# CS 255 System Design Document

## UML Diagrams

### UML Use Case Diagram

A picture containing chart

Description automatically generated

### UML Activity Diagrams

Graphical user interface, application

Description automatically generated

### UML Sequence Diagram

Diagram

Description automatically generated with medium confidence

### UML Class Diagram

Timeline

Description automatically generated with medium confidence

## Technical Requirements

The DriverPass system shall be a web-based application, using micro services to handle most of the features of the website. The website shall be coded using a combination of .JS, HTML, Python, and some CSS. Mostly .JS however. Preferably the server should be at the business location itself for easier management since they have an IT Administrator on site, who should be properly certified. This will house all of the data for the system.