Your Company  
Project Scope

Date 07/05/2020

# Overview

## Project Background and Description - Joe

The overall project is to develop a network to monitor and collect data on the classroom environment to be stored on a database that will allow adjustments to maintain maximum classroom efficiency. The database needs to be set-up and maintained for recording the data from the room sensors.

The database needs a table for room sensor data that takes in all the sensors data, it also needs a table with the sensor parameter set points and allowable range is required, SQL queries for CRUD operations on all tables and an SQL query that returns room data within a date range is required.

The following database users should be created that have minimum permissions to complete:

* Admin - Grant all
* Local user - for PHP code
* Remote user - for Data analysis

## Project Scope - Joe

The database would be considered finished when there are two tables one for sensor data and one for sensor parameter set points with an allowable range and the database can be accessed by an admin, local users and remote users for data analysis with acceptable permissions for each, with admin having full control. The database will also need to have SQL queries for CRUD operations on all tables and an SQL query that returns room data within a date range.

## High-Level Requirements - Joe

The new system must include the following:

* A table with room sensor data needs to be set up for all sensors.
* A table with sensor parameter set points and allowable range is required.
* SQL queries are required for CRUD operations on all tables.
* An SQL query that returns room data within a date range is required
* A user with Admin privileges
* A local user for PHP code
* A remote user for Data analysis

## Deliverables - Joe

Networking class - the networking class will be affected by our class because if we do not deliver with our section of the project then other teams will be affected which means the server and networking side of the project wont be able to be completed.

## Affected Parties - Joe

Team 3: The PHP Team will be affected by this project because if we do not deliver our database they will have nothing to work with when trying to bring data in and data out

Team 2: The Dashboard team will be affected for the same reason team 1 will be, because they will have nothing to build a panel dashboard display and Notice Boards around if they do not have the data from the PHP team which comes from our database.

## Specific Exclusions from Scope - Joe

our project is done in sections by different teams our team is working on the SQL database we will be working on the creating the database together and the SQL code will be put into the server created by the other class and the data that needs to be entered into the database will be provided by the system engineering class and will be put into the database by team 3 in the class and the front end will be made by the team 2.

## Implementation Plan

We are going to create a database that holds all the data provided by the sensors that will be installed in a room at the gordon tafe, the data will be stored in a SQL database created using mySQL the database will just be a skeleton for the data provided by the php team to be inserted into the database.

## High-Level Timeline/Schedule

|  |  |  |  |
| --- | --- | --- | --- |
| 1st Term | 2nd Term | 3rd Term | 4th Term |
| Planning project and Learning Git, Github | Continuing Planning and discussing scope | Starting creation of the SQL Database | Completing the Database and completing quiz |
|  | Completing Ghantt chart and discussing roles in the creation of the database. |  |  |

# Approval and Authority to Proceed

We approve the project as described above, and authorize the team to proceed.

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| --- | --- | --- |
| Name | Title | Date |
| Joe Pearse |  | 25/06/2020 |
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| Approved By |  |  | Date |  | Approved By |  |  | Date |