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## Advanced Chat App

### Description

It is an one to one chat app that use firebase to Authentication and database. it looks like a WhatsApp Application but it has ability to schedule message to send to specific Friend at specific time without any action from user.

### Intended User

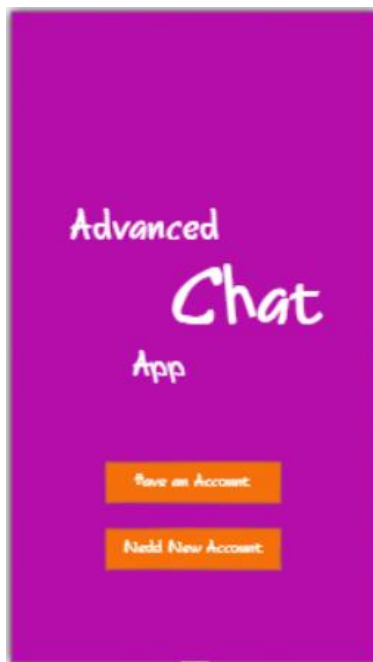
We all forget to send messages at certain time to someone, in work for reminder someone to take important action. To some friend to say to him "Happy Birthday" , we all have events 🎉

### Features

- Send messages to friends
- Send Friend request
- Send messages at specific Time

### User Interface Mocks

## Screen 1



This is the first screen to login or registration .

## Screen 2

A mobile app screen with a white background and a purple header bar. The header bar contains a white back arrow icon and the text "Create Account". Below the header, the text "Create New Account" is written in a black, handwritten-style font. There are three input fields stacked vertically, each with a label above it: "User Name", "Email", and "Password". At the bottom of the form, there is an orange rectangular button with the text "Create An Account". At the very bottom of the screen, there is a small white navigation bar with a single icon.

Creating Account

## Screen 3

A mobile app screen with a white background and a purple header bar. The header bar contains a white back arrow icon and the text "Login". Below the header, the text "Login to your account" is written in a black, handwritten-style font. There are two input fields stacked vertically, each with a label above it: "Email" and "Password". Below the input fields, there is an orange rectangular button with the text "Login". At the very bottom of the screen, there is a small white navigation bar with a single icon.

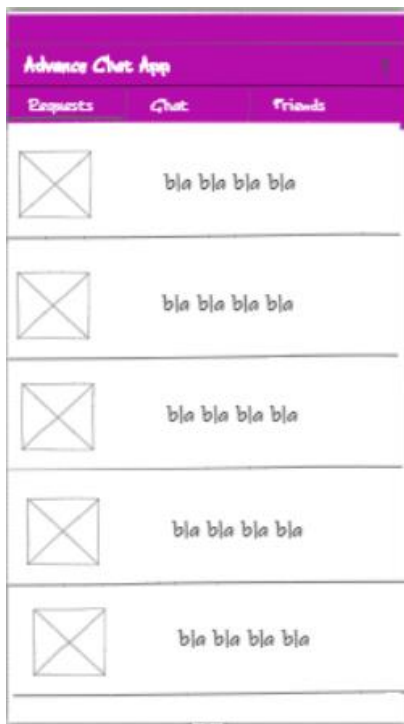
Login into your Account

## Screen 4



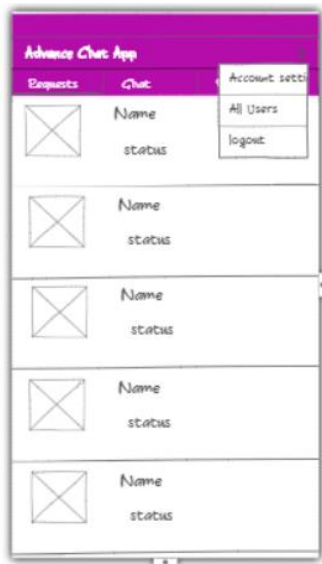
Friends Request

## Screen 5



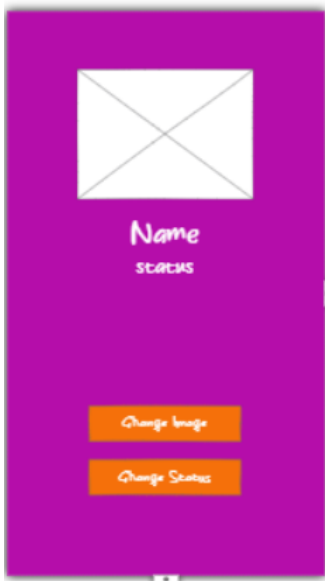
Chat page

## Screen 5



Friends page

## Screen 6



Profile Page

## Key Considerations

How will your app handle data persistence?

My App handle data Using Firebase Technique , in Authentication , and storing data and Images.

**Describe any edge or corner cases in the UX.**

The application is very simple , it look like WhatsApp with new features , so I think it is very friendly to any edge can write and read.

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

Picasso to handle the loading and caching of images.  
Firebase to handle the Authentication and data.  
BetterKnife to handle accessing to components in view

**Describe how you will implement Google Play Services or other external services.**

Firebase for data and Authentication

And Ads

## Next Steps: Required Tasks

### Task 1: Project Setup

- Configure libraries
- Search in how to deal with Firebase

### Task 2: Implement UI for Each Activity and Fragment

- Build UI for MainActivity
- Build UI for Registration and Login

### Task 3: Your Next Task

- Create layout
- Login and Registration to firebase
- Creating Profile Activity and changing Image and status

### Task 4: Your Next Task

- Loading all users from firebase and Friend Request

- Loading right request in request page
- Chat page

### **Task 5: Your Next Task**

- Creating schedule message to specific person service
- Loading friends from firebase
- Trying to send images throw chat