# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

*Diagram, schematic

Description automatically generated*

### UML Activity Diagrams

\*Reserving an Appointment

Diagram

Description automatically generated

\*Admin Downloading Data

Diagram

Description automatically generated

### UML Sequence Diagram

Diagram

Description automatically generated

### UML Class Diagram

Diagram

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## Technical Requirements

The DriverPass system will not be locally hosted and instead use a cloud service that’ll handle backup and security, so they will not require a local server for the system to function. The employees at DriverPass will need to be provided with an internet connection, and a means of accessing the system online such as a PC or laptop. DriverPass data needs to be encrypted so that in the case there is a leak or intrusion into the system, customer and employee personal details are kept safe. In addition, at DriverPass the employees should only be able to access the data that is pertinent to their role. The teachers should be able to see their student’s contact information, but not credit card details.