CS 255 Project Two

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# CS 255 System Design Document

## UML Diagrams

### UML Use Case Diagram

Diagram

Description automatically generated

### UML Activity Diagrams

Diagram

Description automatically generated

Diagram

Description automatically generated

### UML Sequence Diagram

Diagram

Description automatically generated

### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

The main technical requirements for the DriverPass system would be:

* Device capable of accessing a web browser such as a phone, tablet, or computer
* Input devices to navigate the application such as touchscreen, mouse, and keyboard
* A cloud server for hosting the application
* A Linux server capable of operating as a database for users and content
* Payment processor for users to have the ability to purchase packages
* Security firewalls and encryption for all user data
* Web browser capable of displaying the application
* Development tools such as IDEs for creating and maintaining the application