# CS 255 System Design for DriverPass

## UML Diagrams

### Diagram Description automatically generatedUML Use Case Diagram

### UML Activity Diagrams

Diagram, schematic

Description automatically generated

### Diagram Description automatically generatedUML Sequence Diagram

### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

* The system shall be online between the hours of 4AM to 2AM.
* The system shall be able to accommodate at least 500 users.
* The system will have an average load time of less than 3 seconds.
* The system shall have adequate security to prevent data breaches.
* The system shall lock for a short period of time after 3 failed attempts at logging in.
* The system shall be maintained by a third party service from cloud based services.
* The system shall be accessible through multiple browsers since customers may have different types of devices.