

EC5406 Software Group Project

Department of Electrical and Information Engineering

Faculty of Engineering

University of Ruhuna

Sprint 3 Evaluation – Progress Tracker

AR Campus Navigation System - ARWayz

Tasks Completed Under Sprint

Sprint 2	Sprint 3
<ol style="list-style-type: none">UI Updated<ul style="list-style-type: none">Designed and updated buttons for better usabilityImproved background layout and color schemeAdded and aligned the application logoCamera & QR Scanning Implemented<ul style="list-style-type: none">Enabled camera access in the appIntegrated QR code scanner functionalityTested scanning on different QR formatsQR Code & Sample Web Page Created<ul style="list-style-type: none">Generated QR code for <i>Building B001</i>Created a sample web page for building roomsAdded room names with related imagesBackend Initialized (Firestore)<ul style="list-style-type: none">Set up Firebase project and Firestore databaseCreated collections for Building 01 and POIsConnected app with Firestore backendPost-Scan Actions Enabled<ul style="list-style-type: none">Implemented Open option for scanned linksAdded Copy functionality for QR content	<ol style="list-style-type: none">Google Maps Navigation Implemented<ul style="list-style-type: none">Integrated Google Maps redirection to navigate to Faculty of Engineering (FoE)Enabled external map opening from within the applicationTested navigation accuracy and functionalityGoogle Maps Navigation Implemented<ul style="list-style-type: none">Implemented map view inside the applicationEnabled location display within the app interfaceVerified map loading and usabilityUnity Environment Setup Completed<ul style="list-style-type: none">Installed and configured Unity for AR development.Set up initial project structure and scenes.Configured required project settings for AR functionality.QR code for AR Experience Generated<ul style="list-style-type: none">Generated QR code using the AR Code PlatformLinked QR code to AR experience contentSuccessfully tested QR-based AR activation

<ul style="list-style-type: none">Added Share feature for QR data <p>6. ER Diagram Created</p> <ul style="list-style-type: none">Designed entities and relationshipsDefined primary and foreign keysMapped database structure visually <p>7. Basic AR Setup Connected</p> <ul style="list-style-type: none">Integrated camera with AR module	

To be completed by the evaluator

Remarks:

Name of the evaluator

Date and Signature