

Project Charter

Event Management App

Team 25 - Sean Rettig, Vance Menapace, Raul Lara-Concha, William Kettleborough

Problem Statement

In today's world, platforms fail to provide a meaningful solution for discovering and sharing events, leading to fragmented engagement and interaction. Oftentimes, it is difficult to know where to look in order to have the most up-to-date information on events that you're interested in. Our aim is to differentiate our project by providing what other platforms lack: a single centralized place to track all the events you are interested in, and a place for those events to be shared.

Project Objectives

Objective 1: Engagement

The project will provide a framework for people to follow artists or organizations they are already interested in and see their posts about upcoming events or important updates.

Objective 2: Discovery

The project will provide an avenue for people to discover new artists, organizations, or individual events that they may be interested in.

Project Stakeholders

Project Leader: Sean Rettig

Developers: Sean Rettig, Vance Menapace, Raul Lara-Concha, William Kettleborough

Users:

- a. End-users who will use the app to stay informed about events and engage with their favorite artists and organizations.
- b. End-users who will use the app to inform other users about their events and engage with their audience.

Project Deliverables

1. **Web Application:** A web interface to host the application. We will be using a MERN stack to create our application. MongoDB will be used as our database to store necessary information. ExpressJS will be used to support Node and provide middleware and APIs. ReactJS is used to construct the UI and UX. NodeJS will be used to serve the website.
2. **Event Management System:** Feature that allows people to create posts on their profiles highlighting events that cater towards their desired audience, e.g. from album drops, tours, and fan events for artists, to farmer's markets, festivals, and street events for cities. Different post formats for different types of events that users want to post.
3. **Authentication System:** Users will be able to log into their own accounts or sign up for a new account. Passwords will be stored securely in a hashed form.
4. **Integrated Calendar:** A personalized calendar feature that allows users to track and manage events they are interested in.
5. **Communication Platform:** Features that enable artists to communicate directly with their fans, such as announcements, updates, and interactive content.
6. **Analytics and Tracking Tools:** Features that enable artists to track their engagement, such as view counts, likes, etc. Could also include additional features that allow them to gauge interest in events such as providing an RSVP service or enabling a comment section.