***Assignment 03***

# Programming Internet of things

## Bhavi Sanjay Mehta s3811346

## David SarkIes s3664099

## Michael Blake s3622180

## Jia Hong Tay s3686990

# Modules Covered

Covered by Jia Hong Tay:

### MANAGER PAGE AND VISUALIZATION CHART

### SPHINX DOCUMENTATION

### README.MD

Covered by David Sarkes:

### Database setup

### complete Unit Tests

### QR Code Login

### database functions to access the data

### Push Bullet Notification

### Bluetooth Login

### Voice Recognition

### Complete Car Service Functionality

Covered by Michael Blake:

### Engineer Front-End Google Maps Integration

### Requirements.txt

Covered by Bhavi Sanjay Mehta:

### Flask web application implementation

### Entire Frontend Development (HTML , BOOTSTRAP and JINJA ) for ALL PAGES (**all .html files**)

### Entire API development (flask restful api) Database Design Input Validations On Forms Register And Login For All 4 users - Admin, Manager, Engineer And Customer **Complete Flows- FrontEnd, API And Database Functions & SQLs for :**

### Admin - View Car Rental History Admin- Search for Users And Cars

### Admin - Modify Information of Users and Cars Admin - Add And Delete Users and Cars Admin- Report Car For Service Engineer - Add Engineer Details for Bluetooh and PushBullet Inputs