**ENGINEERING JOURNAL TEMPLATE**

# Date

03rd-7th Feb

# Tasks

* Test basic HTML page on the ec2 instance to make sure everything is working.
* Use mqttt library to store the cloudmqtt.com data in the mongodb
* Understand JSON as the data will be need to be in that format to display on the front end

# Solutions

*Software:*

* I installed mongodb and nodejs ni command shell with **$ sudo apt-get install nodejs npm mongodb**
* I then installed nodejs libraries/dependencies such as express, mongoose,mqtt

"dependencies": {

"express": "^4.17.1",

"mongoose": "^5.8.10",

"mqtt": "^3.0.0"

}

* Mongoose is an object modelling tool for mongodb
* I plan to use express.js which is a web application framework for Node.js
* I also research JQuery which is a library built with JavaScript