

Final Project Evaluation – Android App (Developer Version)

Overview

- 1 This document evaluates a final Android mobile app project.
- 2 It includes: (1) Requirement validation (2) Project grading.
- 3 If mandatory requirements are not met → grade = 0.
- 4 Bonus: up to +10 points for advanced features.

Mandatory Requirements

- 1 App must be an Android application.
- 2 App must run during evaluation.
- 3 Use Activities, Intents, multiple screens (Fragments if needed).
- 4 Must include a graphical user interface (UI/UX).
- 5 Must use events (buttons, listeners, inputs).

Advanced Features (choose at least one)

- 1 AlarmManager with Notifications
- 2 JobScheduler
- 3 API data fetching
- 4 Services
- 5 ActivityForResult
- 6 Custom animations
- 7 Implicit intents

Data Storage (Required)

- 1 Must save and retrieve data.
- 2 Use SQLite, MySQL, Firebase, or Firestore.
- 3 SharedPreferences or text files are NOT valid.

Advanced Topics (choose 2)

- 1 Sensors, Google Maps, Threads, Bluetooth, NFC
- 2 Server API integration
- 3 AI / Machine Learning
- 4 Networking or image processing

Code Quality

- 1 Project must be complex.
- 2 Use OOP (classes, logic separation).

- 3 Clean code structure and naming.
- 4 Use appropriate data structures.

Documentation Requirements

- 1 Introduction and project goal
- 2 User guide with screenshots
- 3 Architecture (class diagrams)
- 4 Implementation details (code explanation)
- 5 Personal reflection
- 6 Full code submission with comments

Evaluation During Presentation

- 1 Present and run the app live
- 2 Demonstrate full workflow
- 3 Explain database usage
- 4 Explain code clearly
- 5 Answer theoretical questions