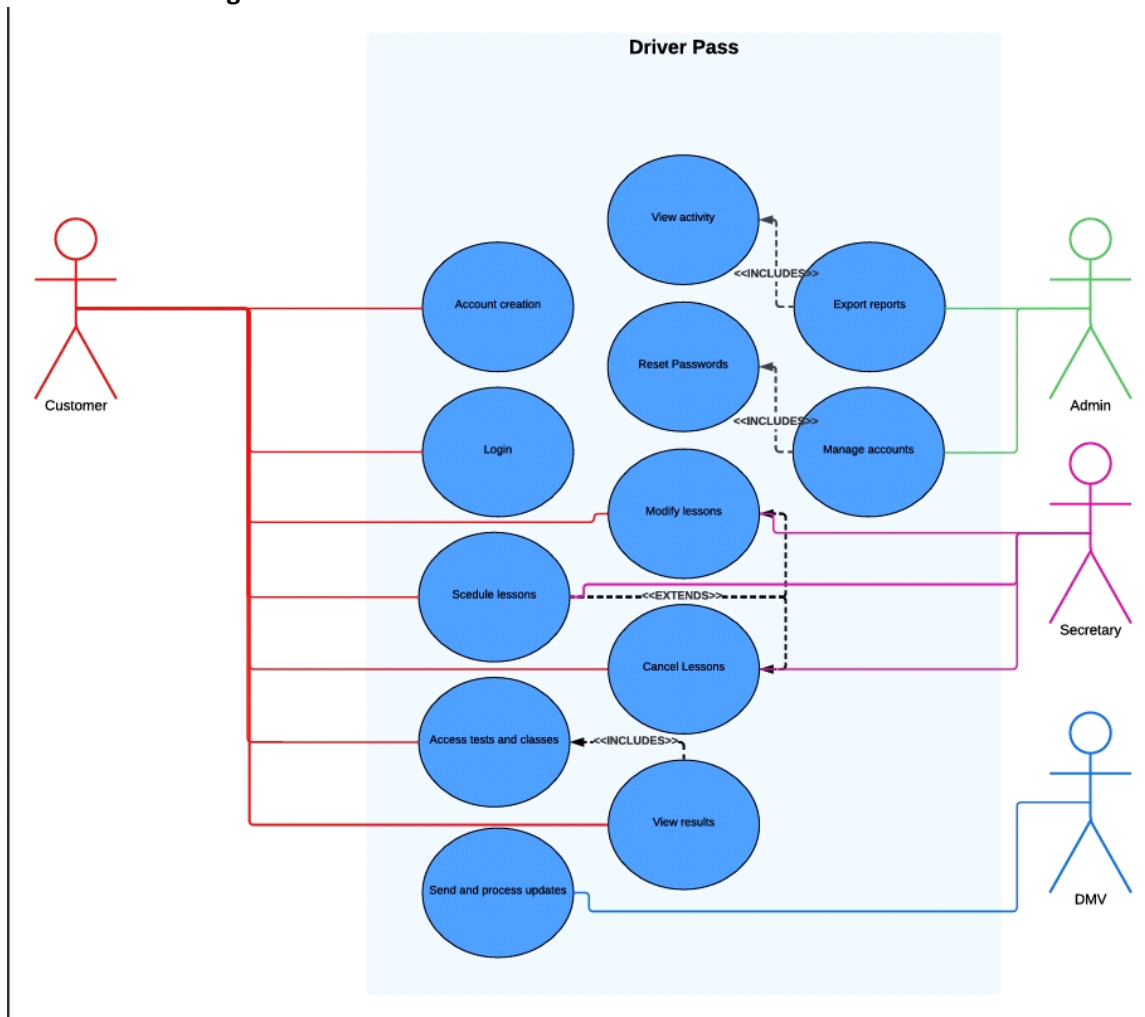


## CS 255 System Design Document Template

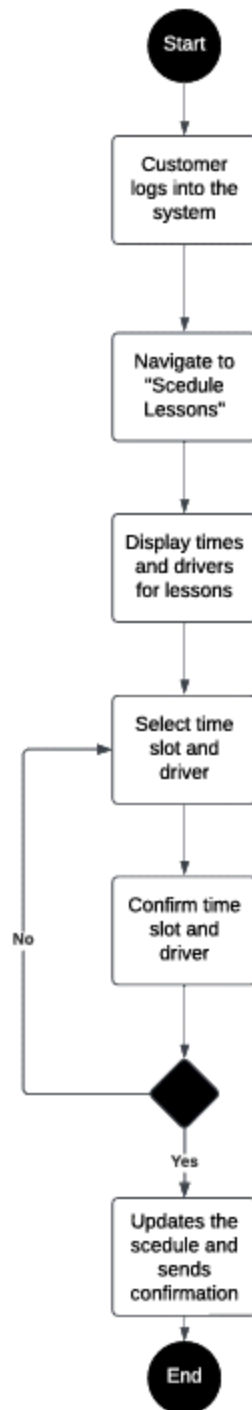
This template lays out all the different sections that you need to complete for Project Two. Each section has guidance to prompt your thinking. You will need to continually reference the interview transcript as you work to make sure that you are addressing your client's needs. There is no required length for the final document. Instead the goal is to complete each section based on what your client's needs are. Remove this note when you are finished, and replace all bracketed text with the relevant information.

