# Team Meeting Minutes & Status Update

## Meeting #FINAL
Date: 13/09/2019

**Participants:**

- Dr Kevin Lee, supervisor, client
- Bronte Jurgens
- Greg McIntyre
- Sean Pain

**Agenda:**

- Aims of the project, what we've done
- Where we are at
- What we need to do for handover

**Action Items from Last Meeting (09/09/2019):**

- Connect database to the GUI, Bronte, 23/09/2019 Partially COMPLETE
- Work on expanding the GUI, Bronte, Greg, 23/09/2019 Partially COMPLETE
- Have a working prototype, Team, 23/09/2019, Partially COMPLETE
- Create the processor for sensor data to control arduinos, Sean, 23/09/2019 Partially COMPLETE

**Minutes:**
- Project status
- The company is 'out of money' for this project so it must be moth balled until future funding is found
- Aims for system;
    - Create a service API for KelpTheWorld
    - Create an Arduino frame concept to receive sensor data and transmit to web server
    - Create a web server to receive data from various farms
    - Create a web interface to display data
- Hardware status overview, problems with JSON message size
- Frontend overview, not getting through local network
- cloudMQTT to mongoDB, approved list of devices, handles live data, checks thresholds, ready to send data back to Arduino.
- Show and tell
- Directions for achieving a successful handover

**Action Items:**
- Complete handover documentation, TEAM, 30/09/2019

> **Commented [GR1]:** •(Task), (Assignee), (Deadline) - GM

# Previous Meeting Minutes

## Meeting #4
Date: 13/09/2019

**Participants:**

- Dr Kevin Lee, supervisor, client
- Sean
- Bronte

**Agenda:**

- Aims of the project, what we've done
- Where we are at
- What we plan on doing

**Action Items from Last Meeting (09/09/2019):**

- Work on the backend, to ensure it communicates with the GUI, Greg, Sean COMPLETE
- Work on expanding the GUI, Greg, 16/09/2019, INCOMPLETE
- Create an initial GUI version, Bronte, Complete
- Create backend receiving from web service, Sean and Greg, COMPLETE
- Store data in MongoDB, Sean, 13/09/2019, COMPLETE
- Have a simple working prototype, TEAM, 13/09/2019, INCOMPLETE

**Minutes:**
- Talking about what we have completed in the past week
- Talking about where we are now
- Talking about where we want to be and what needs to be completed
- Talking about graphing, and visualising, graphly
- Microservices, ability to deploy many different servers and many frameworks
- Could have completely different interfaces running on different node js servers
- Need to clearly outline agenda before meeting
- Outline all tasks and take ownership
- Prepare for a demonstration, a video would be better, live is good enough
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**Decisions:**
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> **Commented [GR2]:** •(Decision Item), (Decision), (Decision Maker) - GM

**Action Items:**
- Connect database to the GUI, Bronte, 23/09/2019

> **Commented [GR3]:** •(Task), (Assignee), (Deadline) - GM

- Work on expanding the GUI, Bronte, Greg, 23/09/2019
- Have a working prototype, Team, 23/09/2019
- Create the processor for sensor data to control arduinos, Sean, 23/09/2019

# Sprint Increment Report

**Client/Sponsor:**
**Academic Supervisor:**
**Team:** *Kelp the World*
**Team Members:**

- Bronte Jurgens
- Greg McIntyre
- Sean Pain

Dear *Dr Lee,*

We look forward to reporting the progress of this sprint. We have captured the following points to update you on how things are going and if we have encountered any hurdles in our execution.

This recent sprint focused on researching current technologies for the best implementation of this prototype and the coming sprint will focus on *handover.*

**Outcome(s) of this Sprint:**

- Working project modules

**Activities this Sprint:**

- GUI Development
- Prototype Development
- Backend logic

**Activities that will occur next Sprint:**

- Complete handover documentation

Please let us know if you have any questions.

Sincerely,
*Kelp the World*

# Sprint Retrospective

**Things the team will START doing:**
- Pushing to git more efficiently
- Recording README.md information for documentation

**Things the team will CONTINUE doing:**
- Communication, documentation of progress
- Development or project, making and pushing to GitHub
- Recording of work, including hourly status updates of progress
- Prepare weekly meeting documentation earlier to make meetings more efficient

**Things the team will STOP doing:**
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