# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

A diagram of a driver's path

Description automatically generated

### UML Activity Diagrams

A diagram of a flowchart

Description automatically generated

### UML Activity Diagrams (cont.)

A diagram of a login authentication

Description automatically generated

### UML Sequence Diagram

A diagram of a process

Description automatically generated

### UML Class Diagram

A diagram of a website

Description automatically generated

## Technical Requirements

The DriverPass system requires several services to run properly. The system will need website hosting access to make the service accessible, which should include tools to edit the website for the IT officer. The system will also need a service to host the databases that are required for their services including the ability to log in, user account information, payment information, course materials, and others. These databases will need to be either cloud-based or physically held. Also at the client’s request, a role-based system should be developed to allow hierarchical processes to take place where needed. With these in place, the system should be able to run effectively.