# CS 255 System Design Document

Joseph Caron

## 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 process

Description automatically generated

### UML Sequence Diagram

*A diagram of a software application

Description automatically generated*

### UML Class Diagram

A screenshot of a computer

Description automatically generated

## Technical Requirements

* Hardware:
  + Reliable internet connection
  + Cloud based servers
  + Internet capable device (PC, Mac, smartphone, tablet)
* Software:
  + SQL Server to maintain the necessary database
  + Serverless architecture company to provide hosting and security
  + Database backup software