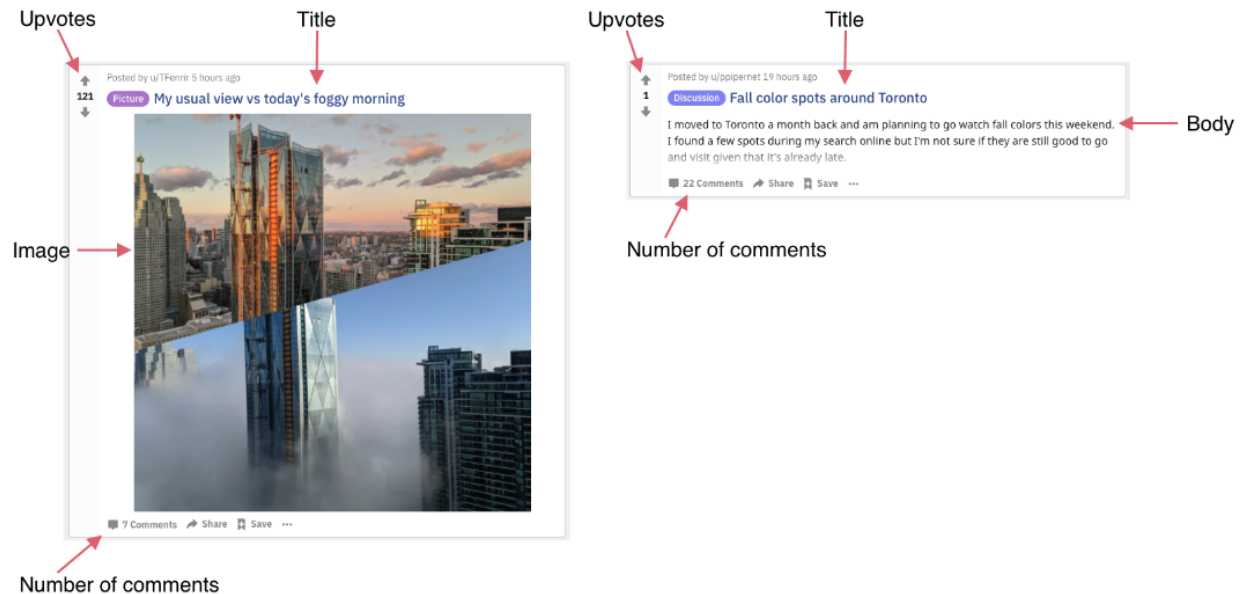


Android Developer Assignment

Build an Android application that displays the "Home" page of Reddit (<https://www.reddit.com>). The user should be able to tap on each post to navigate to the post's details page.



Home Screen

1. The **Home screen** should display Reddit posts in a RecyclerView and ViewHolder. You can make a network request to `https://www.reddit.com/.json` to get the home screen content in JSON format.
2. Each post cell should display:
 - Post title
 - Number of upvotes/likes (just the number)
 - Number of comments
 - If the post contains an image, it should be displayed. The post cell should resize dynamically to accommodate the image while preserving the aspect ratio.
3. If a post does not contain an image, simply display the post with the following data:
 - Title
 - Number of upvotes/likes
 - Number of comments
4. The post cells should have dynamic sizes based on the content they are displaying.

Details Screen

1. The **Details screen** should display:
 - The post's image (if it exists), preserving its aspect ratio.
 - Post title
 - Post body (if available)
 - Number of upvotes/likes (just the number)

- Number of comments
- 2. If the post contains an image, it should be displayed in its full size (preserving the aspect ratio). If there is no image, only the title, body, upvotes/likes, and comments will be shown.
- 3. The user should be able to navigate back to the Home screen. This can be achieved by a simple back navigation button on the details screen.

The details screen must be fully implemented in **Jetpack Compose**. This includes displaying the post content and handling navigation.

Architecture and Data Flow

- All the screens (Home or Details) must be done in **Kotlin**.
- The Home screen will be implemented with XML Layout (RecyclerView, ViewHolder).
- The Details screen will be implemented using Jetpack Compose.
- Implement the required API call and parse the JSON response into a data structure that fits the Reddit post data. Ensure that it is easy to bind this data into the RecyclerView and Compose UI.
- You are free to design the architecture, classes, models, and data flow as you see fit. However, it is recommended to use a clean architecture or the **MVVM** pattern.
- Ensure that the app is structured in a maintainable and readable way. Avoid over-engineering.
- If using third-party libraries, make sure to explain your reasoning during the interview. **Do not use third-party libraries unless absolutely necessary.**

The design of your application does not need to match the screenshots in the image attached above.

Acceptance Criteria

- The application should make a request to `https://www.reddit.com/.json` and decode the response into the appropriate data structure(s) that can be used for both the RecyclerView (Home screen) and Details screen.
- You've implemented basic error handling.
- The final project is either zipped or uploaded to a GIT repo and shared with Havas.