Team Meeting Minutes & Status Update

Meeting #3

Date: 09/09/2019

Participants:

- Dr Kevin Lee, supervisor, client
- Greg McIntyre

Agenda:

- Summary
- Integration

Action Items from Last Meeting (DD/MM/YYYY):

Commented [GR1]: •(Task), (Assignee), (Deadline), (Complete or Incomplete) - GM

- Create an Arduino concept passing data to web service, Greg, 9/02/2019

COMPLETE, mosquitto and cloudMQTT versions available

- Create an initial GUI version, Bronte, 9/02/2019

UNKNOWN, waiting on member feedback

- Create simple backend receiving from web service, Sean and Greg, 9/02/2019

INCOMPLETE, Simple subscribe created, need to put into local variables. mongoDB created.

- Have a simple working prototype, TEAM, 9/02/2019

INCOMPLETE, backend is not communicating with GUI, GUI is not pushed to git for team to work on.

Minutes:

- Summary, recap of progress. Limiting factors.
- Team learning React.js for the UI development
- Slight slowdown in progress, integration of individual components required
- Integration, for single prototype

Decisions:

Commented [GR2]: •(Decision Item), (Decision), (Decision Maker) - GM

- Team meeting required to get everyone on the same page.
- Next meeting Friday, 5pm.

Action Items:

- Work on the backend, to ensure it communicates with the GUI, Greg, 16/02/2019
- Work on expanding the GUI, Greg, 16/02/2019
- Create an initial GUI version, Bronte, 9/02/2019
- Create simple backend receiving from web service, Sean and Greg, 9/02/2019
- Have a simple working prototype, TEAM, 9/02/2019

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

Previous Meeting Minutes

Meeting #2

Date: 02/09/2019

Participants:

- Dr Kevin Lee, supervisor, client
- Greg McIntyre

Agenda:

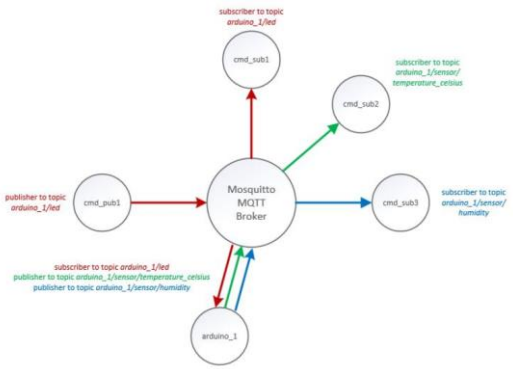
- API aims
- Device interaction
- MQTT aims
- GUI development
- Architecture development
- Documentation

Action Items from Last Meeting (9/02/2019):

- Develop knowledge to achieve, MQTT communication (pub/sub) using react.js and Arduino, Greg, complete.
- Work on Project proposal documentation, All, Complete.

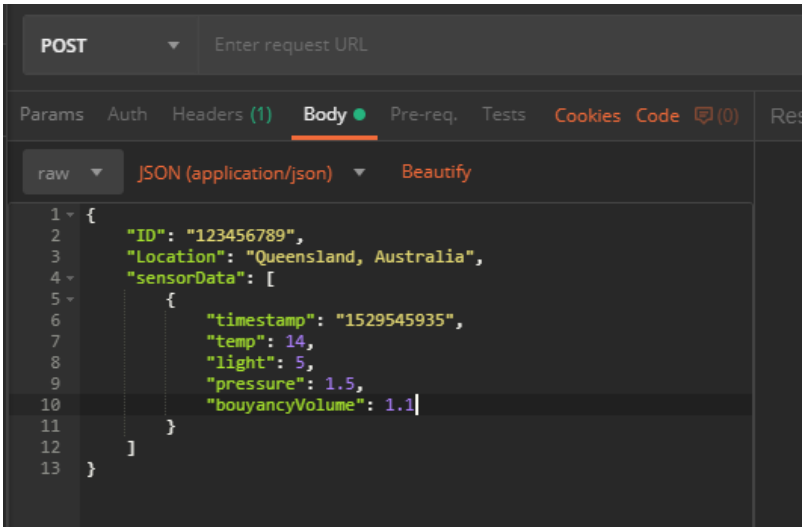
Minutes:

- API aims, the API should be designed to be able to be passed to and from many different varying devices, MQTT via a webserver would allow for more efficient, IoT communication.



- Device interaction, we want to be able to use varying devices to pass the API data, using a raw, JSON format would be most efficient as we could make many devices (Arduino, Raspberry PI, other) pass this data and then all the IoT capable devices could communicate effectively

Commented [GR4]: •(Task), (Assignee), (Deadline), (Complete or Incomplete) - GM

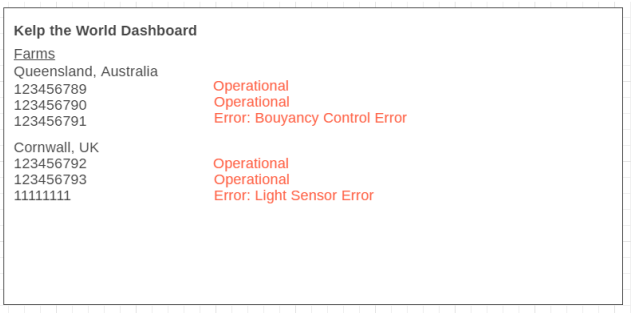


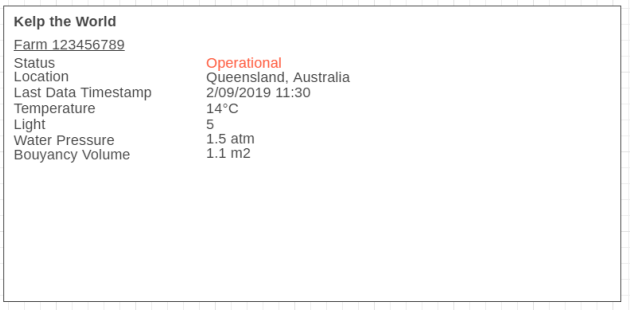
- MQTT aims

We are aiming to use MQTT sue to its versatility, currently we do not have a working system, more time investment is required

- GUI development

Possible directions, AngularJS/react to create responsiveness, sms based alerts, managed by geographical location, Device Type needs to be added, MongoDB for pulling all device data planned for future





- Architecture development, Documentation

Need to begin documentation, needs to be usable for client and handover (and for the submission of the task)

Decisions:

Commented [GR5]: •(Decision Item), (Decision), (Decision Maker) - GM

- nil

Action Items:

Commented [GR6]: •(Task), (Assignee), (Deadline) - GM

- Create an Arduino concept passing data to web service, Greg, 9/02/2019
- Create an initial GUI version, Bronte, 9/02/2019
- Create simple backend receiving from web service, Sean and Greg, 9/02/2019
- Have a simple working prototype, TEAM, 9/02/2019

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 *development.*

Outcome(s) of this Sprint:

- Working, device prototype
- Initial GUI version
- Simple backend

Activities this Sprint:

- Individual tasks

Activities that will occur next Sprint:

- Integration
- Backend dev
- Ui development

Proposed amendments to Scope:

- Push prototype back one week.

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

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:

- nil