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Systems Analysis and Design 22EW5

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# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

Chart, bubble chart

Description automatically generated

### UML Activity Diagrams

Admin Reset Password: Submit Payment:

Diagram

Description automatically generatedDiagram

Description automatically generated

### UML Sequence Diagram: Password Reset

Diagram

Description automatically generated with low confidence

### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

* A hosting server will be required to support the web based DriverPass application
* Clients will need a computer or mobile device with access to the internet to use the DriverPass application
* The system requires a payment processing service to verify and collect payments
* The DriverPass platform requires a database of clients to exist that is linked to the interface to support end user’s online profiles and the administrator’s business processes
* Physical vehicles are required to complete driving appointments
* Clients require physical debit or credit cards to complete payments