# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

Chart, diagram, bubble chart

Description automatically generated

### UML Activity Diagrams

Diagram

Description automatically generatedDiagram

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### UML Sequence Diagram

Diagram

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### UML Class Diagram

Diagram

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## Technical Requirements

One of the major components of the DriverPass system is the user accounts. For managing these and their associated permissions, Active Directory could be used. Additionally, a database could be used to store relevant customer data such as scheduling and payment information. Relatedly, as was requested, data backups of this information would be better stored elsewhere, offsite for disaster recovery purposes.

For the platform itself, DriverPass requires a broad compatibility across multiple operation systems and web browsers. Coding for cross-platform ought include Windows-, MacOS-, Linux-, Android-, and iOS-based devices. Further, support for Safari, Chrome, Firefox, and Edge should cover a vast majority of DriverPass’s end-users. Last, the need for a connection, or perhaps an API to the DMV’s site would be necessary, in order to receive any changes to their policies or training curriculum.