# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

*A diagram of a person's process

Description automatically generated*

### UML Activity Diagrams

*A diagram of a car

Description automatically generated A diagram of a card

Description automatically generated*

### UML Sequence Diagram

*A diagram of a customer service

Description automatically generated*

### UML Class Diagram

*A diagram of a company

Description automatically generated*

## Technical Requirements

Within a business with potential expansion, a cloud-based server is recommended due to its cost-effectiveness and scalability. Administrative members should have computers installed with a Windows operating system. An automated backup system and security software are needed to maintain sensitive data. A reliable internet connection is necessary for administrative members to receive updates on schedules, reservations, and policies. DriverPass's web-portal should be accessible on popular operating systems like MacOS, Windows, iOS, and Android to reach a large customer base.