# CS 255 System Design Document

## UML Diagrams

### UML Use Case Diagram

Chart, diagram

Description automatically generated

### UML Activity Diagrams

* **For student log-in use-case**

**Diagram

Description automatically generated**

### For student making driving appointments use-case

Diagram

Description automatically generated

### UML Sequence Diagram

### For student making driving appointments use-case

Diagram

Description automatically generated

### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

Hardware Needed:

* The system can only be accessed by a personal computer or mobile device that is connected to the internet.

Software:

* The system will support MacOS, Window, and Linux operating systems for personal computers
* The system will support Android and iOS operating systems for mobile devices

Tools:

* The system will need network routers and wireless capabilities
* The system will need connectivity to the DMV for updates

Infrastructure:

* The system will need a cloud-based server
* The system will need network security