# CS 255 System Design Document

## UML Diagrams

### UML Use Case Diagram

A diagram of a driver pass

Description automatically generated

### UML Activity Diagrams

*A diagram of a computer program

Description automatically generated*

*A diagram of a software project

Description automatically generated*

### UML Sequence Diagram

A screenshot of a computer

Description automatically generated

### UML Class Diagram

A diagram of a software company

Description automatically generated

## Technical Requirements

Hardware requirements

* Mobile device or computer that has access to the internet and the minimum requirements such as storage while running the program

Software requirements

* Connected to the DMV so that any rules or regulations are updated accordingly for the driver lessons
* Security add-ons to regulate important information from the user and the system
* Access to the cloud and internet
* Must be cross-platform and work with all mobile devices or computer devices

Tool requirements

* Internet
* Wifi
* Security domain to protect valuable information
* DriverPass Admin and IT Support authorization to manipulate DriverPass system as needed

Infrastructure requirements

* Access to the cloud and internet
* Access to DriverPass databases