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I am fine

Description

Problem:
Sometimes people want to connect their family or friends but they have nothing to say

Solution:
Instead of calling or sending a message, they'll just send a "How are you" notification. And the other person would just reply with "I am fine"

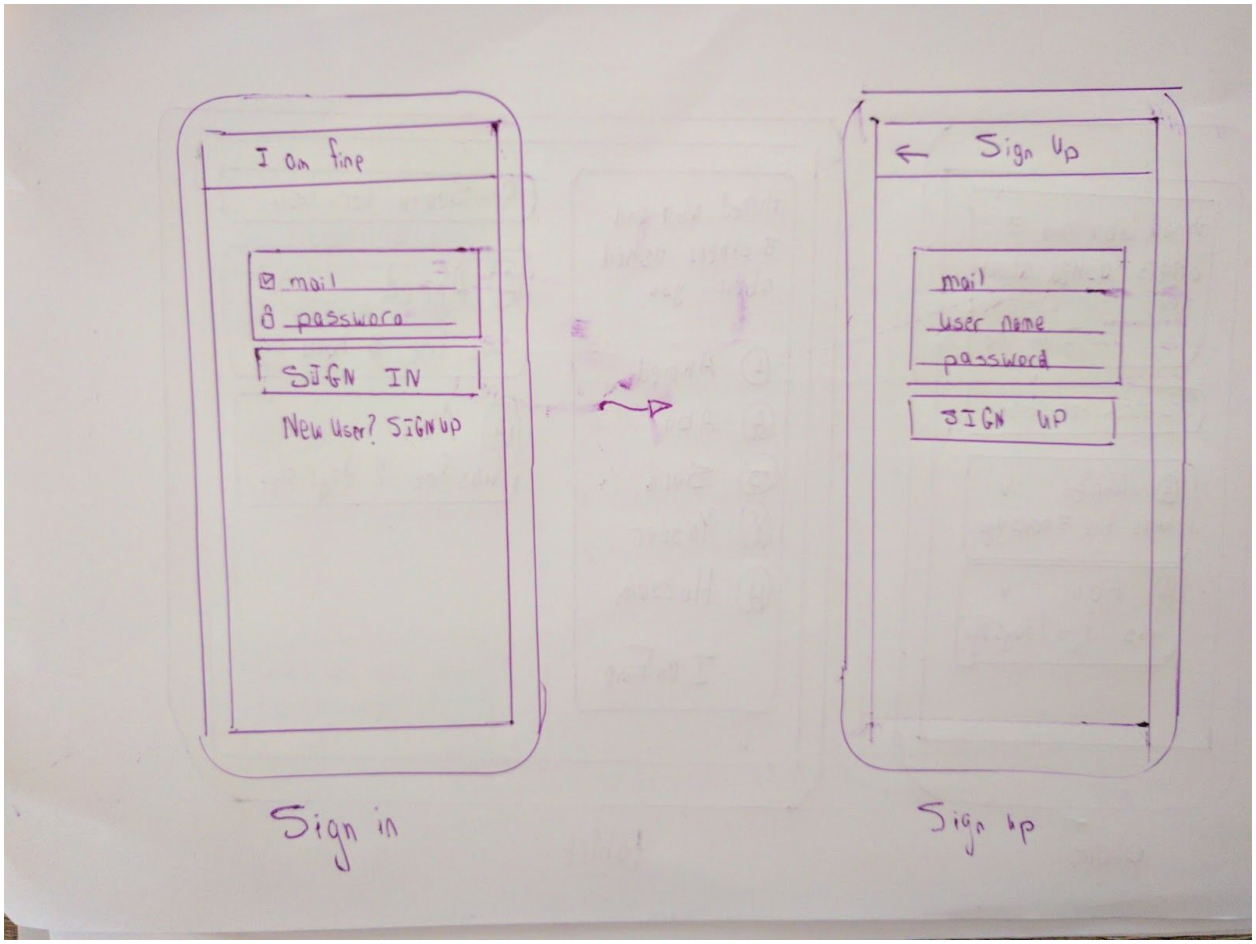
