**Project Plan – Matthew L00160463**

**Item Names**

1. Calibrate Sensor
2. Create Database tables.
3. Send Data to Firebase (ensuring real time updates is working)
4. Program the application using .net.
5. Implement the electricity threshold feature.
6. Testing phase

**Schedule**

|  |  |  |  |
| --- | --- | --- | --- |
| Week # | Item Name | Status  [In progress, Complete, Delayed] | Any Comments |
| 1 |  |  |  |
| 2 | #1 Calibrate Sensor | Complete |  |
| 3 | #2 Create Database | Complete |  |
| 4 | #3 Send Data to firebase using Arduino library (ESP8266WiFi) | In progress |  |
| 5 | #3 Send Data to firebase using Arduino library (ESP8266WiFi) |  |  |
| 6 | #4 Program the navigation and home screen of application using hardcoded data for testing |  |  |
| 7 | #4 Program the input box page for the electricity threshold and the alerts page. |  |  |
| 8 | #4 Implementing the Firebase database into the project replacing the hardcoded data |  |  |
| 9 | #4 Implementing the Firebase database into the project replacing the hardcoded data |  |  |
| Easter 1 | #5 Implement the alert for the electricity usage. |  |  |
| Easter 2 | #5 Implement the alert for the electricity usage. |  |  |
| 10 | #6 Testing for any major issues |  |  |
| 11 | #6 Attempting to fix any issues found |  |  |
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