# CS 255 System Design Document

## UML Diagrams

### UML Use Case Diagram

Chart, diagram, bubble chart

Description automatically generated

### UML Activity Diagrams

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 system is intended to be built on a cloud platform so that DriverPass does not need to worry about maintenance and security of the whole system. It will still need servers for customer and employee information, as well as for scheduling, even though it will be hosted by a cloud provider. DriverPass will need phones for customers who call in their appointments and sign-up information rather than using the website. Even though the site is hosted by a cloud provider, DriverPass still needs to have computers of their own.