Android App Developer

MEETUP

An App based on the common interests

Bachelor of Technology

In

Computer Science Engineering

Submitted by-

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ABSTRACT

Meetup – Helps You Find People Who Share Common Interest & Aim:

Meetup is an interesting platform that helps people with similar interests & purposes to connect with each other at a common place. By installing this app, users can easily join a group or can create a new one of their welfare.

The app called “Meet Up” that we have built enables us to find people with common interests and talk with them using a messaging service which is inbuilt in the application, as socialising is also an important aspect in life. The platform creates an opportunity for users to find like Minded people who enjoy your interests within five miles of your location. For instance, Photography, Travelling, Food, Fitness, or Art & organize.

Methodology to develop this application is adding news and chatting facility by considering people’s interest.

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Introduction

MeetUp is an android application where random people can chat with each other sharing common interest. This app is developed in android studio using java as the backend language and Google Firebase for database and authentication purpose.

Meetup is one such online platform that allows users to **get creative**, explore a city, build a career, and do much more with a group of people with similar goals/ interests.

Seeing the growing demand of networking, Meetup offers a variety of services and features that allow individuals to join local groups to meet new faces & try something new. The platform creates an opportunity for users to find like minded people who enjoy your interests within five miles of your location. For instance, Photography, Travelling, Food, Fitness, or Art & organize.

If you don't find what you're looking for, you can also create a new group.

Existing System

Most tech giants are working hard to make this world ‘smaller’ by connecting people throughout the globe. Popular platforms like Facebook, Instagram or YouTube aren’t the only ones, putting efforts to increase the horizon of local connectivity. Several app developers are also contributing new ideas to let the world connect with each other more closely.

To Develop an interactive android app which provides :

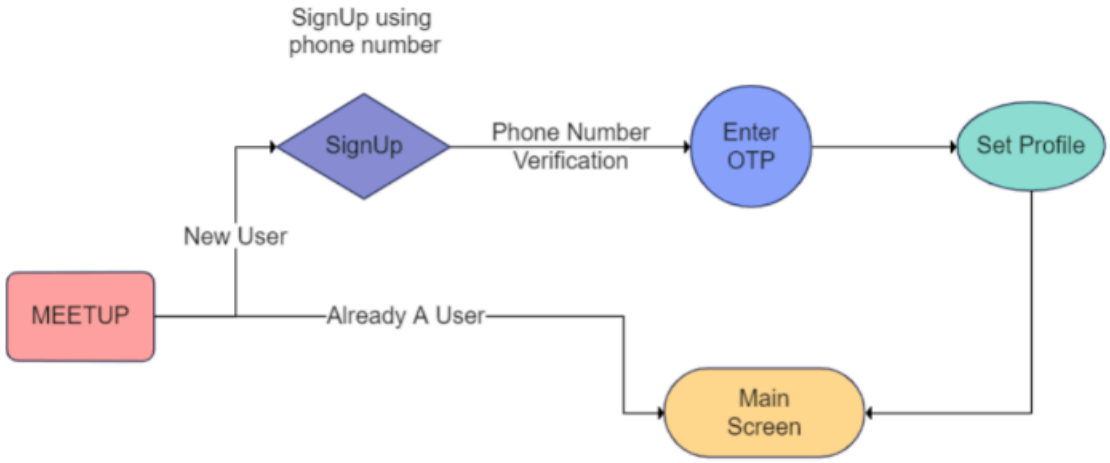
- Latest News Update
- Chatting
- Information or Content Sharing

The aim is to help people connect, build new networks to pursue their passions, learn new things and find support!

