13 November 2019

**Project Work Diary**

# Tasks

* Send SQL queries and requests to server from web page.
* Establish connection between RaspberryPi and server on Laptop.

# Reflection

* Connection established, can send queries directly from Pi to Heidi.

Additional users can be added to access the database.

* RaspberryPi is added and given admin privileges (full access granted)

# Notes:

Connection from Pi to Heidi:

-sudo apt-get install mariadb-client-10.0

(IP of laptop)

-mysql --host 192.168.1.8 --user = RaspberryPi --password = 2959

* Will need to add column to database that will hold values if somebody have booked the slot.

SELECT gpscoord,locationname FROM locations WHER availability =1 AND booking = 0; ???

# Issues:

* Need to think whether Image will be processed at Pi or at server PC.
* How Queries will be processed to server ? Using script or Java code ?
* Should gpscoord be foreign key , as there will be multiple slots at single location.
* Learn about relational database architecture.