

EC5406 Software Group Project

Department of Electrical and Information Engineering

Faculty of Engineering

University of Ruhuna

Sprint Evaluation – Progress Tracker

Tasks Completed Under Sprint 01

1. Requirement Gathering & Research:

- Researched existing AR navigation apps to identify user challenges and system requirements.
- Prepared a **Requirements Specification Document** outlining functional and non-functional requirements.

2. UI/UX Design:

- Created a **simple Figma prototype** for the mobile app.
- Designed basic screens and navigation flow for the AR navigation application.

3. Technology Finalization:

- Researched and finalized the tech stack including **Flutter**, **Firebase**, and **Google Maps API**.
- Documented selected technologies with justification for each.

4. Google Maps API Research:

- Studied API capabilities for fetching locations, displaying maps, and placing markers.
- Prepared notes and a short **API usage document** for future integration.

5. Sample Flutter App Development:

- Built a **simple Flutter app** that uses the camera and allows users to enter a building ID to display a predefined list of rooms for that building (without using a database).

To be completed by the evaluator

Remarks:

Name of the evaluator

Date and Signature

