



Project Charter

CS 40800

Team 5

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Problem Statement

Moving to a new place may be hard sometimes, and finding friends can't always be the easiest thing in a new place. That's where Frindr comes in, this app allows people to be able to find new friends based on mutual interests and location. Users will be able to enter their interests and location. Using a match finding algorithm we will bring the most similar users together. Once they have been connected they can begin chatting. If the chat doesn't go well, then either of the users can “unmatch” the other and cause the chat to end. If the chat goes well then these two users could potentially have a new friendship. The goal of Frindr is to connect awesome people with other awesome people. Now moving to a new city, and finding new friends doesn't seem that bad.

Project Objectives

Our project aims to provide an easy way for people to find new friends, whether they are in a new area or looking for new friends. We will provide a platform that will match users based on

mutual interests and allow those two users to be able to communicate together. If they decide to not talk anymore, they will be able to unmatched their current connection. Users will be able to have multiple chats going at one time.

- Build a web app that allows locals to meet others with common interests
- Add ability to filter possible connections based on interests/age/location/etc.
- Create an algorithm that matches based on a similarity percentage (calculated via interests and data collected from each app user)
- Provide notifications when new connections are made
- Ability to choose between different chats, and communicate with more than one user
- Allow for users to be able to unmatched certain connections if desired

Stakeholders

- Product owners
 - Mayur Patil, Haris Sohail, Joe Busse, Aeson Akhras, CJ Labianca
- Users
 - People who have just moved to a new city, lonely people, or people just looking to find some new friends.
- Developers
 - Mayur Patil, Haris Sohail, Joe Busse, CJ Labianca, Aeson Akhras
- Project Coordinator
 - TBD

Deliverables

- A web app with a React front-end. That will allow users to log in, create a profile, enter their interests and then being matching with users with similar interests in the area.
- A Node.js and PostgreSQL backend that will track the data of users and will handle network requests
- An interface that will display profiles, messaging system, and random(based on interests, and location) selection for friends

- A system that will send notifications to users
- Algorithm to produce a match between the two most similar user profiles
- Ability to unmatched from another user
- Ability to have chats with more than one other user.