Baseline Results

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Problem Statement:

India has seen massive growth in the number of startups in the last six years, with numbers expected to grow much higher. However, as the number of startups keeps increasing, it is essential to know that a very handful of startups become successful to some extent, and most of them fade away. Through this project, we aim to connect entrepreneurs with other entrepreneurs with similar ideas and entrepreneurs with investors who are also willing to invest into startups with similar ideas.

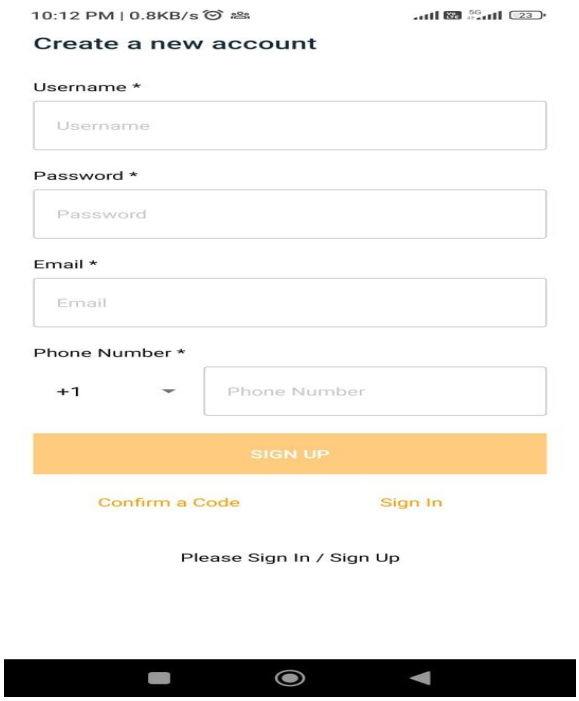
Literature Review:

Some existing platforms help startups and entrepreneurs in different ways, for example, Meetup, Shapr Talent, Linkedin (Networking platform for corporate professionals), Groupme (Messaging platform for business interactions), Bizzabo (platform for businesses to host and attend events), Common Connect (Majorly used to host events or conferences), etc. But out of these, the main ones related to our project are Meetup and Shapr Talent. Meetup helps to connect with the people who share the interest in our (entrepreneurs) area of expertise. But the drawback is that it is local, which means we can't connect with people within our geographical range. Also, there needs to be functionality to communicate with investors. Shapr Talent is similar to Tinder, where we can swipe to find people with the same entrepreneurial interests. Here the swipe is anonymous, and the user can then connect once it gets a match and chats online with other entrepreneurs/investors. Shapr Talent works by taking only the interest and not on the idea of the entrepreneur, due to which we may find entrepreneurs working on similar interests but completely different ideas. Also, both the above applications have English as the primary language, which may not be appealing to people in India, which has a vast Hindi-speaking population. Through this project we aim to connect entrepreneurs on complete ideas and not just interests. We also aim to implement the application in Hindi Language as it will be more beneficial to the indian entrepreneurs.

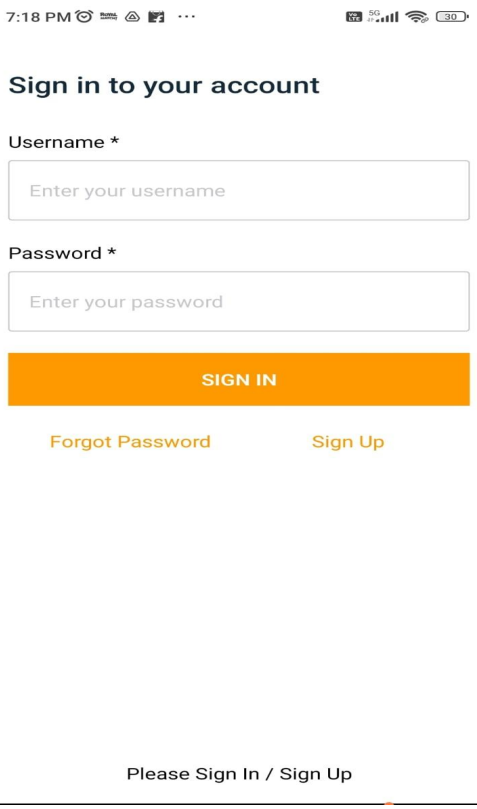
We referred to a few papers related to our work that dealt with recommendations using various filtering techniques[3] This paper shows few outperforming collaborative filtering algorithms and has been applied in a wide range of domains like news recommendations and e-commerce,language translation using NLTK[1] which deals with machine translation to convert one language to another allowing users to obtain an accurate English statement after parsing the input using open source tools and libraries,NLP algorithms for text processing[2] this paper uses a combination of text processing,machine learning and real-time monitoring to help users

find their friends,[5] this paper focuses on the techniques such as Transaction processing, Data analysis,Social network analysis, User profiling which helps the startups connect users and producers,[4] paper that combines community detection and link prediction techniques to address the cold start problem in social network analysis,[6] this article gives list of networking apps that can be useful for entrepreneurs to connect with other professionals and potential partners.