Proposed method with Architecture

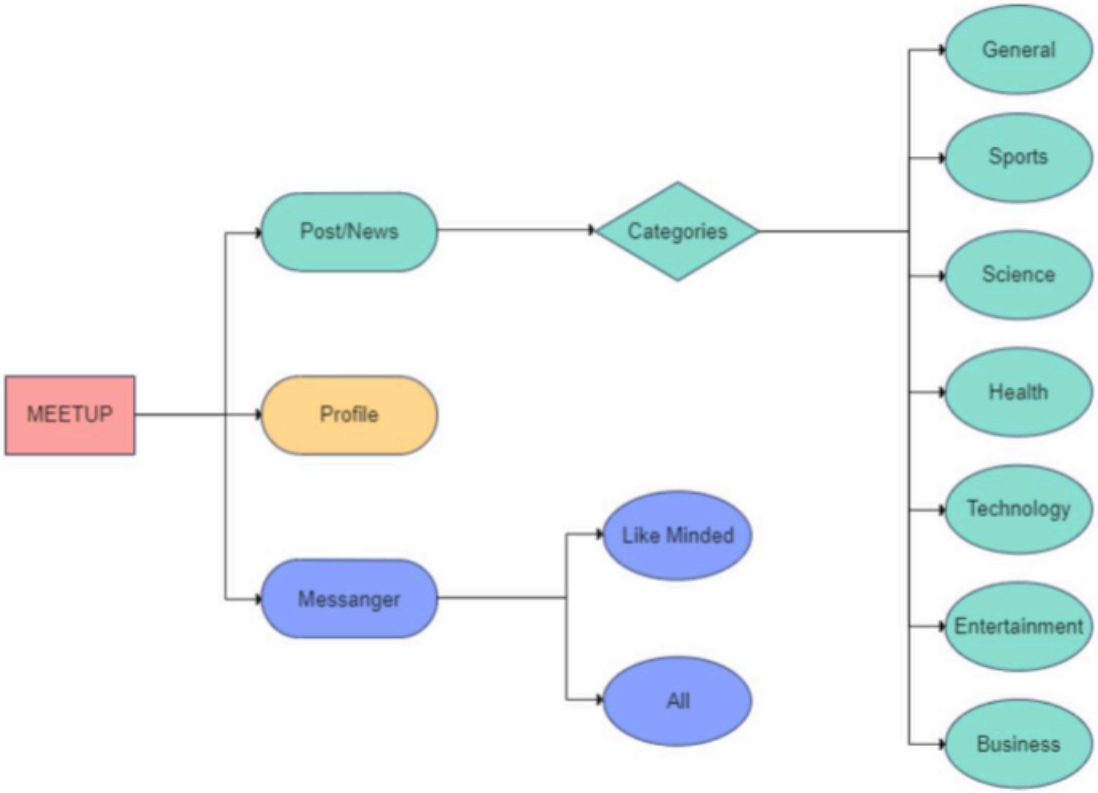
Android application based on common interest MEETUP is an android application, which can help people to get so much information about their interest and can maintain a healthy social relation through instant messaging facility. Users can share their valuable knowledge with each other and able to share their feelings and emotion with friends via social media functionality. Users are able to make friends and able to talk with them. MEETUP is a simple application which will be easily adaptable by users as it is user friendly.

- If user is not registered on application then first he/she has to verify their phone number and have to set their profile. After that they will become an authorized user of app and can enjoy it's features.
- If user is already an authorized one then he will be taken on Main Screen



There are three main activities News, Profile and Messenger

- News activity contains 7 different categories of news, each fragment contains news related to their category.
- In profile activity, users can set or update their profile by adding their names, profile pictures and their interest.
- In messenger activity user can chat with like-minded people or can chat with all the users who has their account on this application.



Methodology

MainActivity contains news related to different categories. User can tap on post or news and it will be open in web-view activity. User can share a specific news with other users though share button.

- In profile activity user can set or update their profile by updating name, about their self, interest and profile picture.
- List of like-minded people contains all the users who has similar interest like you. You can easily chat with them by tapping on their view.
- List of all users contains all the users who has their accounts on this application. You can chat with them by tapping on their view.
- Web View Activity displays the content of the selected news. From their user can read entire news.
- In Chatting activity, users can chat with each other by instant messaging facilities. Users can send links and can open those link from chatting activity.

