

Product Requirements

Team **Team - Four**

Remove this text and the descriptive paragraphs in each section stating what to do before you add this to your repository or turn it in to your instructor.

Project statement

Our team, team #4, has come with the application idea of a voluntary community data-base consisting of its members' backgrounds and social media. The main goal of our application would be to help strengthen the trust among neighborhoods and communities by allowing you to share to your community background information about yourself and your history. This shared data would help you build trust in your neighbors and promote an open environment.

Our application is designed to be fully voluntary in what members would like to divulge to their community to better promote an idea of trust and openness, as the implication would be that your neighbors and friends are willingly giving up their background. The information primarily shared would be a mix of both information you would find on a background check such as criminal history, as well as personal information such as where you went on vacation. Our focus is also toward accessibility and ease of use, our final product shall also contain a map of your community with the information of the various residents displayed via where they reside on the map.

Users profile

For our target audience we are looking for people who

- Wish to help foster trust within their community through transparency of information
- Willing to share rather personal information and allow the sharing of their personal information with the members of their community
- Have access and is familiar with internet and browsing through online profiles
- Able to send their information and are willing to have information verified

Feature requirements (user stories)

No.	Feature	Description
1	Registration	<p>Registrant shall provide personal information as well as a signed agreement to have their information shared. User will also provide their current residing address along with their zip code.</p> <p>Registrant shall provide what they would like to share through categories provided from more mundane EX (what their favorite food is, what their hobbies are) to more personal information such as previous employment and personal events</p> <p>The System will create an account for the registrant and display their information as well as an icon upon an interactive map that the registrant as well as other members can see</p>
2	Account Management - change personal info	User shall be able to change personal information after registration (for example: change address, any shared information, withdrawing any information).
3	Account Management - Verifying information	User will be able to disclose more personal information such as a background check which will be submitted for evaluation. Upon verification the user will be able to view other peoples information of equal importance.
4	Community Filter - Foods	Users are able to sort through their community members to find users with a specific food preference if they have listed a favorite food
5	Community Filter -Activites	Users are able to filter through their community members to find other members with a similar hobby or enjoyed activity
6	Security - Authentication	<p>Upon registration users can specify which form of authentication they would like to use to help protect the information of themselves and the community</p> <p>The user can opt to be sent a code every time they sign in that they must enter from, email, text message, mail.</p> <p>The user will also be asked to provide a security question that they will be asked every time they access their community account from an new unknown browser or if their device are in a location of a different zip code</p>

7	Security - Region based	User will be prompted to enter their regions zip code which will limit to what their map will display. Users will only be able to view the members of their regions specific zip code in order to prevent possible data leaks and maintain security
8	Chatting feature	Users will be able to easily communicate with fellow members from their areas community through a pop up chat feature through interacting with the users icon via the interactive map or an alphabetically sorted list of their communities member
9	Interactive map	Based on the provided zip code, the user will be able to access an interactive map that will display the various other users who have signed up and their information, swell as places of residence.
10	Notifications	The user can opt to receive notification from either phone, email, or dashboard, of any major events (IE, conversation/chat feature, joining of new members, when their information has been verified)
11	Invite links	Users can send a registration link to their community through email or text to help encourage members of their community to register if they so desire.
12	Moving locations	Users can move their place of residence by entering a new address along with a zip code which will update their interactive map to match the location of their new address. Upon entering a new address, the new address will be sent a verification code through mail which will allow the user to register to their new location
13	Interactive map - notes	Users can place notes and icons upon the interactive map which only the user will be able to see which allows them to note down information about their local area
14	Deactivate Account	Users can deactivate their account if they no longer wish to have their information displayed. Upon requesting, the user will be sent an notification prompting them to confirm their decision before removing their information from the System

Appendix

For this document every time we make new notifications to our document it will be under the supervision of the entire team and the information added will be logged within slack as well as a group discord. Each team member will take turns for updating the document when needed.