

uCal

Project Charter

Group 8

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Problem Statement

People have very hectic lives, and current calendars are only good at doing a subset of things such as adding and removing events. In addition, when creating events with other people, it's difficult to find a common time to meet. People need a better way to keep track of all of the events going on in their life. Our application provides a way for people to find available times for others to meet, the ability to add and remove events, and much more.

Objectives

- Website for viewing and managing users' calendars.
- A calendar API to allow communication with database.
- An interface for importing a calendar from iCalendar or Google Calendar.
- Multiple calendars per user (e.g. classes calendar, birthdays calendar, etc...).
- Shareable calendars/events, ability to share calendars or events with other users.
- Invites, create events that can be sent to other users as invites (e.g. final review study meeting).
- Scheduling assistant, create a group of users and find a time that works for all users to make a meeting.
- Classroom integration, allow teachers to create calendars for deadlines and exams for their students.
- Send notifications for upcoming events.

Stakeholders

- Us six group members
- Future Users
- Google Maps
- Educators

Deliverables

- A responsive calendar website using HTML, CSS, and Angular
- A way for users to import their google and apple calendars
- A way for users to add/ control calendar events
- A way for users to coordinate availability with friends/ coworkers
- A way to receive calendar notifications
- A Node.JS server that supports all user requests
- A database hosted on mongoDB to store all user information