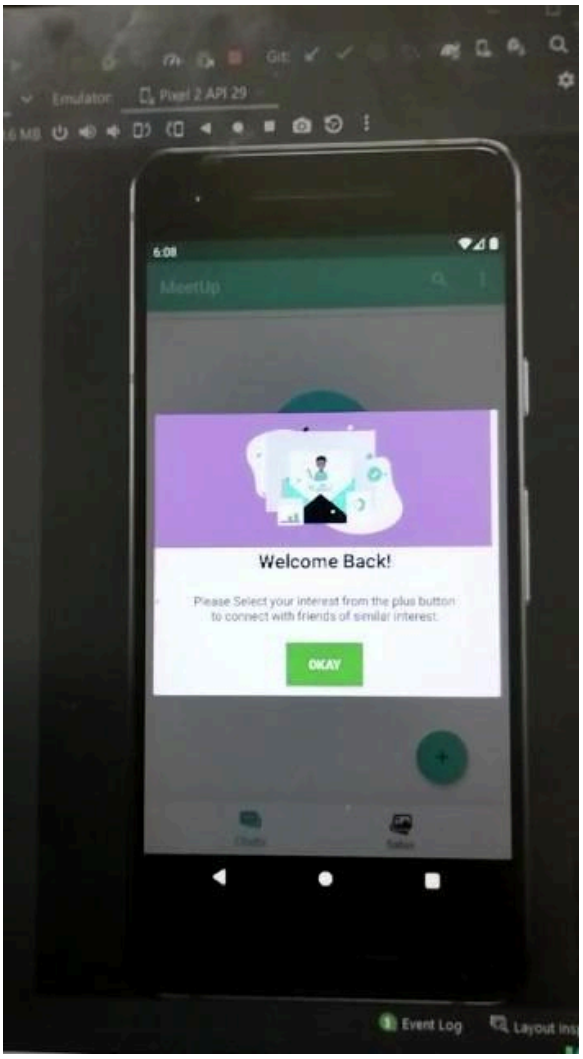
Technologies Used

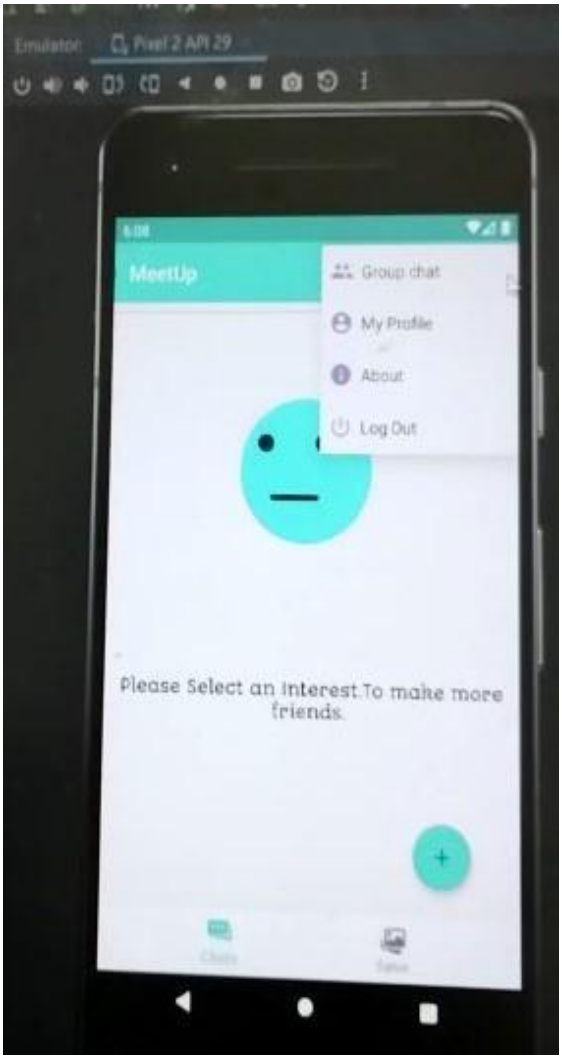
- Android studio using java as the backend language.
- Google Firebase for database and authentication purpose.

