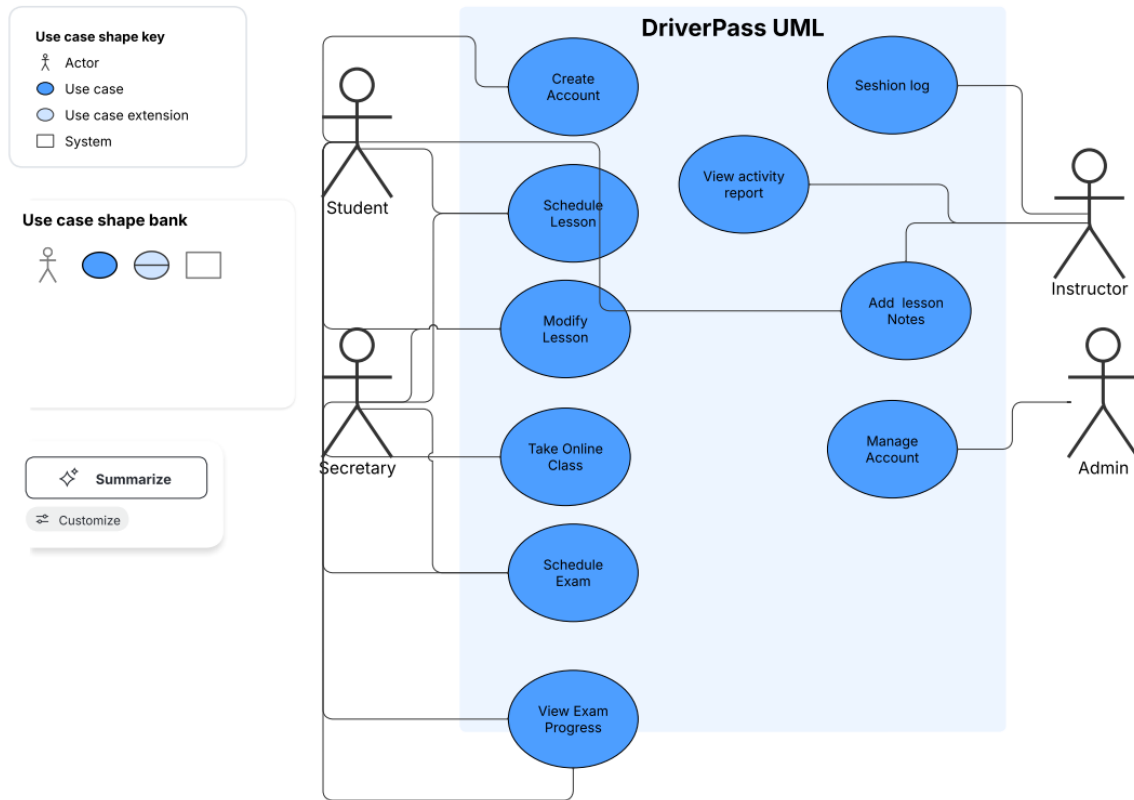


CS 255 System Design Document Template

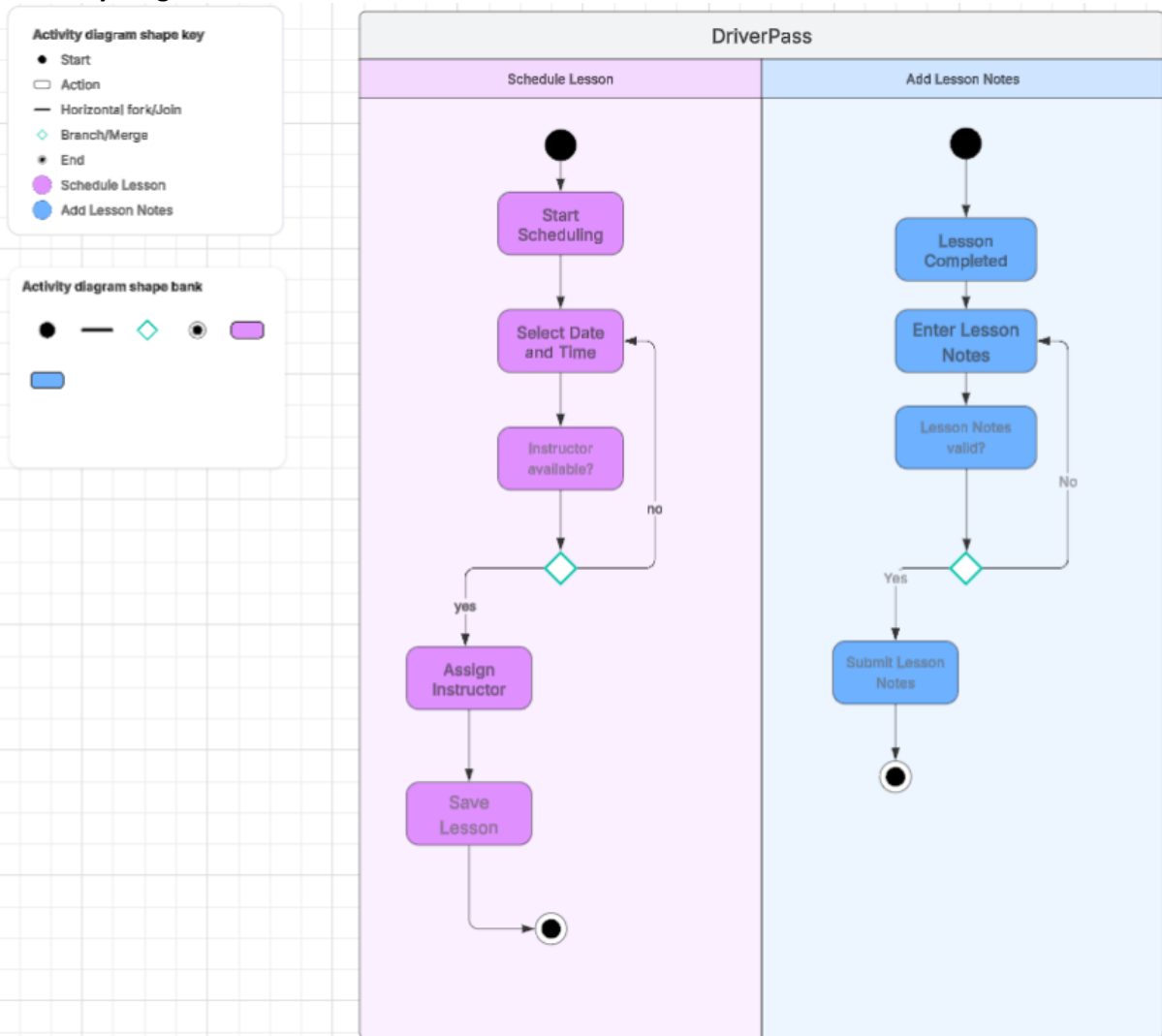
This template lays out all the different sections that you need to complete for Project Two. Each section has guidance to prompt your thinking. You will need to continually reference the interview transcript as you work to make sure that you are addressing your client's needs. There is no required length 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

