# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

Diagram

Description automatically generated

### UML Activity Diagrams

Diagram

Description automatically generated

Diagram

Description automatically generated

### UML Sequence Diagram

Graphical user interface, diagram

Description automatically generated

### UML Class Diagram

Timeline

Description automatically generated

## Technical Requirements

It will be necessary for the system to have access to a cloud computing infrastructure. Development will take place inside an IDE, like Windows Studio. All modern browsers will need to be used to test and develop the system. A virtual server can be set up for most of the development and testing. Customers and instructors will require a phone, tablet, or computer to access the system. The DriverPass system should be OS agnostic due to the client existing wholly within a web browser, but through testing could be performed by using multiple different devices with varying operating systems.