21 October 2019

**Project Work Diary**

# Tasks

* Set up Raspberry Pi
* Develop a database

# Reflection

* Setup of Raspberry Pi was successful. Have all necessary software preinstalled with Raspbian OS.
* Had issue where Pi was giving me error saying: “low power detected”. Researched this issue online and found out that thickness of the cable resolved the issue (currently using thicker micro USB cable)
* Creating database tables took me some time due to very low knowledge of SQL.
* Before creating database I have developed it on the paper in order to speed up process and edit it less.

# Issues:

*Hardware:*

1. Raspberry Pi arrived without a power supply, have to look up information online what are power requirements for this piece of hardware.
2. Tried to power up Pi using phone charger. Did not work as not enough power is being output. Pi is showing error for low power.

*Software:*

1. Have to set up Heidi and MySQL on my laptop in order to work with database

# Solutions

*Hardware:*

* Connected Raspberry Pi using Tablet charger, this is providing output power very close to one that is required by Pi. 5.4V 2.4Amp

*Software:*

* Heidi and MySQL are set up and running on laptop.