Intended User

Family members who want to tell each other they are ok in the quickest way

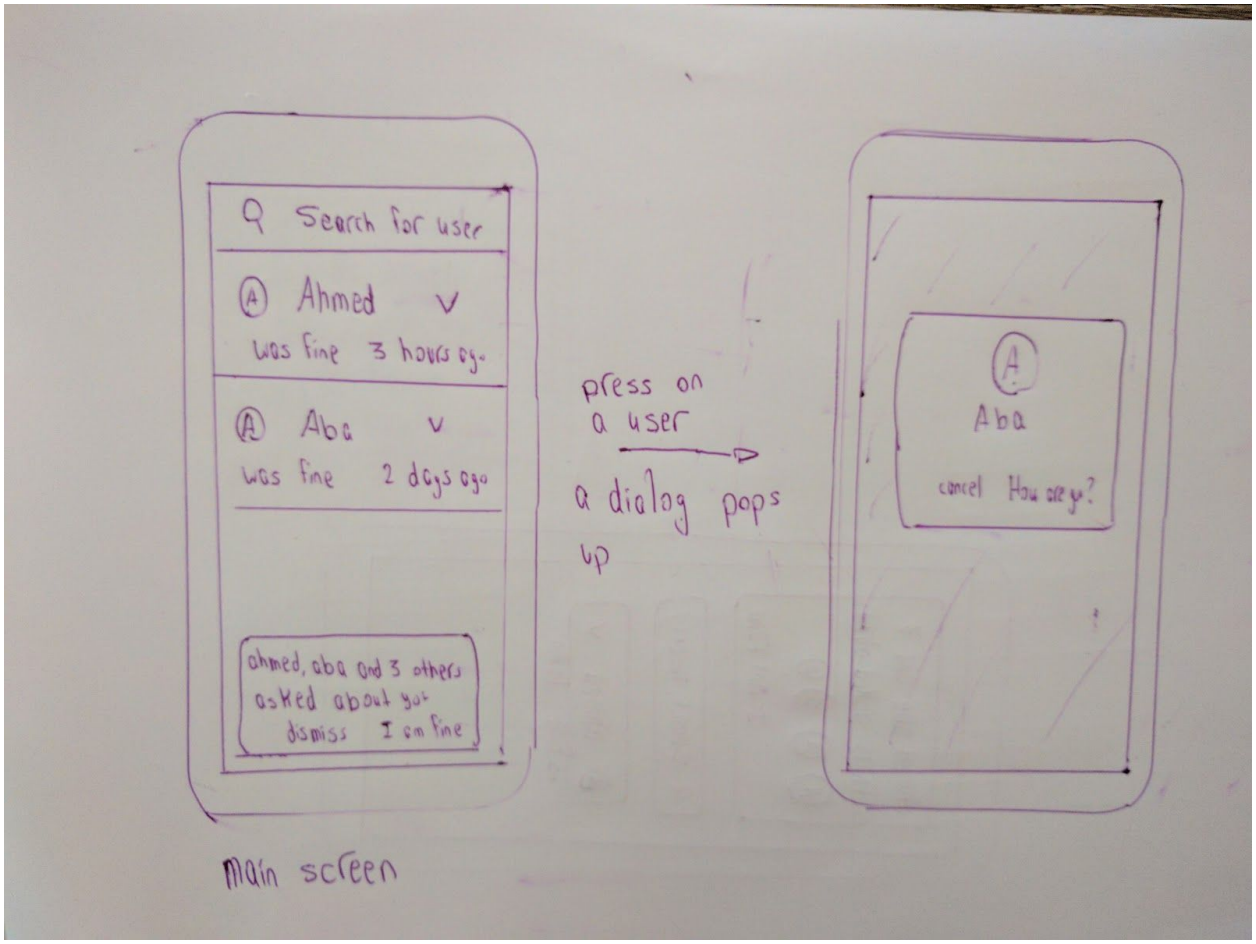
Features

- Search through different users
- Send an instant notification to a specific user asking him "How are you?"
- Know which users asked "How are you"
- Reply with "I am fine" to all users who asked