Baseline Results:



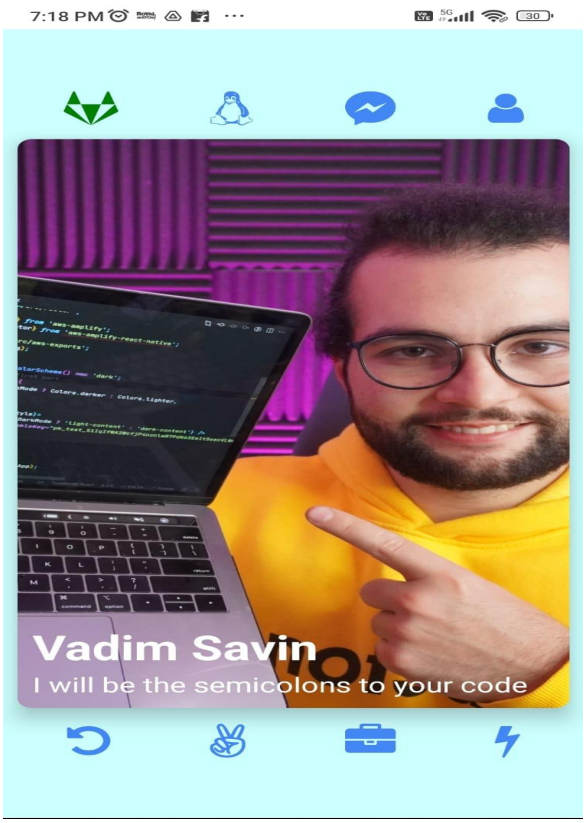
To use the app, a new user must create an account, regardless of whether they are installing it for the first time or using it for the first time. To create an account, the user needs to sign up by providing their email address as the username, creating a password of their choice, and entering their phone number on the sign-up page. Same email address should be given in username field as well as email field. Once these details have been entered, they will be saved in the app's database and the user's account will be created. The user must then sign in to their account in order to access the app's features.

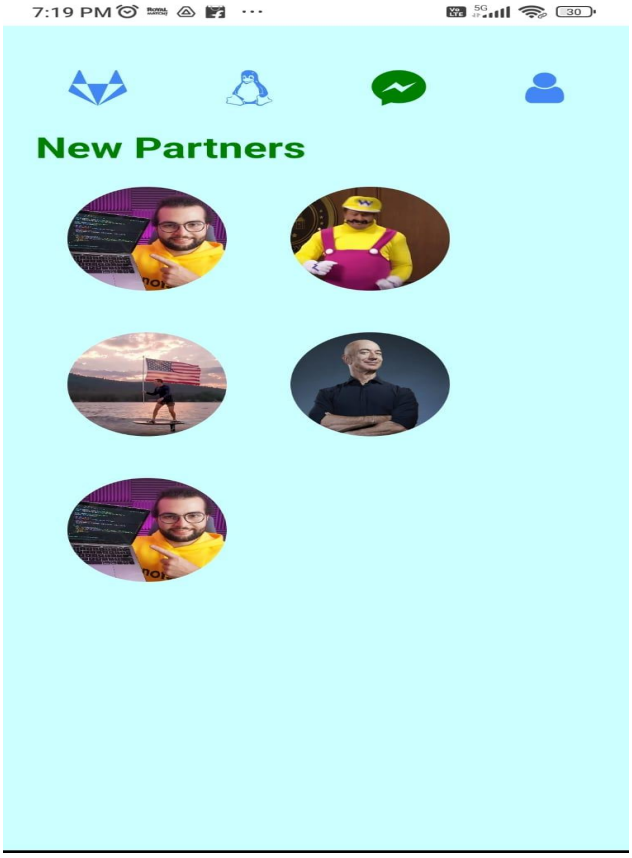


The sign-in page will be presented to the user upon launching the app. This page will prompt users to enter their credentials to access the app's features. If the user already has an account, they can simply sign in using their registered email id and password. However, if the user is new to the app, they can click the sign-up button to create a new account.

The app will verify the entered details against its database. If the email-id and password match the stored credentials, the user will be granted access to the app. It is important to note that the email-id is the primary identifier for the user's account. If the user forgets their password, they can use their registered email-id to reset it and regain access to their account.

