accessible to people who are color blind, to the extent that they should be able to discern all text and other information displayed.
7. The system must be available, except for scheduled maintenance outages announced a week prior to outage.
8. Only selected organization admin can edit an organization page or calendar.
9. The system must allow for troubleshooting through phone, email, and messaging.
10. The system must be scalable to allow for increasing user growth.
11. It shall be possible for users to install the application with no special expertise and shall be convenient for the user.
12. The system shall not use pictures or icons that are considered offensive.