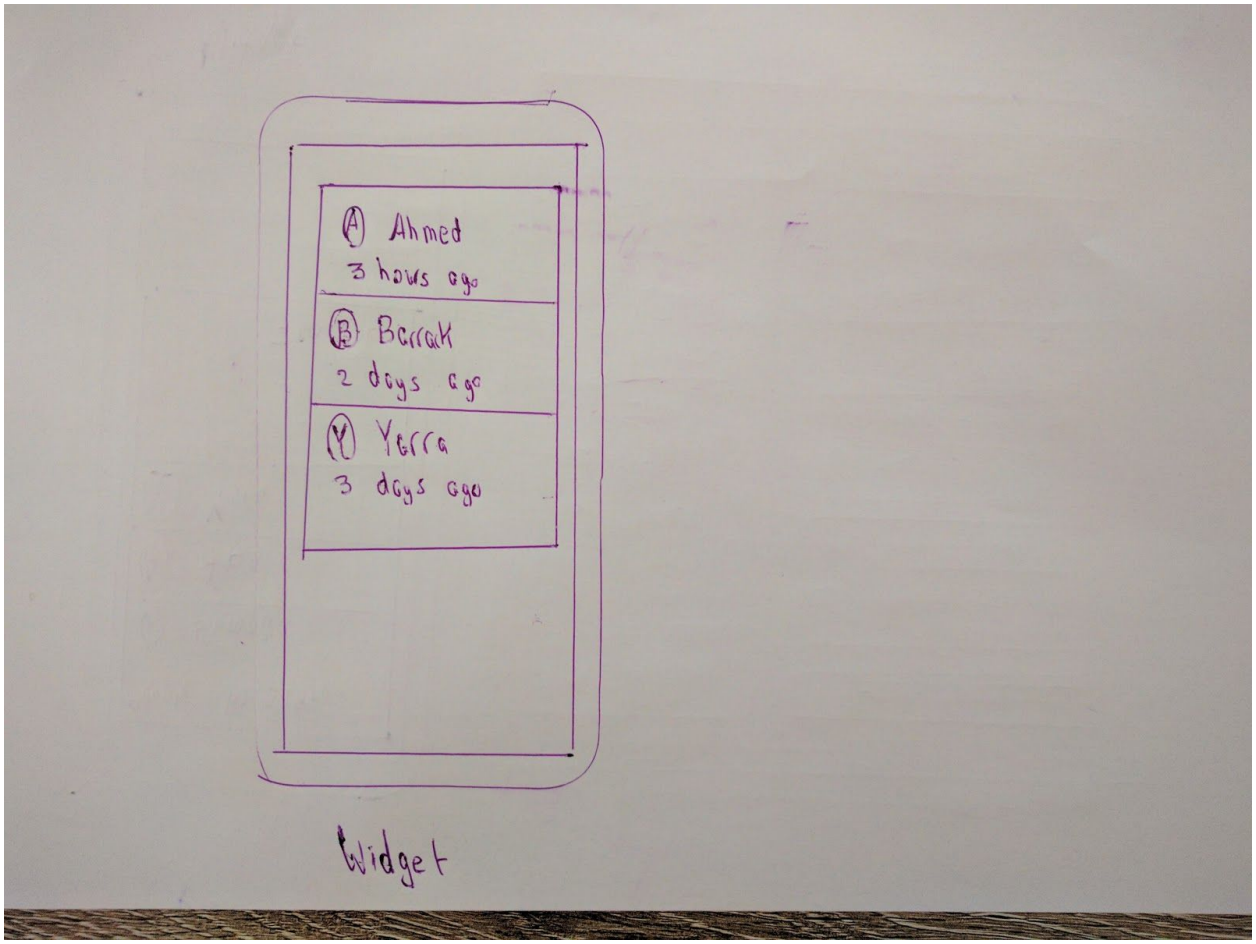
User Interface Mocks



The first screen is the “Sign In” where the user enters the credentials he signed up with or go to the sign up screen….after successful sign in or sign up, the user will be directed to the main app screen



The main screen shows a list of users(either users interacted with before or the search results), pressing on one of the user opens a dialog with a “How are you?” button.
In the bottom of the screen there’s a dialog showing the user who asked about him and an “I am fine button”



The app widget shows the list of users who asked about you and when they asked about you

Key Considerations

How will your app handle data persistence?

Data will be stored in through SQLite in an offline database till they are eventually synced with the backend

Describe any corner cases in the UX.

- If no one asked a user “How are you?”, he’ll be able to say “I am fine” though no notification will be sent. It will be like a status update

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

Mockito for testing
Picasso for lazy loading images
RxAndroid for loading for multithreading
Timber for logging
Retrofit for HTTP requests

Describe how you will implement Google Play Services.

- ADMob for banner ads
- Google cloud messaging for instant notifications

Next Steps: Required Tasks

Task 1: Fake Rest API

- Create a fake Rest API that has static responses

Task 2: Signup and Login

Task 3: Search through users

Task 4: implement notifications

Task 5: Banner Ads