# Plan

## Kieran Cooper

## 14036784

### Wk beginning 23rd Oct

**Board purchased and delivered. (done)**

**Board spec read and gotten to grips with (pending)**

**Plan created (ongoing)**

**Non-functional requirements written (ongoing)**

**Ethical checklist done and reviewed (pending)**

**Research and start of Literature Review (ongoing)**

**LoRaWAN module acquired (pending)**

### Wk beginning 30th Oct

**First phase start (LoRaWAN functionality)**

**LoRaWAN module talking to board (gateway functioning at basic level)**

**LoRa node acquired**

**Progress on Literature Review (~30%)**

### Wk beginning 6th Nov

**Node can ping gateway**

**Literature Review progress (~60%)**

### Wk beginning 13th Nov

**SD card reader talking to board**

**Literature Review complete**

### Wk beginning 20th Nov

**Board can write data to SD card in human readable format (Parse tool required?)**

### Wk beginning 27th Nov

**GPS module added to node**

**Gateway receiving GPS data**

### Wk beginning 4th Dec

**first phase complete (LoRaWAN functionality)**

**Range test (necessary?)**

**Planning map solution**

**Write-up**

### Wk beginning 11th Dec

**Second phase start (Map integration)**

**Set up local webserver on laptop/pc**

### Wk beginning 18th Dec

**embed google map and map data from SD card**

### Wk beginning 25th Dec (yay christmas)