# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

Diagram, schematic

Description automatically generated

### UML Activity Diagram

Diagram

Description automatically generated

**UML Activity Diagrams**

Diagram

Description automatically generated

### UML Sequence Diagram

Diagram

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### UML Class Diagram

Diagram

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## Technical Requirements

For the Drivepass system there are some requirements that are going to have to be taken into consideration. For example, the system should be able to be able to work on any web-based browser as well as work on mobile devices. The recommended platform for this would be to run it on a windows platform. The system should also be able to fast and allow the user to get the information and process information quickly. The system should be updated frequently by the admin and the instructors as well as receive updated information about the driving test from the DMV. The system shall also provide a username and password to all the staff and the users who create accounts. Access to certain aspects of the system will be restricted based on the requirements set by the admin. The system will provide the different packages offered to the customer and provide a payment system for the customer.

The interface for the system will be simple and provide everything the customer needs to be able to pass there driving test. It will provide study prep from the DMV information to make sure the client knows what is needed to pass. The interface will also show the progress as well as notes given by the instructor for customers to acknowledge and work on. The system will also give the user a way to interact with the instructor if they have any questions or concerns.