

Flutter Interview Assignment – Cross-Platform Image Upload

Objective

Build a Flutter app to upload images to Firebase and view them across Mobile and Web using Riverpod for state management.

Problem Statement

Users should be able to pick an image, upload it to Firebase Storage, store metadata in Firestore, and view all uploaded images in a gallery on both Web and Mobile.

Core Requirements

- Pick image (gallery on mobile, file picker on web).
- Upload to Firebase Storage.
- Store URL + timestamp in Firestore.
- Display images in grid/list with real-time updates.
- Use Riverpod for upload & gallery state.
- Works on Flutter Web and Mobile.

Tech Stack

- Flutter (latest)
- Firebase Storage + Firestore
- Riverpod
- image_picker (mobile), file_picker (web)

Submission & Evaluation

Submit a GitHub repo with README (setup + run web/mobile), screenshots/screen recording, and Firebase rules. Evaluation: code quality, architecture, Riverpod usage, error handling, cross-platform compatibility. Time: ~6–8 hours.