Upon logging in, you will be directed to the homepage that displays your name and a brief one-line description. This intuitive interface has been created to provide a seamless user experience. If you come across the person's profile that catches your attention and you want to connect with the person who posted it, you can simply swipe right. If the other person accepts your request, you will be able to initiate a chat with them. On the other hand, if the person does not interest you, you can swipe left and quickly move on to the next person. This user-friendly feature ensures you can quickly browse through various people and connect with people whose interests align with yours.

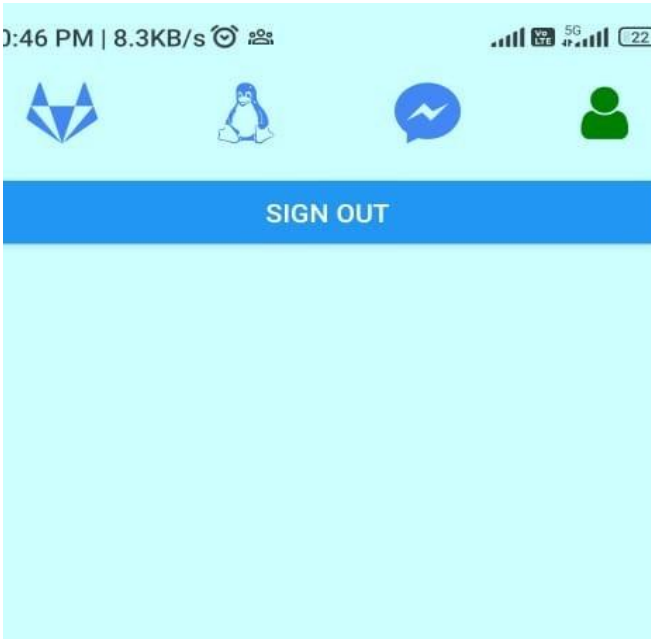


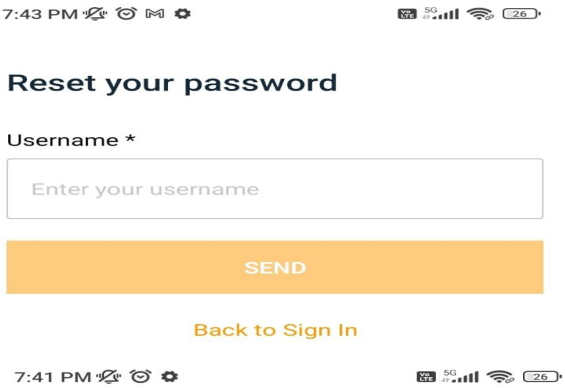


The chat feature allows users to communicate with each other in real-time, exchange ideas, and discuss potential business opportunities. This feature provides a platform for users to connect with individuals with similar ideas, encouraging collaboration and innovation.

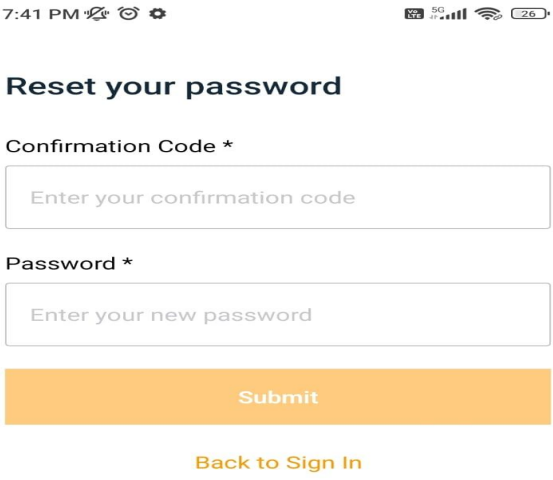
This app recommends people based on the similarity match and provides a chat feature. Here the similarity is based on the startup ideas that users have. If the startup idea of a user matches with any other user, he can use the chat feature and connect to that other user to share his concerns, and they can start working together.

If the user wants to sign out, they will be signed out from the page after clicking Sign Out button.





This app also provides a feature of forget password where users can reset it when they forget their password. On clicking forget the password, this screen will show where to enter your username. After entering the username, click the send button. A confirmation code is sent to your registered mail id.



After entering the send button, this screen will pop up where you must enter the confirmation code sent to your registered mail id. Then enter the new password. Choose a password that is not already used with this account. After entering the password, click on submit. The new password is set successfully.

