# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

**

### UML Activity Diagrams

**



### UML Sequence Diagram

### 

### UML Class Diagram

**

## Technical Requirements

Technical requirements of my system will consist of proper login security to ensure that usernames can only be used once and that each account is linked to a specific JWT to verify the account for login. This JWQT token will allow for users to use this token to schedule specific test and drives base doff their account, sharing the account information for that token with the instructor that they schedule with. Specific software will be a front-end, back-end, and a database, making this a true full stack application. Tools that will be used to utilize the login function would be asynchronous callbacks that are triggered when a user tries to login in. Infrastructure includes full stack applications such as a React.js front end, ASP.Net web app back end, and a database in MSSQL.