

Pettera Assignment

Task 1(UI Building)

- 1)Design this below screen.
- 2)The UI should be pixel perfect and fully responsive.

Design link -

<https://drive.google.com/file/d/1f5hKKRBzQBwaYTxAWIRqrm3U8z7kJsK/view?usp=sharing>

Task 2 Developing an Animal Search App with Pagination using API

- 1)The objective of this task is to design and develop a mobile application that allows users to search for animal pictures.
- 2)The app should include a search bar at the top where users can input their query (user will enter animal name, for example dog) .
- 3) Below, it display the search results in a grid format. Each row in the grid should contain three pictures related to the search query, and there will be 5 rows.
- 4)On scrolling, more images should come .
- 5) The images should be loaded in a paginated manner to improve performance (this means that the images should only be loaded when the user is scrolling only).

Here you can use any API from the internet to load the images.

Submission Guidelines for the Assignment:

GitHub Repository:

- 1)Create a public GitHub repository to host your project code.
- 2)Commit and push all the source code, including scripts, assets, and configuration files, to the repository.
- 3)Ensure the repository is well-organized with clear file and folder structures.Include a README.md file that provides an overview of the project and instructions on how to run the app.

Google Drive Folder:

Create a folder on Google Drive specifically for this assignment submission.
Task 1: User Interface ScreenshotTake a screenshot of the app's user interface,of task 1 showcasing the design and layout.Upload the screenshot to the google drive.

Task 2: App Screen RecordingCreate a screen recording of the app's functionality of task 2.The screen recording should demonstrate how the app works, including search, pagination, and image loading.Save the screen recording as a video file (e.g., MP4) and upload it to the google drive.

APK Upload

Upload both tasks apk to the google drive as well.

What to Submit?

- 1) Github Repository link for both the task.
- 2) Google drive link, containing
 - 1) UI Screenshot
 - 2) Search App Video
 - 3) APK Download File