Appendix 3: Additional Attachments

I have included the following attachments onto the final submission of this thesis:

- ➢ Arduino High-Level Architecture Diagram
- ➢ Web Application High-Level Architecture Diagram
- ➢ Class Diagram
- ➢ Empathy Map
- ➢ Process Cycle Diagram
- ➢ Use Case Diagram
- ➢ Value Proposition Canvas
- ➢ Arduino "Final" Schematic
- ➢ Schematic of ESP-01 in Bypass Mode
- ➢ Schematic of ESP-01 in SoftwareSerial Mode
- ➢ Schematic of the MH-Z19B in Analog Mode
- ➢ Schematic of the PH-4502C

Any tables, figures, or diagrams not attached in this appendix should be available directly in this report in high-resolution. Please zoom-in to view.

Appendix 4: Database Seed File

I will also be attaching the **.SQL** *seed* file, which was generated via *mysqldump* from my own local test database.

Appendix 5: Web Application Code, PHP Project Folder

I am attaching the web application's source code in the form of the PHP project folder as an appendix for inspection.

Appendix 6: Hydroponic Sensor Code, Arduino Project Folder

I am also attaching the Hydroponic Sensor device's source code in the form of the Arduino project folder.