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CS 255

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# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

Chart, diagram

Description automatically generated

### UML Activity Diagrams

Case one:

User logins into account

Diagram

Description automatically generated

Case two:

User schedules appointment

Diagram

Description automatically generated

### UML Sequence Diagram

Chart

Description automatically generated with medium confidence

### UML Class Diagram

Chart, box and whisker chart

Description automatically generated

## Technical Requirements

The application known as DriverPass, will be an application that is accessible via the web to make things as convenient as possible for clients to take courses, exams, and schedule their driving tests. The application will also need to have a payment feature so customers can easily conduct transactions. The application will be web based and will need to be able to run on multiple OS such as Windows, Mac, and preferably Mobile iOS. It is preferred that we use cloud storage to manage the server side and database side of the application. There must be firewalls implemented to ensure network security.