

Final Year Project

Research

- Research how lack of exercise is effective
- Research existing solutions
- Research Android Studio
- Research how to design GUI
- Research how to test application
- Research how to set up database

Create repository for version control

- Set up GitHub

Develop Prototype Application

- Create prototype

Identify requirements

- Functional Requirements
- Non-functional Requirements
- Requirements Gathered

Analysis

- Create Model Use Cases
- Create Class Diagram
- Create Sequence Diagram
- Analysis Complete

Database Design

- Create ERDs
- Create DFDs
- Normalisation
- Database Design Completed

Design

- Create paper prototype of UI/Application
- Design Completed

Implementation

- Create Login for 3 type of Users
- Create Signup for 2 type of users
- Create UI for the Player User
- Create UI for Club user
- Create UI for Admin
- GPS Functionality
- Implement the backend for all design
- Player User Part Complete
- Club User Part Complete
- Admin Part Complete

Testing

- Create test suites in Android Studio
- Get colleagues to Test App
- Testing Complete

Project Report

- Write Report
- Report Completed

Deadline for other Modules

- Artificial Intelligence Lab Task 1
- AAD 1st submission
- Artificial Intelligence Lab Task 2
- Artificial Intelligence Report
- AAD Report + Code
- Artificial Intelligence Lab Task 3
- Adv Soft Engineering Report + Code
- AAD Phase Test
- Artificial Intelligence Lab Task 4

FYP Deadlines

- FYP Tutorial 2
- FYP Review Point 2
- FYP Tutorial 3
- Review Point 3 + Show case entry
- FYP Tutorial 4
- Project Submission
- Project Demo
- FYP Tutorial 5

