# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

A diagram of a driver pass

AI-generated content may be incorrect.

### UML Activity Diagrams

Log In/Register Account

A diagram of a computer flowchart

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Purchase Package

A diagram of a process

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### UML Sequence Diagram

A diagram of a software process

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### UML Class Diagram

A diagram of a software company

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## Technical Requirements

Since DriverPass is a growing small business, adopting a cloud-based server is advisable due to its affordability, flexibility, and ability to scale with future expansion. All administrative staff should have computers equipped with the Windows operating system to efficiently access and manage the system. Implementing an automated backup solution will help protect sensitive data such as customer and employee information, while robust security software will safeguard against malware and unauthorized access. A stable internet connection is essential for staff to stay updated on schedule changes, reservations, and DMV policy updates. Additionally, the DriverPass web portal should be accessible across major platforms—Windows, macOS, iOS, and Android—to ensure broad accessibility for users.