

Product Backlog

1. Problem Statement

People enjoy working on side projects and developing skills in their spare time. However, many skills and projects require numerous skillsets that one person may not have. Our app seeks to bring together people of differing yet complimentary skillsets so that they may collaborate to create things they normally would not be able to on their own.

2. Background Information

Our target audience would be people who are searching for others who share common interests or people whose interests require group collaboration.

The application that is likely the most similar is Tinder, an app which allows people to decide whether or not they 'like' someone based off their profile. If both users 'like' each other, then the app gives them the chance to message one another through an in-app messaging service.

Instead of matching people up based on physical attraction such as Tinder does, our app would encourage users to match with those who they believe would be a beneficial addition to a project or hobby they are currently working on or interested in.

Another application that is similar to ours is LinkedIn. LinkedIn allows users to create profiles to showcase their education, professional skills, and leadership experience to attract job offers.

LinkedIn creates a more professional atmosphere and is mostly for companies to find potential employees. While our app showcases the user's skills, the focus would be on hobbies and side projects in a more relaxed atmosphere. Our app would match either person to person or a person to a small group for non-professional projects.

There is no current specific software to match people based on skillsets in the way that our application would. Instead, most similar software presents public user profiles visible to anyone where they are able to list what services they provide or their educational and professional background in search of acquiring a job. Our application would merge this functionality in a relaxed environment, focusing on more non-formal skills and hobbies which generally require group collaboration.

3. Requirements

Functional Requirements

1. As a user I would like to create a profile.
2. As a user I would like to view other user's profiles.
3. As a user I would like to edit my profile.
4. As a user I would like to change my search range radius.
5. As a user I would like to see users in my search radius
6. As a user I would like to rate other user's skills and/or personality
7. As a user I would like to be able to create a group

8. As a user I would like to be able to chat with other users that I have matched with.
9. As a user I would like to be able to review other users.
10. As a user I would like to be able to favorite other users
11. As a user I would like to be able to block other users.
12. As a user I would like to I would like to be able to report users that may be spam.
13. As a user I would like to send chat requests to other users.
14. As a user I would like to receive a notification when a message is sent to me.
15. As a user I would like to have an editable description for myself
16. As a user I would like to be able to report other users for disorderly conduct
17. As a user I would like to unmatched users if I desire to.
18. As a user I would like to have my profile be consistent across multiple devices
19. As a user I would like to view the profile of people who send me message requests
20. As a developer I would like to be able to give others administrative powers
21. As a developer I would like to be able to send warnings to users reported for misdemeanors
22. As a developer I would like to be able to load profiles quickly
23. As a developer I would like to keep sensitive user information secure.
24. As a developer I would like to collect spam/reported user information.
25. As a developer I would like to collect bug reports.
26. As a developer I would like to have space for ads (time permitting)
27. As a developer I would like to match users based on previous search patterns (time permitting)
28. As a developer I would like to be able to release new updates to all users (time permitting)
29. As a developer I would like to be able to track and store user information to utilize from a business aspect (time permitting)

Non-Functional Requirements

1. The app must be available for Android phones.
2. This app must be available for iOS (time permitting)
3. This app must store user profiles on a server
4. This app must integrate with SoundCloud (time permitting)
5. This app must integrate with YouTube (time permitting)
6. This app must be able to use GPS to find the user's location
7. This app must be able to securely store user passwords and locations
8. The system must be able to handle large numbers of users simultaneously (time permitting)

9. The system must not be down for more than one hour a month (time permitting)