# CS 255 System Design Document

**DriverPass Application**

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## UML Diagrams

### UML Use Case Diagram

*A diagram of a driver pass application

Description automatically generated*

### UML Activity Diagrams

A screenshot of a computer

Description automatically generated

\*Assumes user is already logged into the system

A diagram of a project

Description automatically generated

\*Assumes user is already logged into the system

### UML Sequence Diagram

A diagram of a process

Description automatically generated

\*Assumes user is already logged into the system

### A diagram of a company Description automatically generated with medium confidenceUML Class Diagram

## Technical Requirements

Requirement for Server:

* Cloud based web server such as AWS or Oracle
* Sufficient space for database and backup copy

Requirements for Client

* Windows, Mac or Linux desktop or laptop computer with at least 4Gb Ram.
* Latest version of web browser such as Chrome, Safari, Edge or Firefox.
* Mobile device running latest Android or IOS software with 5G internet access and web browser.
* Up to date virus protection

Requirements for Admin

* Windows, Mac or Linux desktop or laptop computer with at least 4Gb Ram.
* Latest version of web browser such as Chrome, Safari, Edge or Firefox.
* Remote access for system management and reports
* Up to date virus protection