

Project Charter: **Schedule It**

Problem Statement

This project will help address the complexities of coordinating and finding events. Although it is straightforward to keep track of one's own calendar, difficulties ensue when creating a meeting time that fits everyone's schedule, discovering who all plans on attending, reminding attendees about the event, and finding an easy way to communicate about an event. This application will focus on amending these issues by use of a chatBot. Additionally, time permitting, Schedule It will help users find public events near them, helping users stay social and keep up with their community. An appealing aspect of this application is that each user will be able to participate in multiple groups. This allows the user to see the whole picture of his or her daily schedule.

Project Objectives

1. Create a backend server to host data of the application, including groups, chat, and events.
2. Implement a chatBot to interpret user input for events creation, modification, and cancellation
3. Create a frontend interface to show user calendars, group events, events near the user, and group chats.
4. Time Permitting: Using eventbrite and ticketmaster APIs, integrate an "events near you" feature.

Key Stakeholders

Client	Typical clients will be average US residents
Development manager	Anoop Ranganathan Santhosh, the teaching assistant our team reports to
Project manager	Will Johnston
Project team members	Will Johnston, Kyle Burke, Craig Ruble, Ryan Everett

Deliverables

1. A webapp capable of interacting with all of the features supported by the backend.
2. A Notification system for alerting users for events.
3. A NodeJS backend for storing event/user data, managing groups and chat history, and manage search apis.
4. A scheduling interface that displays all events user is involved in, along with groups with their own private chat systems.