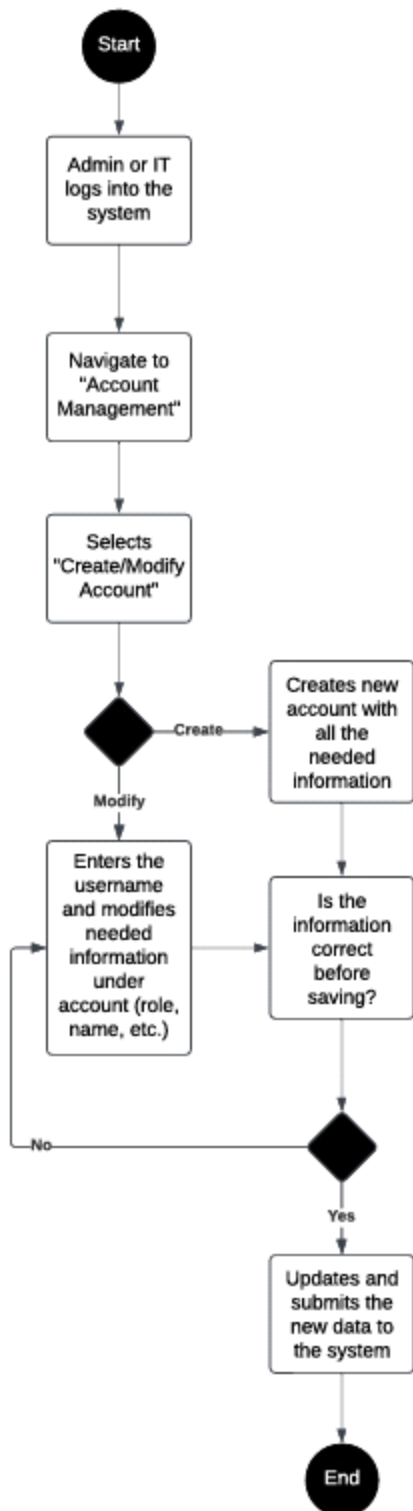
### UML Diagrams

#### UML Use Case Diagram

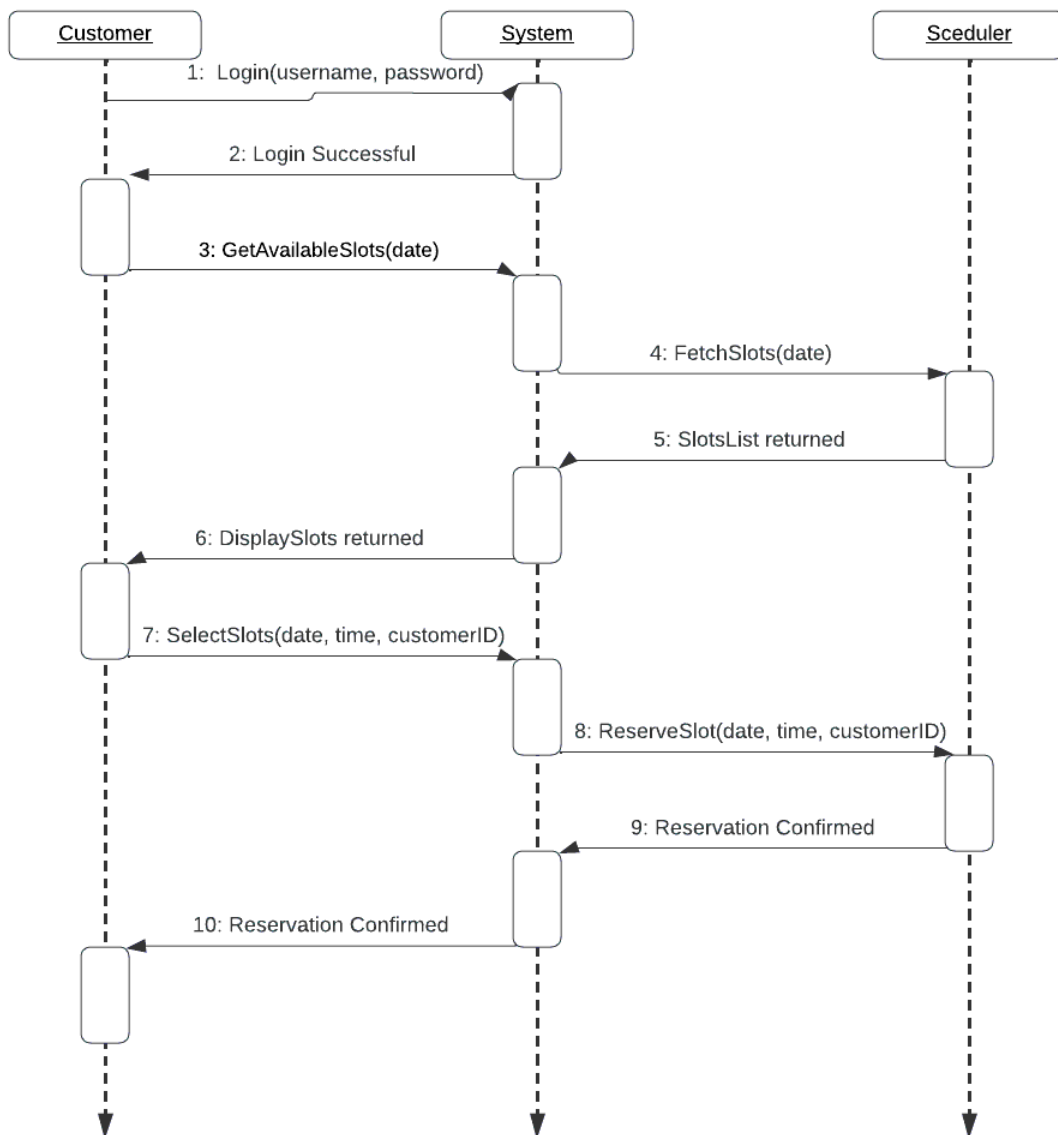


#### UML Activity Diagrams

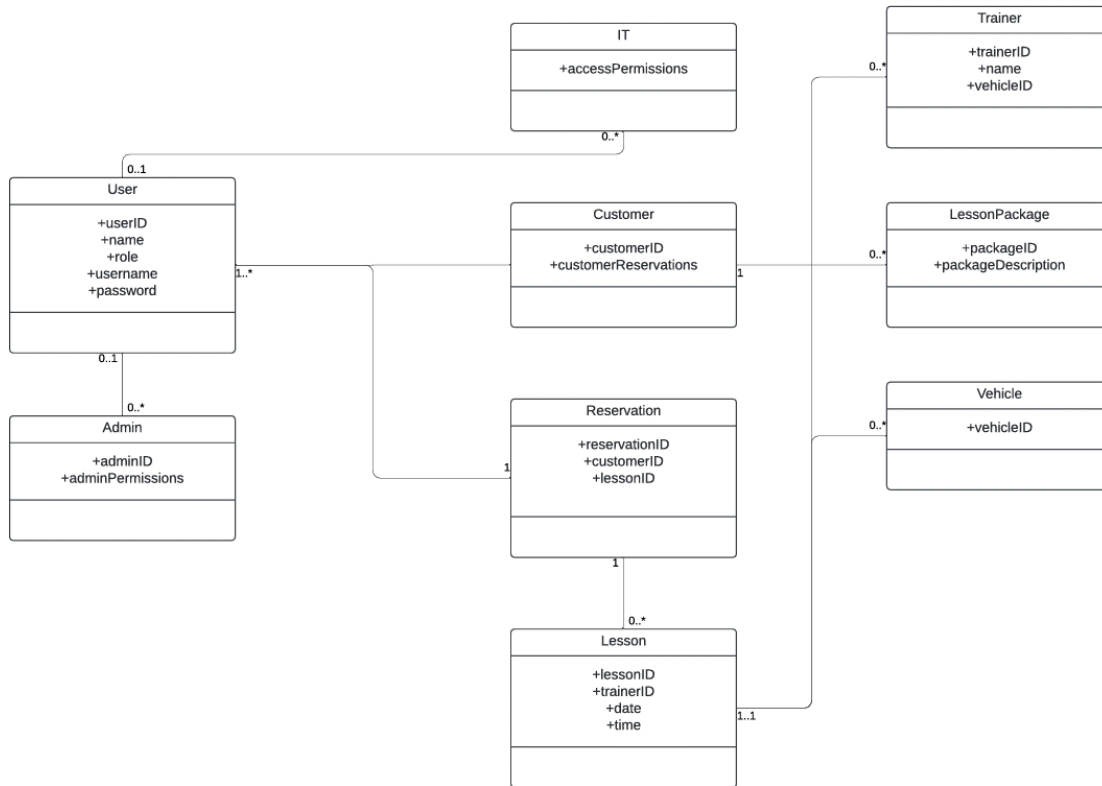




UML Sequence Diagram



**UML Class Diagram**



## Technical Requirements

For hardware we are using cloud hosting for our servers, so this is not a worry on our part. For software we can use C++, Python, or Java for the backend and something like React or bare development languages such as JS, HTML, and CSS for the front end. As far as database management, using SQL would probably be the most versatile option.