

Project Overview

Project Name: Maine Meetup Mapper

Target Users: Students, Educators, Universities, Recruiters

Project Description

Maine Meetup Mapper is a social network designed to connect students, educators, and organizers in one simple place. Users can view and follow events and easily attend them by getting relevant information.

Users can follow relevant events and organizers, select different tags based on their interests, and get recommendations for upcoming events. Calendar integration allows for the easy creation of events in the user's planner. If any changes are made, the user is notified of these changes.

Designing events, communicating with your followers, and recording attendance is easy. Organizers can create events targeting specific interests to garner the attention they are looking for.

Functional Requirements

User Management

- Create, modify, and delete user accounts.
- Standard User, Organizer, Educator

Event Discovery and Management

- Event Categories
- Event Suggestion
- User-Set Interests
- Event and User Following

Calendar Integration

- Downloadable Calendar Events

Communication Features

- Inner App Notifications
- Email Notifications

Usability

- Easy Event Management and Creation
- Attendance Records

Administration

- User Management
 - Creation, Deletion, Modification
- Event Management
 - Record of Events and Attendance
 - Recurring Events
 - Archive of Organizers' Events

Non-Functional Requirements

Ideal Performance

- Fast Query Returns
- Reliable and Efficient Event Management
- Fast Calendar Integration

Security

- Password Hashing
- Encrypted Database
- Secure User Interface

Compatibility

- Web-based Interface

Future Features

- User "Follow" System
- Automatic Calendar Integration
- Interest "Tags"
- More Advanced User Features
- Interest Tags (i.e., nursing, nature, career building)

- Automatic Calendar Population
- Mobile App Support