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GitHub Username: nilesh95

Finger Tip

Description

Finger Tip is an app which keeps latest news feeds around the globe in various domains at user finger tips.It is a one stop app for every day to day updates, trending news and most popular updates across the globe.It will allow user to select favourite topics and will have trending zone as well.User can acquire all of this by SSO(Single-Sign On) using Google Sign-in.
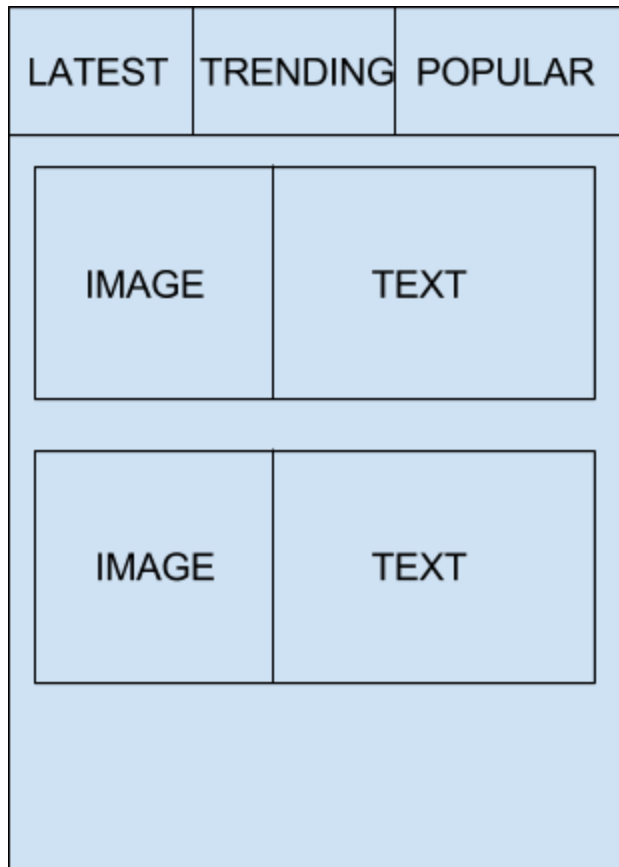
Intended User

The app is target for mass audience and those who have curiosity of reading and gaining Knowledge about new trends across the globe.
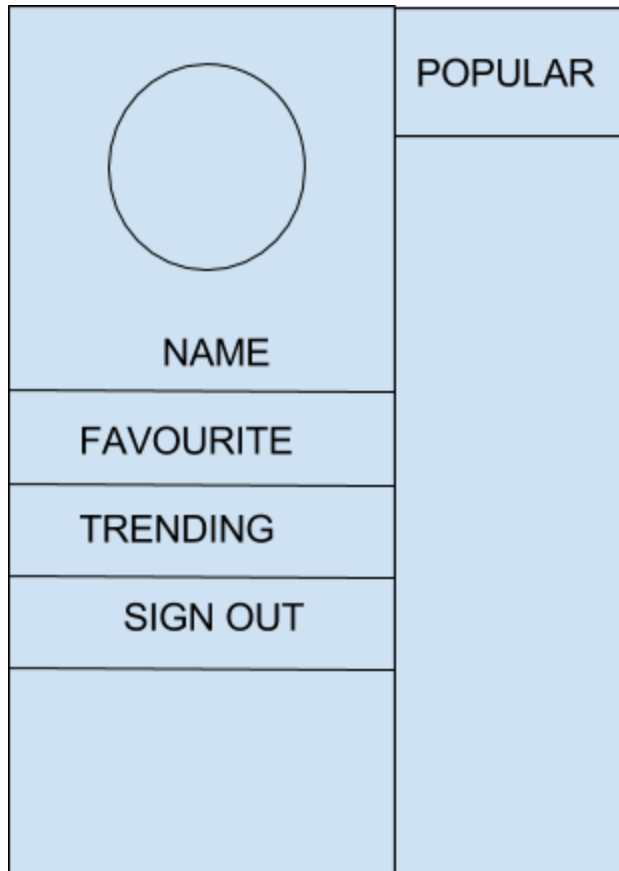
Features

- ➢ Google Sign-in is required for accessing the app
- ➢ User will be displayed tabs containing News about Top, Latest and Popular
- ➢ Navigation bar will contain three Tabs
- ➢ Favorite
- ➢ Trending Zone
- ➢ Logout
- ➢ Google FireBase will be used to store data for user

