

# 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

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#### 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).

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To be completed by the evaluator

Remarks:

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Name of the evaluator

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Date and Signature

