

Index

[Description](#)

[Intended User](#)

[Features](#)

[User Interface Mocks](#)

[Screen 1](#)

[Screen 2](#)

[Key Considerations](#)

[How will your app handle data persistence?](#)

[Describe any corner cases in the UX.](#)

[Describe any libraries you'll be using and share your reasoning for including them.](#)

[Describe how you will implement Google Play Services.](#)

[Next Steps: Required Tasks](#)

[Task 1: Project Setup](#)

[Task 2: Implement UI for Each Activity and Fragment](#)

[Task 3: Your Next Task](#)

[Task 4: Your Next Task](#)

[Task 5: Your Next Task](#)

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Chatify Gmail

Description

Chatify tries to free you from the pain of searching through hundreds of emails looking for important ones. In Chatify you can add an email address and whenever you receive a new email from that sender Chatify notifies you. Chatify also organizes your mail by sender similar to chats making the communication much easier.

Intended User

Any Gmail user

Features

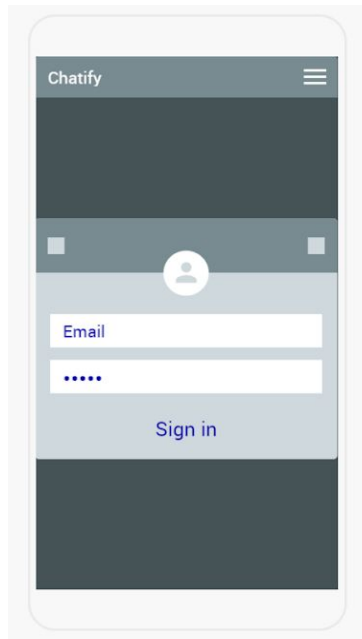
Main features of the app:

- The app will be completely written in Java
- The app uses the latest available stable versions of all the libraries used
- All the strings would be placed in the strings.xml file and RTL would be enabled for the required languages
- The app would include content descriptions where ever necessary
- The app uses a SyncAdapter to regularly check for new emails for the registered sender
- Notifies when mail received from sender registered by user
- Organizes mail by sender

User Interface Mocks

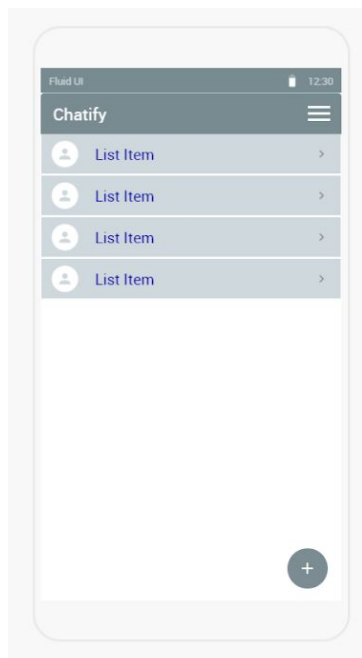
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Google Drawings, www.ninjamock.com, Paper by 53, Photoshop or Balsamiq.

Screen 1



Login page allows a user to login and authenticate with his Google account

Screen 2



Home screen showing the registered senders

Screen 3

A mobile app interface for 'Chatify'. At the top is a dark grey header with the app name 'Chatify' on the left and a hamburger menu icon on the right. Below the header, there are two light grey input fields. The first field is labeled 'Name' in a small, light blue font. The second field is labeled 'Email' in a small, light blue font. Below these fields is a dark grey button with the text 'Add Sender' in white.

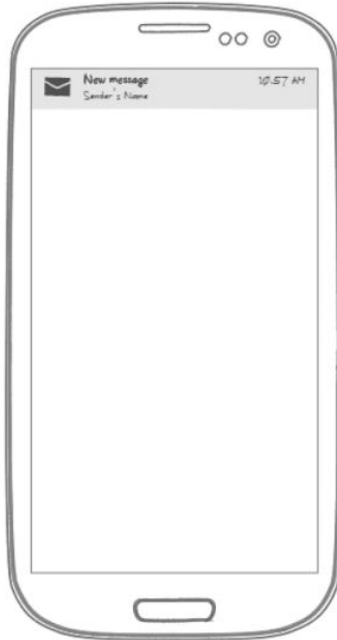
Screen to add a new registered sender

Screen 4

A mobile app interface for 'Chatify'. At the top is a dark grey header with the app name 'Chatify' on the left and a hamburger menu icon on the right. Below the header is a light blue-grey profile card. The card features a circular placeholder for a profile picture, the name 'Bruno Steban' in a bold, dark blue font, and the location 'Dublin, Ireland' in a smaller, lighter blue font. Below the profile card, there is a section titled 'Received Email Subject' in a small, dark blue font. This section contains a block of Lorem Ipsum placeholder text in a dark blue font.

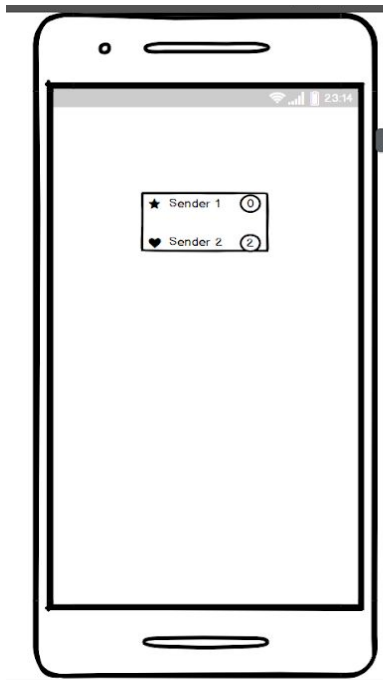
UI showing the new email

Screen 5



Notification when a new message is received

Screen 6



A widget showing the number of new emails from the registered senders

Key Considerations

How will your app handle data persistence?

Stores the messages for a determined amount of time in a local database.

Describe any edge or corner cases in the UX.

Handling app crashes when the user is offline and tries to sync

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

Gmail API for retrieving the messages

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

The app would make use of Google Sign-in and Google Analytics

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and break them down into tangible technical tasks that you can complete one at a time until you have a finished app.

Task 1: Project Setup

First the credentials required for the Gmail API are created and stored in the build.gradle. Other required dependencies for the project are added

Task 2: Implement UI for Each Activity and Fragment

Subtasks:

- Build UI for Login page

- Build UI for Home screen
- Build UI for adding a new sender

Task 4: Create layouts for the above activities

Task 5: Make App Notifications

- Make the app send out notifications when a mail arrives from one of the registered sender