**Project Development – Weekly Update**

**Smart Household Energy Monitoring and Management**

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Student Number: L00160463

Week Number: 2

In Progress

Complete

Delayed

| *Activities carried out this week* | | |
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| **Item** | **Description** | **Status** |
| #1. | **Calibrate Sensor**  The sensor calibration is needed to refine and provide a more accurate reading of the power consumption. This is in progress and is almost complete. |  |
| 2. | **Sensor Pins**  This was an unexpected activity for this week the pins that connect both devices together (ESP8266 and D1 Mini) have become loose and weren’t making a solid connection. This has since been fixed with a small piece of solder. |  |

| *Plans for the next period* | |
| --- | --- |
| **Item** | **Description** |
| 1. | **Plan The Structure of the Database**  This plan is needed before the database is created to ensure the correct variables are in place. |
| 2. | **#2 Create Realtime firebase Database.**  This will then be the actual creation of the database according to the plan. |