# CS 255 System Design Document

## UML Diagrams

### UML Use Case Diagram

*A diagram of a driver pass

Description automatically generated*

### UML Activity Diagrams

*A screenshot of a computer

Description automatically generated*

### UML Sequence Diagram

*A diagram of a workflow

Description automatically generated*

### UML Class Diagram

*A diagram of a company

Description automatically generated*

## Technical Requirements

Hardware:

* Computer
* Power source
* Internet Connection
* Physical Server
* Cars

Software:

* Cloud-Server
* Run on Windows, Mac, and Linux Operating Systems
* Capability to run on all web browsers

Tools:

* Internet Connection for Cloud and Physical Server
* Programming Software
* Administration Tools

Infrastructure:

* Cloud-based Server
* Access Level Security
* Cloud-based Security