

Team 24 CS 307 Project Charter

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Problem statement:

People often search for events or activities pertaining to their interests, but it can be challenging to find local events that are well-organized and populated with like-minded people. Although current popular methods, such as Facebook and Foursquare, are successful in coordinating events, these products are limited to the current social circle of the user. The aim of the project is to solve these problems through a mobile Android app which would allow users to connect with other people that have similar interests and to explore new activities in a user-specified proximity.

The app shows public events sorted by distance, time, and the specific interests of the user, regardless of whether they know the event host. Events created by users can range from activities such as study groups for specific classes, recreational sports, game nights, and social events. The goal of the project is to create an app that will encourage social interaction between people with similar interests.

Project Objectives:

- Build an Android app that will allow users to join events based on their specific interests
- Create a database of events with detailed information about location, time and activity details
- Include navigation functions to allow users to access the database of events so that they can discover new interests and opportunities
- Develop an Android app that allows hosts to create and provide details of events
- Provide an independent platform for events management
- Develop an easy to use interface which allows users to
 - make new events
 - sort events by location, time, and category
 - give feedback about events they attended

Stakeholders:

- Users: Android users who are looking for local social events
- Software Developers: Avi Agarwal, Adam McDonald, Soun Kim, Abigail Urnes, Naomi Urnes, Soumil Uppal
- Customers: Avi Agarwal, Adam McDonald, Soun Kim, Abigail Urnes, Naomi Urnes, Soumil Uppal
- Manager: Miguel Villarreal-Vasquez

Deliverables:

- Front end Android app that displays information about events to the user
 - Map view and list view of events
 - Event profiles with location, host, time, and feedback
 - User profiles with personal information and event history
- Back end in Java that can pull information from the database
 - Sort events by location, time, and category
 - Retrieve user information
- SQL database hosted on Raspberry Pi
 - Table of events containing their host, location, time
 - Table of users with authentication information and event history