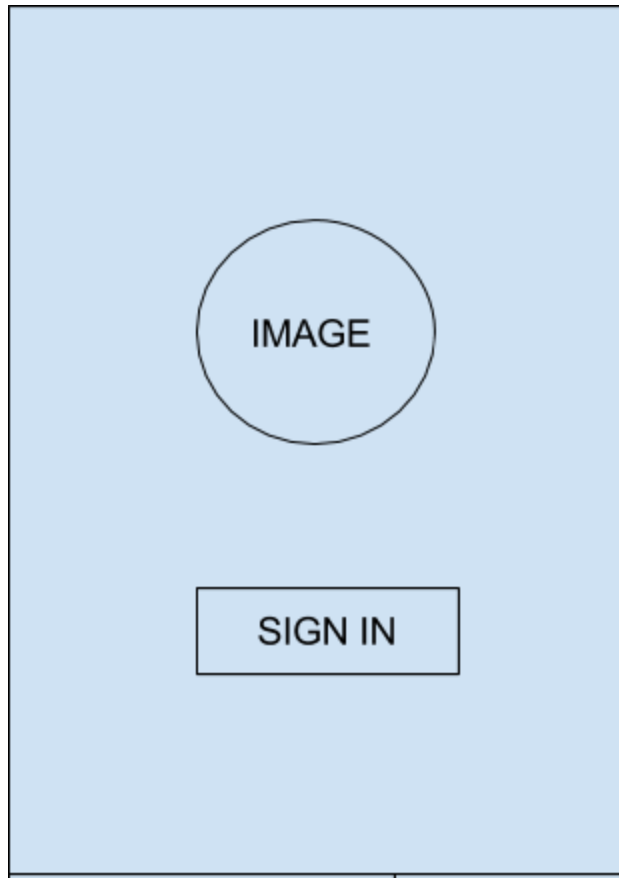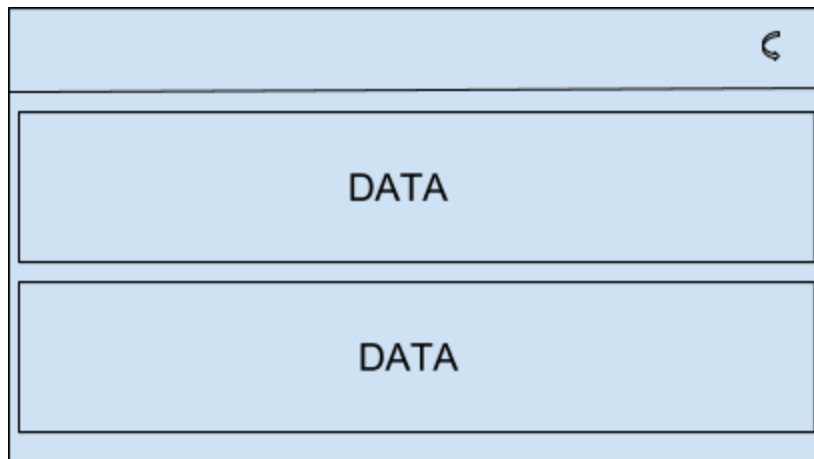# User Interface Mocks

Screen 1

LATEST	TRENDING	POPULAR

IMAGE	TEXT

IMAGE	TEXT

Screen 2

NAV BAR TABS

Screen 3

Widget Screen

Key Considerations

How will your app handle data persistence?

We will use Firebase Table to store data and retrieve data from there based upon user sign-in

Describe any corner cases in the UX.

If user is already logged in then it will go to main screen where Top,Latest and Popular tabs are there.
If user is not logged in then it will redirect to sign-in page.

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

Glide-For displaying images.
Firebase API-For Sign-in and storing data.
News API-To get latest news around the globe.

Describe how you will implement Google Play Services.

User need to sign-in using API.
Fire base is used to maintain database.

Next Steps: Required Tasks

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

Task 1: Project Setup

- Create new project
- Add necessary dependencies
- Add various permission required to AndroidManifest.xml file.

Task 2: Implement UI for Each Activity and Fragment

- Build UI for LoginActivity
- Build UI for MainActivity
- Build UI for Detail Activity
- Build UI for Top Fragment
- Build UI for Latest Fragment
- Build UI for Popular Fragment
- Build UI for Favorite Fragment
- Build UI for Trending Zone Fragment

Task 3: Create Login Activity

- Create layout
- Add Google Sign in to the app
- If the user is already logged in display ExpenseActivity rather than LoginActivity on start.

Task 4: Implement Data Transfer

- Create Data Handler which will be used for communicating with DataBase
- Implement data filter on main UI
- Use AsyncTask to perform latest news search operation.

Task 5: Trending Zone

- Create Module for Trending Zone
- Live reaction on trending items
- Discussion Platform for topics

Add as many tasks as you need to complete your app.

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