CampusWave V 1.0

# Mission for V 1.0

By September 18 (deadline: one week into school), we would like to officially release our V 1.0 site for students to test out.

The purpose of V 1.0 is not to make it include all our features. Let’s focus on key things that will allow us to release our V 1.0 and look into enhancing it once we reach our goal by September 18.

# Features

### Basic Database

Database needs to be implemented and it needs to be extremely simple. All we want at this point is user information (id, password) and events information.

### Log-in

Whether we use Facebook log-in app, basic log-in app, or UW account sign-in, we need to get this done. We should implement it so that you cannot click on the calendar until you log in (sign up).

### User Settings

We need a page that allows user to change his/her information. This is crucial for allowing users to change the “organization” he/she is involved in.

### Front-end layout for CampusCalendar

We need CampusCalendar implemented. We will not worry about MyCalendar feature at all. With the main calendar in place, we need to finish the entire front-end layout for our main page.

### Fetching Data and Displaying

Our page needs to first, always, fetch added events from our database to the calendar.

### Adding Events

We need to significantly increase the Event adder GUI. Aside from the default features given, we need Title, Organization, User ID, and Event Category. Before any of this, we need to make it default so that when a user clicks to add an event on the calendar, these fields appear. Currently, we have to click “save” after putting in 1-2 word description before we can edit any features.

When a user adds an event, his/her user account ID and organization need to be shown and included (user does not get to edit this part).

### Viewing Events

When a user clicks on any event that he/she has not created, they do not get to “edit” it. Instead, they are viewed a pop-up GUI box. This needs to be very user-friendly. It will use the information that a creator of the event has posted and displays it to every user. Here, we need a “Yes” or “No” section that allows a user to click whether he/she will be attending the event. This data will be saved in our database.

### Add/delete/edit events and saving in database

Obviously we need to make sure that all of the events are fetched from the database correctly and saved correctly. We want to make sure that correct data are saved and shown when we return to our site after closing it.

### Set Calendar Time to be Dynamic

Currently, the calendar is set to a specific time. We want to always display the week that is currently at.

### Interactive Features

Before our release, we need to better use all the space outside of the CampusCalendar. Whether we create a list of all the “hot/popular” events, use facebook chat box, or do something else, we want to make our site interactive.

# Milestones

**August 20 – Database / Log-in**

1. Create a database framework and test data - Yulin
2. Implement the log-in functionality – JT
   1. Fetch/save to database (once we register, it needs to be saved properly to the database designed) – Yulin / Sisun
   2. Front-end for log-in (layout, design) – JT / Alex / Kevin

Goal:

We want our database structure (extremely simple) done and have Yulin explain to everyone on how its structure works. We will finish all log-in related front-end / back-end done. When you go onto our website on August 20, you will have a finished front-end GUI for log-in and registration. Registering will save the users into the database. Only after you log-in, you will be allowed to add events on our current calendar.

**August 27**

1. Finish log in using CakePHP – Yulin
   1. Logging in takes you to the main page - Yulin
2. Facebook Login API – Alex
3. Authenticate registration by sending out email to registered email - Sisun
4. Fetch database at the start of the page and display on the calendar –Sisun
5. Adding events
   1. GUI – Category Field [drop down (eg. Guest Speaker, Sports, etc)] Organizer Field (eg. EngSoc, MathSoc), Creator Name [automatic], start and end dates, Events Detail, Title Field, Location Field – JT
   2. Category Table in Database - Yulin

**September 3 – Front End Layout / Adding Events / Fetching Database**

1. Front-end layout - Kevin
   1. **Log Out**  
      **User Settings** (change password, etc). If you make a button on a corner that takes you to user settings page, we need a layout design of that page as well.  
      **MyCalendar** (we won't build for a while, but we want to know where it should go). I think we could have two tabs. One for CampusCalendar and one for MyCalendar that just brings out different pages. But it's your call.  
      **Contact Us  
      Who We Are/ What we Do/How it works, etc**  
      **Filter by Category** (Speaker Series, Tutorial, Competition, etc) to browse the calendar  
      **Top Events** (Top 10 list of most anticipated attending events)  
      **Any other Features**
2. Fetch database at the start of the page and display on the calendar – Sisun
3. User Settings Page – Alex
4. Finish all necessary log-in feature including Facebook login – Yulin
5. Adding events
   1. GUI – Category Field [drop down (eg. Guest Speaker, Sports, etc)] Organizer Field (eg. EngSoc, MathSoc), Creator Name [automatic], start and end dates, Events Detail, Title Field, Location Field – JT

**September 10 – Viewing Events**

1. Viewing Events GUI complete – Alex
2. Save to database – JT / Sisun
3. All errors related to database (saving / fetching) are fixed - Yulin

**September 17 – Final Touch**

1. Implement Interactive Features – Alex/JT/Kevin
2. Formal contents on the page (Contact, Who We Are, etc) - Sisun