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Internet Sakhi

Description

Internet Sakhi is mobile application that provides women entrepreneurs across rural and urban india a unique platform to connect to markets.Enables them to find new business and partnership opportunities.Sakhi word in hindi language means friend.

Intended User

A pool of women entrepreneurs who are ready to expand their networks and trade.Housewives who are willing to seek a platform where they find connections or partners to start there own business.Corporates who are looking for women leads from specific regions.

Features

List of main features :

- Find people with similar business or trade
- Chat 1-1 in private
- Chat on common topics
- discover and network
- Know common interests see profiles
- Meet Female entrepreneurs with similar Interest.Discover more Rural women Entrepreneurs
- **Showcase your Micro-Business**

User Interface Mocks

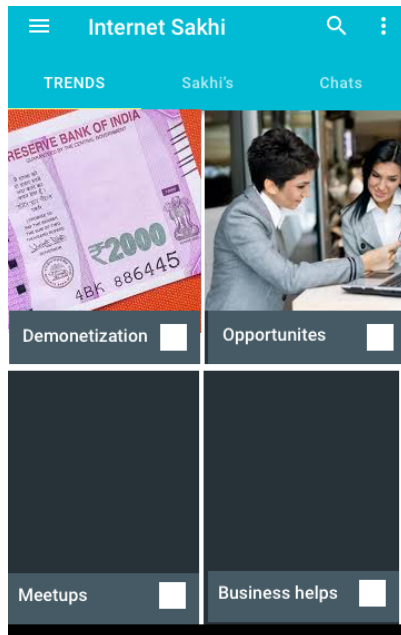


Screen 1



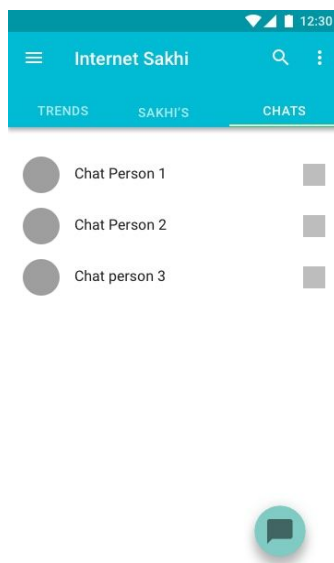
Home screen for the applications which shows all the listed women on the app platform. So that you can browse the profiles and find the best suited sakhi you wish to connect with.

Screen 2



This shows you the trends which are going on so that you can talk in detail about those in a group chat. All these are national level group chat threads to discuss

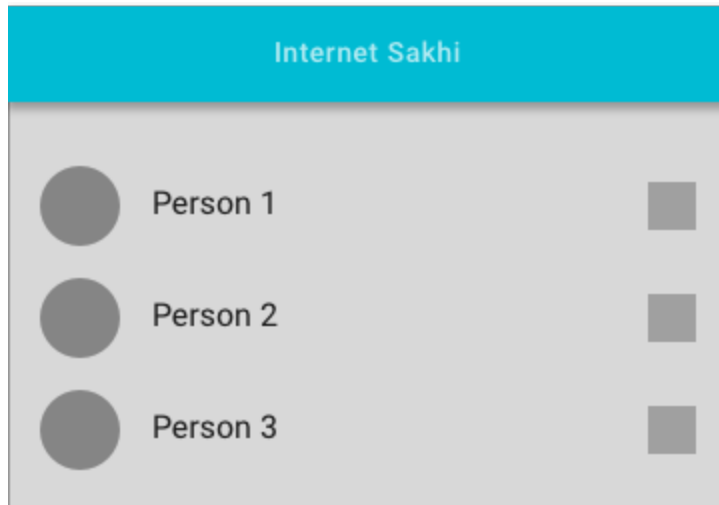
Screen 3



Individual chat optionality to chat with the person respectively

Screen 4 (widget)

Widget for chats. This will have all incoming chats and autorefresh accordingly .



Key Considerations

How will your app handle data persistence?

App would be implemented using firebase realtime databases and also enabled the offline persistent storage of firebase. Firebase job dispatcher will be used.

Describe any corner cases in the UX.

There would be three main home screen tabs which will make user browse thru respective tabs once that is clicked into individual item is selected It will bring back to home screen tab screen which is browse view to see all the women profiles.

There will be an option to chat to individual profiles and setting panels to switch the current location on/off.

Describe any libraries you'll be using and share your reasoning for including them.

I would be using glide for image loading purposes

Butterknife for boilerplate code .

Firebase Job Dispatcher will be used for scheduling background jobs in your Android app.

Describe how you will implement Google Play Services.

Google Account Login : Will be using play services for account management one tap login .

Google Location and Activity Recognition /Google Maps Maps for user locations

Google nearby services : for offline nearby detections at meetups or events.

Next Steps: Required Tasks

Task 1: Project Setup

- Getting List of all the profiles and users
- Storing common group trends
- Creating a Favourite table for storing the women profiles

Task 2: Implement UI for Each Activity and Fragment

- Creating a Recyclerview for profiles
- Implementing search functionality for profiles
- Creating the navigation drawer with fragment tabs

- Create detailed profile activity
- Create chat thread activity
- Make ui dialog for the view view of profiles

Task 3: Implement Firebase

Link firebase to the project implement the following services.

Task for firebase implementation

- Create Project
- Add the required dependency for the project
- Add Real Time databases
- Add notifications and FCM
- Add login authentications

Task 4: Arranging the Data

- Design a structure for real time databases
- Querying Database for profiles according to Location/name/business_type
- Adding filtered list options

Task 5: Configuring Google Services

Include the google play services and manage them respectively.

- Add maps api and places api as required
- Deep dive into location nearby api for chats offline

Submission Instructions

1. After you've completed all the sections, download this document as a PDF [File → Download as PDF]
2. Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
3. Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"