Final Year Project Log

# Face Recognition Fleet Management System

## **Date:6/03/2020**

## **Log Number : 20**

## **Reflection:**

Things have started to move along now. This week has been quite productive. I have the web app writing to the mongo Atlas cloud database and retrieving the data in csv form, I haven’t managed to automatically write the information to a table, but have managed to have a button populate a table in the web app. More work needs to be done on this but for now it has been shelved so that work can return to the raspberry pi and reading from the cloud and verifying hashed passwords using bcrypt. I have managed to write stand alone code for this and test that it works. I need to integrate this code into the face recognition script and figure out how to write a GUI in python for entering the users details.

## **Tasks:**

1. Investigate tkinter for python, this is the GUI library in python
2. Research how to take user input from the GUI and verify with hashed values in database
3. Integrate GUI and hashing into working face recognition code.