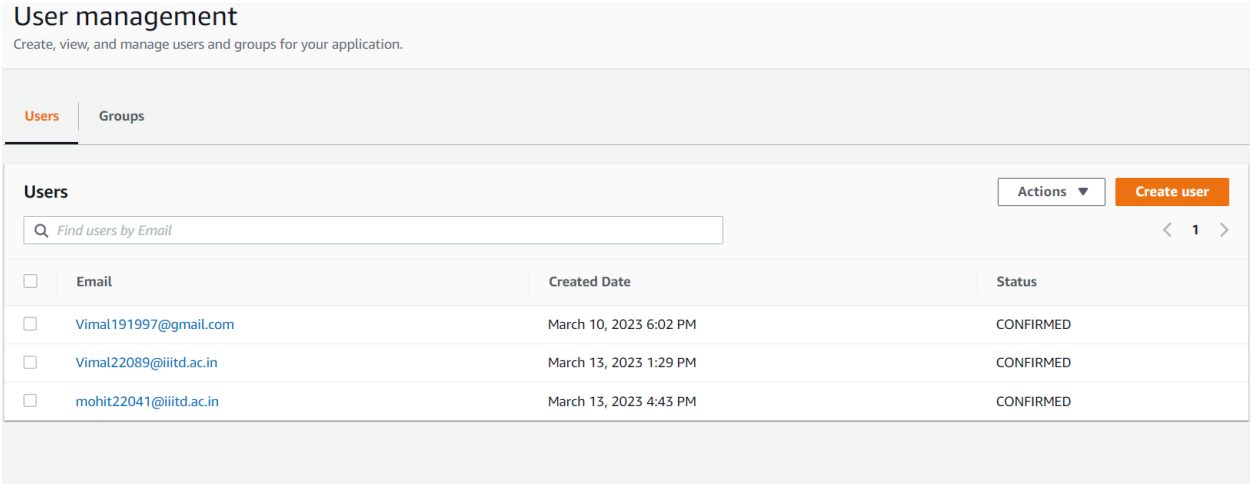
Please Sign In / Sign Up

Steps to install the App:

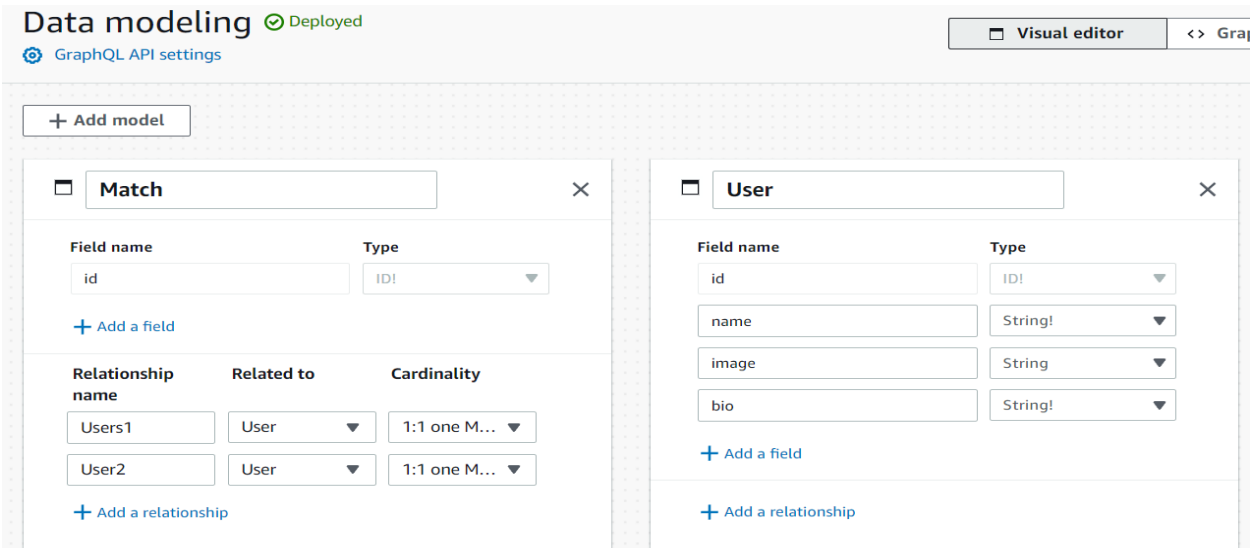
1. Download Expo Go from Google's Play Store
2. Sign In/Sign Up in Expo Go
3. Paste the following link in the Enter URL Manually section - https://expo.dev/@cruzader12/StartupAwesome?serviceType=classic&distribution=expo-go
4. Follow the steps mentioned above for usage of the app

Backend Technology:

We are using AWS amplify for the backend and Database. It will hold the information of the register users. All the algorithms and model will be deployed on AWS amplify.



Above you can see the details of logged users.



Match making model is in process

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[4].Future Link Prediction for Social Media Users with Community Detection Algorithm Snigdha Luthra Department of Computer Science and Engineering Chandigarh University Punjab, India .

[5].The Core Interaction of Platforms: How Startups Connect Users and Producers Heidi M. E. Korhonen, Kaisa Still, Marko Seppänen, Miika Kumpulainen, Arho Suominen.

[6]. The 14 Best Networking Apps for Entrepreneurs (helpjet.com).