# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

Diagram, schematic

Description automatically generated

### UML Activity Diagrams

*Graphical user interface, diagram

Description automatically generated*

*Diagram

Description automatically generated*

### UML Sequence Diagram

*Diagram

Description automatically generated*

### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

The technical requirements for the DriverPass system include, needing a test server, and building a mobile application for the owner to use outside of the office. The database and test server can be cloud based, to save some money on the front end. To manage security, data needs to be encrypted via SSL. All user data and information must meet the highest standards. Utilizing a cloud platform provides more timely processing, for tasks such as scheduling appointments and recording user progress. As users are added they should be assigned a roleType that allows different users access to specific portions of the system.