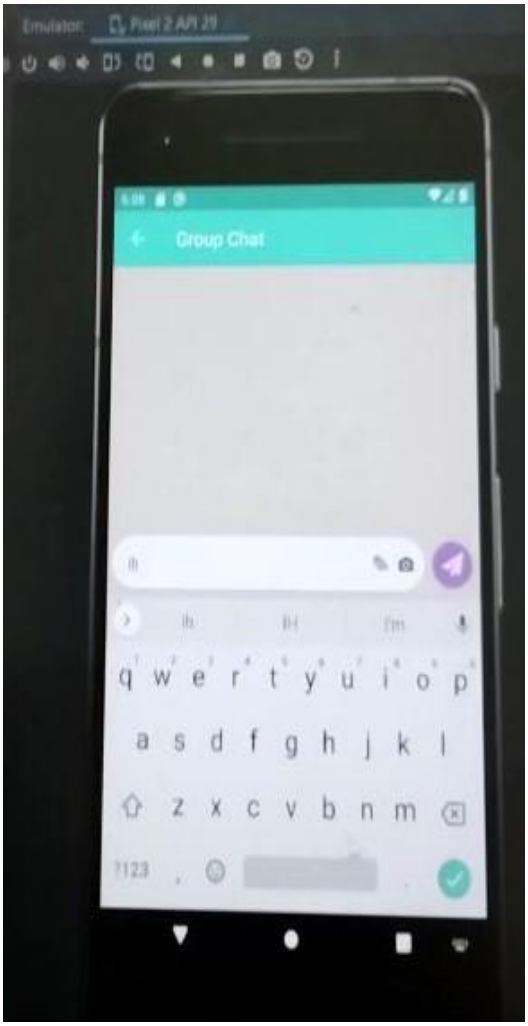
Requirements

1. Android API level 24 and higher.
2. Standard Development Kit (SDK).
3. Permissions
4. INTERNET
5. ACCESS_NETWORK_STATE

Implementation & Result



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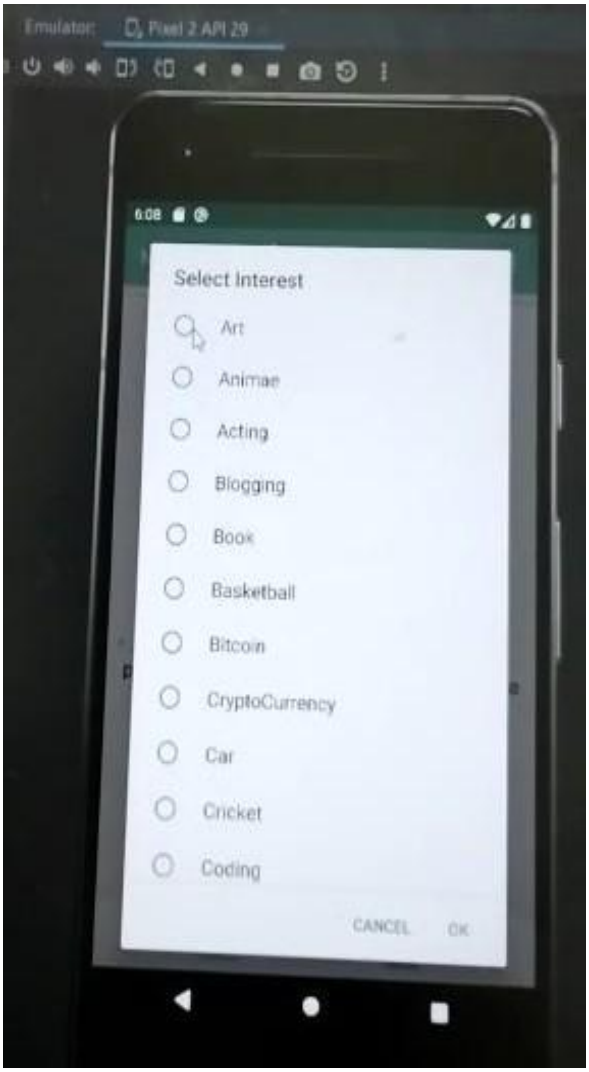
Group Chat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Art
Animae
Acting
Blogging
Book
Basketball
Bitcoin
CryptoCurrency
Car
Cricket
Coding
CANCEL
OK

Conclusion

MEETUP is a powerful tool which can help you to enhance knowledge about various categories such as Science, Technology, Business and Health. Can make you to be up to date. MEETUP can increase your visibility, enhance relationship, and establish two way communication between users. MEETUP will keep users in touch with friends and extended family, enhance social life and maintain healthy social relation.