**Agreement Form: Requirements**

Group Number:

Team members (print): DOROTA MARCZAK, NADER SOBHI, SCOTT ALLAN, LIAM HARLEY

Project Title: Smart Eco System

Please refer to the attached documentation for full details on the project. The requirements are listed in Table 1. The signatures below indicate that the requirements for this project have been agreed by the project stakeholders.

Any changes to the project documentation should be made using the correct change authorisation procedure agreed with the program specialist.

|  |  |
| --- | --- |
| **ID** | **List of Agreed Requirements** |
| Functional Requirements:   1. Wemos device connects to the database 2. Gather data on plants (Temperature, Light, Moisture, Humidity) 3. Put this Data into a database 4. Present the data in a graphical manner on website 5. Feature in place on website to register device 6. Feature in place for users to register 7. Feature in place for users to login 8. Require device-account registration 9. Require registering on the website before utilising any of the services 10. Require login on the website before allowing the viewing of data 11. Present current status on device itself 12. Section of website accessible to all users with information on the Clients company 13. Section of website accessible to all users with information on the functionality of the device 14. Section of website accessible to all users with information on the system as a whole 15. Section of website accessible to all users with contact information of the clients company 16. The website will give users the option to select the time length they want to view the data 17. Email user when status of plant is low in any of the measurements 18. Website must be responsive 19. Users should be able to clear data pertaining to them   Non-Functional Requirements:   1. Website should be accessible to all users 2. Website and database should be able to be scalable to user size 3. Device should be easy to setup for users 4. Device should be able to be produced on a commercial scale 5. Website should be user friendly 6. Device should be reliable in terms of data handling and performance 7. System as a whole should be available with as little interruption as possible 8. Website should be easily maintainable after it is delivered to the user 9. Websites login and register features should be secure to malicious attacks or tampering 10. Data collected and stored in a manner that is compliant with the relevant laws of the region of operation 11. The data’s integrity should be preserved throughout its life-cycle 12. Database should be secure and non-accessible to users 13. Device has some functionality in place to ensure that data loss is minimal 14. Ensure that the method with which data is collected and held complies with the GDPR 15. Inform the user of what data will be collected and for what purpose in order to comply with the GDPR | |

|  |  |  |
| --- | --- | --- |
| **Stakeholders** | **Signatures** | **Date** |
| Team members  Dorota Marczak  Nader Sobhi  Scott Allan  Liam Harley |  |  |
| Programme Specialist  Lynsay Shepherd |  |  |
| Client  Lynsay Shepherd |  |  |