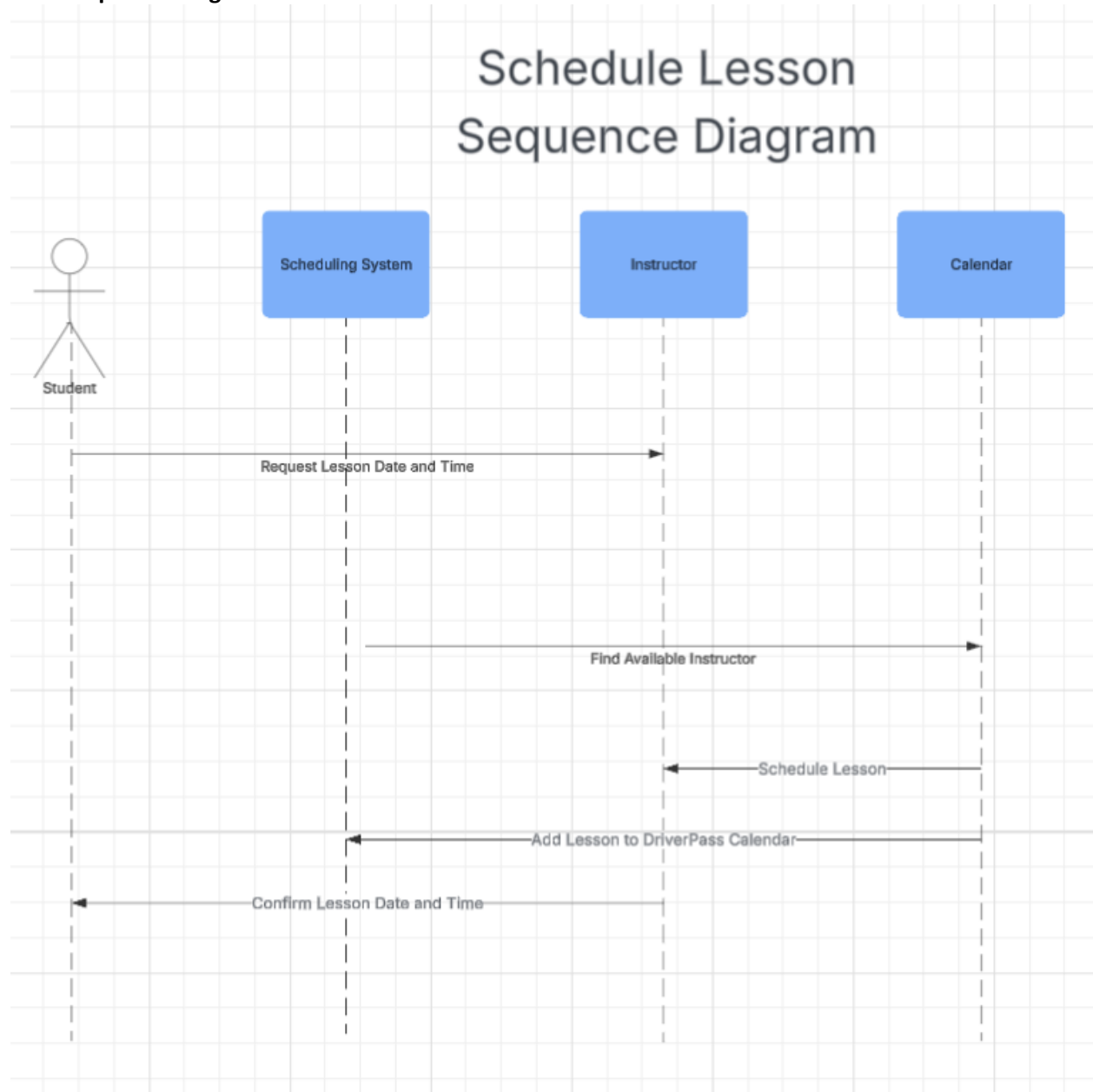
UML Use Case Diagram



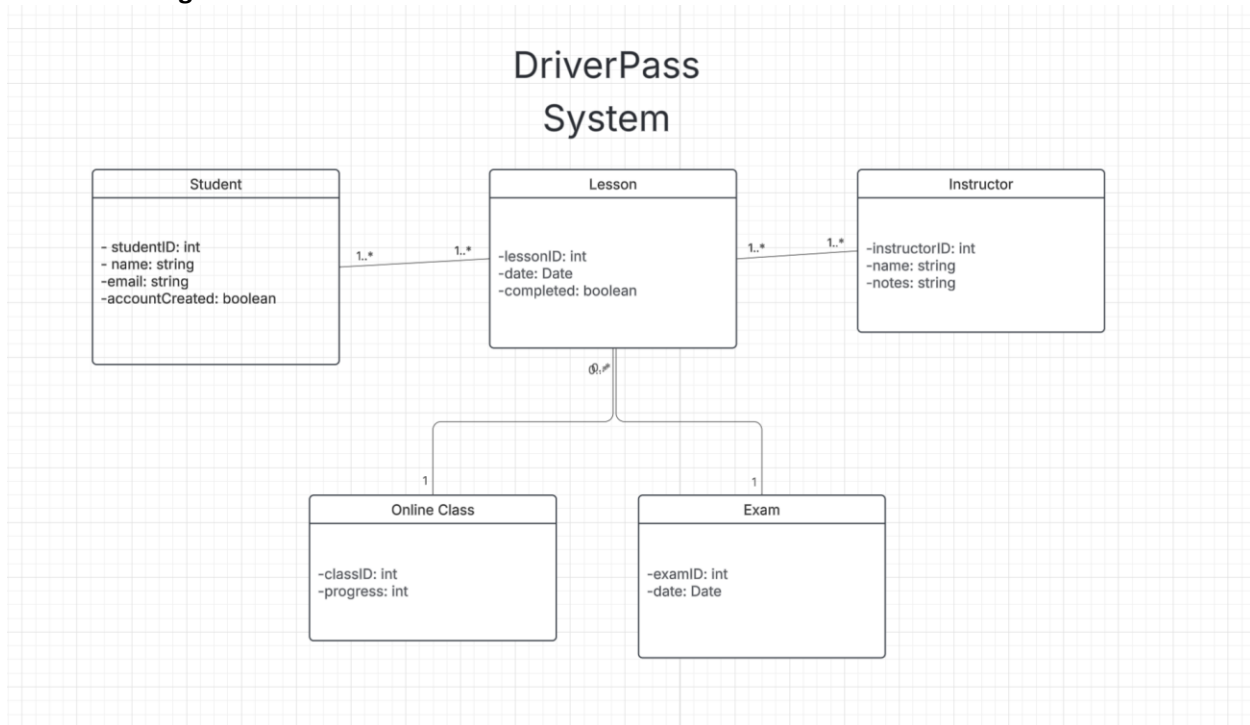
UML Activity Diagrams



UML Sequence Diagram



UML Class Diagram



Technical Requirements

Hardware Requirements:

- User devices such as computers, phones, smart devices, etc..
- A cloud based server such as AWS to host the application, and the database. Also, Cloud storage must be able to complete regular backups.

Software Requirements:

- A database such as MySQL to manage students, instructors, lessons, exams, scores, scheduling, etc..
- Security to allow for secure login for all users, account lockout after three attempts.

Tools:

- A system to track system performance, AWS offers one.

Infrastructure Requirements:

- Must connect to DMV database to update with new rules and regulations automatically.
- Must ensure data is kept private and secure.
- Cloud service provider.
- Internet access is required for students, instructors, secretaries, etc.