

Exeter Clubs Requirements and Plan (Maxwell and Trevor)

Requirements

Must haves

1. Being able to click select to add club meetings/schedules to a calendar
2. Being able to click to opt-in/out of club notices/emails.
3. Different users e.g. students, coheads, student activities
 - Accounts register their clubs
 - Admins approve the clubs (to make sure they actually exist)
 - Once clubs are approved, accounts are given special access
4. Club + meeting description page

Nice to haves

1. Customization of the color of the web calendar
2. Being able to see multiple weeks ahead
3. Coheads can declare the announcement category e.g. meetings, special events, email
4. Being able to add private events to the calendar (like music lessons)

Project Plan

Week 1 (April 18 - April 24):

Sprint Planning:

Define project requirements

Create a backlog of tasks for the first sprint

Design website layout using Canva

(SDLC: Agile Design and Planning)

Week 2 (April 25 - May 1):

Sprint 1:

Create basic user interface for the calendar

Create static website using HTML and CSS

Implement backend ability to select and add club meetings to the calendar

(SDLC: Agile Implementation)

Estimated percentage of product completion: 20%

Week 3 (May 2 - May 8):

Sprint 2:

Implement the ability to opt-in/out of club notices/emails

Create an email account

Add to all clubs' email list

Transfer emails to UI

Create different user accounts e.g. students, coheads, student activities

Authenticate accounts through exeter.edu email (Outlook API)

(SDLC: Agile Implementation)

Create and compile the database

Estimated percentage of product completion: 40%

Week 4 (May 9 - May 15):

Sprint 3:

Implement the ability for accounts to register their clubs

Create a feature for admins to approve clubs

(SDLC: Agile Implementation)

Estimated percentage of product completion: 60%

Week 5 (May 16 - May 22):

Sprint 4:

Implement special access for approved clubs/accounts

Allow coheads to declare announcement categories

(SDLC: Agile Implementation)

Estimated percentage of product completion: 80%

Week 6 (May 23 - May 29):

Sprint 5:

Implement the ability to add private events to the calendar

Allow users to see multiple weeks ahead

Allow customization of the color of the web calendar

Club description page

Meeting description page

(SDLC: Agile Implementation)

Estimated percentage of product completion: 100%

Week 7 (May 30 - June 1):

Sprint Review and Deployment:

Conduct a review of the completed project

Test the calendar for any remaining bugs or issues

Deploy the project to a web server

(SDLC: Agile Review and Deployment)

Misc.

- Trevor needs to learn Spring Boot (<https://spring.io/>)
- Max needs to refresh on HTML & CSS & Java
- We need a domain and web server (one of the last things we need to do)
- Gather feedback from StuAct to see what their thoughts + use cases are for our website
- We need to learn how to sign in using Microsoft API