**Project Title:**

**Group Member Names and IDs:**

**Week 5 &6:**

**Finalise Coding with the Core Functionalities, Conduct the Integration of Software Modules. (100% of the tasks below should be submitted - 4 Functionalities should be completed)**

* + **Building Code (Document the Progress in section 4): Programming Manual (Building the Code for the Core Functionalities - Classes): Should has the documentation of building the code.**
  + **Appendix A (Document the Code in Section 5) - Developing the Classes and methods: Should has the code you built with providing the screenshots**

1. **Building Code: Programming Manual (Software System and Network Infrastructure & Set up Development and Testing Environments)**
   1. Module 1 Name
      1. First Functional Requirement (Building the Code for Classes and Methods)
      2. Second Functional Requirement (Building the Code for Classes and Methods)
      3. Third Functional Requirement (Building the Code for Classes and Methods)
      4. Fourth Functional Requirement (Building the Code for Classes and Methods)
      5. Fifth Functional Requirement (Building the Code for Classes and Methods)
2. **Appendixes**
   1. **Appendix B - Building the Code for the Core Functionalities [Code and Screenshots should be provided]**
      1. Module 1 Name
         1. First Functional Requirement (Code of the Classes and Methods)
         2. Second Functional Requirement (Code of the Classes and Methods)
         3. Third Functional Requirement (Code of the Classes and Methods)
         4. Fourth Functional Requirement (Code of the Classes and Methods)
         5. Fifth Functional Requirement (Code of the Classes and Methods)

**User Manual (Weeks 6) – (30% of these tasks should be completed)**

1. **User Manual** 
   1. Introduction
   2. System Setup
      1. Hardware Setup
      2. Software Setup
   3. System Usability
      1. First Functional Requirement User Interface
      2. Second Functional Requirement User Interface
      3. Third Functional Requirement User Interface
      4. Fourth Functional Requirement User Interface
      5. Fifth Functional Requirement User Interface
   4. Internal Testing
   5. Unit Testing
   6. Integration Testing
   7. Execute performance and security testing.
      1. Validate Non-Functional Requirements
   8. System Testing
      1. First User Interface Testing
      2. Second User Interface Testing
      3. Third User Interface Testing
      4. Fourth User Interface Testing
      5. Fifth User Interface Testing
   9. Conducting user acceptance testing (UAT) and gathering feedback.
      1. Final testing and verification of the solution.