# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

A picture containing diagram, drawing, sketch, text

Description automatically generated

### UML Activity Diagrams

A picture containing text, diagram, plan, line

Description automatically generated

A picture containing text, diagram, plan, technical drawing

Description automatically generated

### UML Sequence Diagram

A screenshot of a computer

Description automatically generated with medium confidence

### UML Class Diagram

A picture containing text, font, document, screenshot

Description automatically generated

## Technical Requirements

*The requirements needed to create the system are a client/server system that connects to a database. The client will log in to the app, in this case, DriverPass, and the server will communicate with the database to determine the client’s role in the app. After the role has been established, the user will either have restricted or unrestricted access to the app. The user that has restricted access would be the customer where they would be able to access their account and make changes to their profile, access plans and make changes to plans. The unrestricted would be the owner and the IT where they would be able to make changes throughout the whole system. Clients would need to be able to access their profiles online from any device. This would mean that the app would have to be cross-platform using the client’s browser.*