

CS 255 System Design Document Template

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CS 255: System Analysis and Design

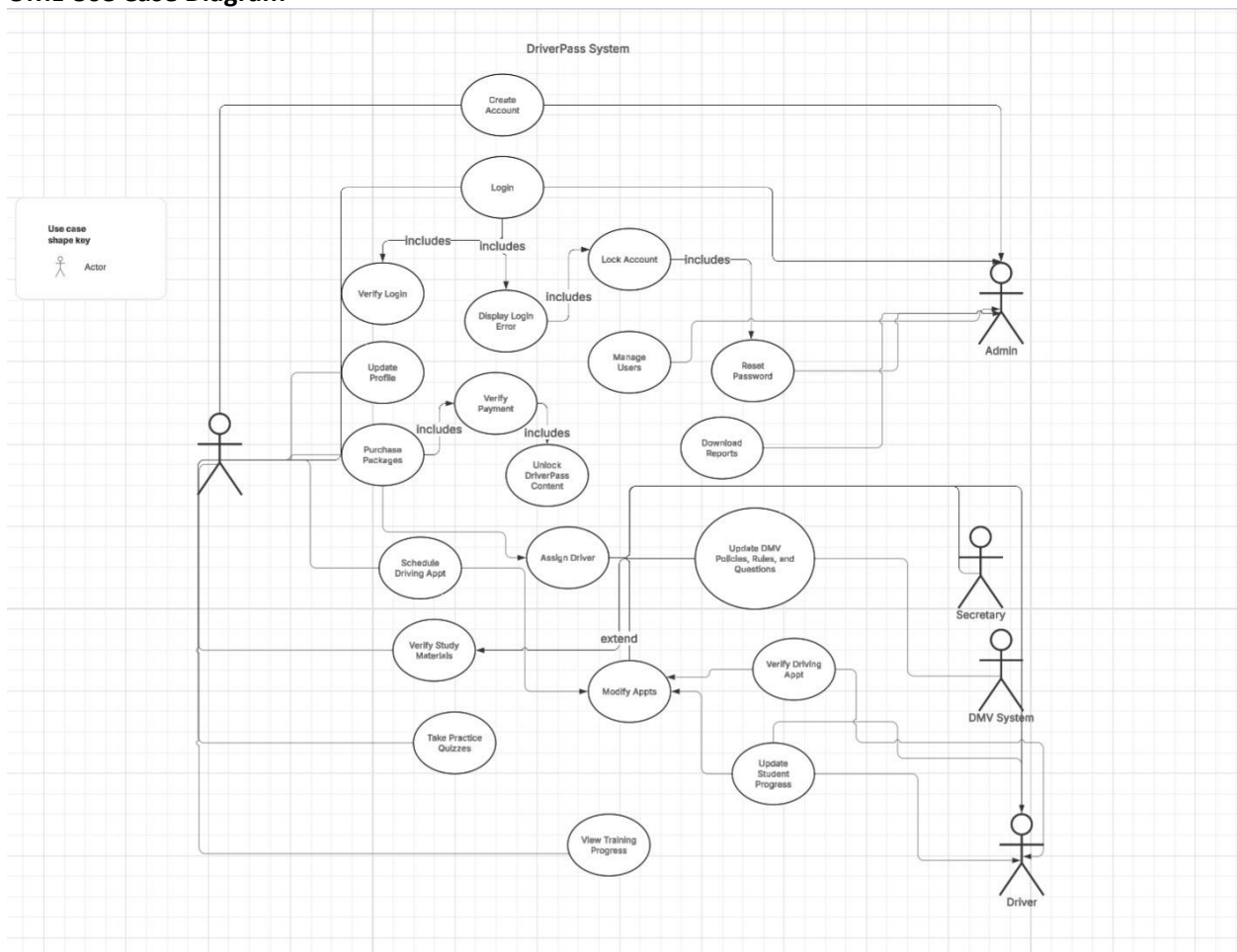
Professor Trajkovski

10/15/2025

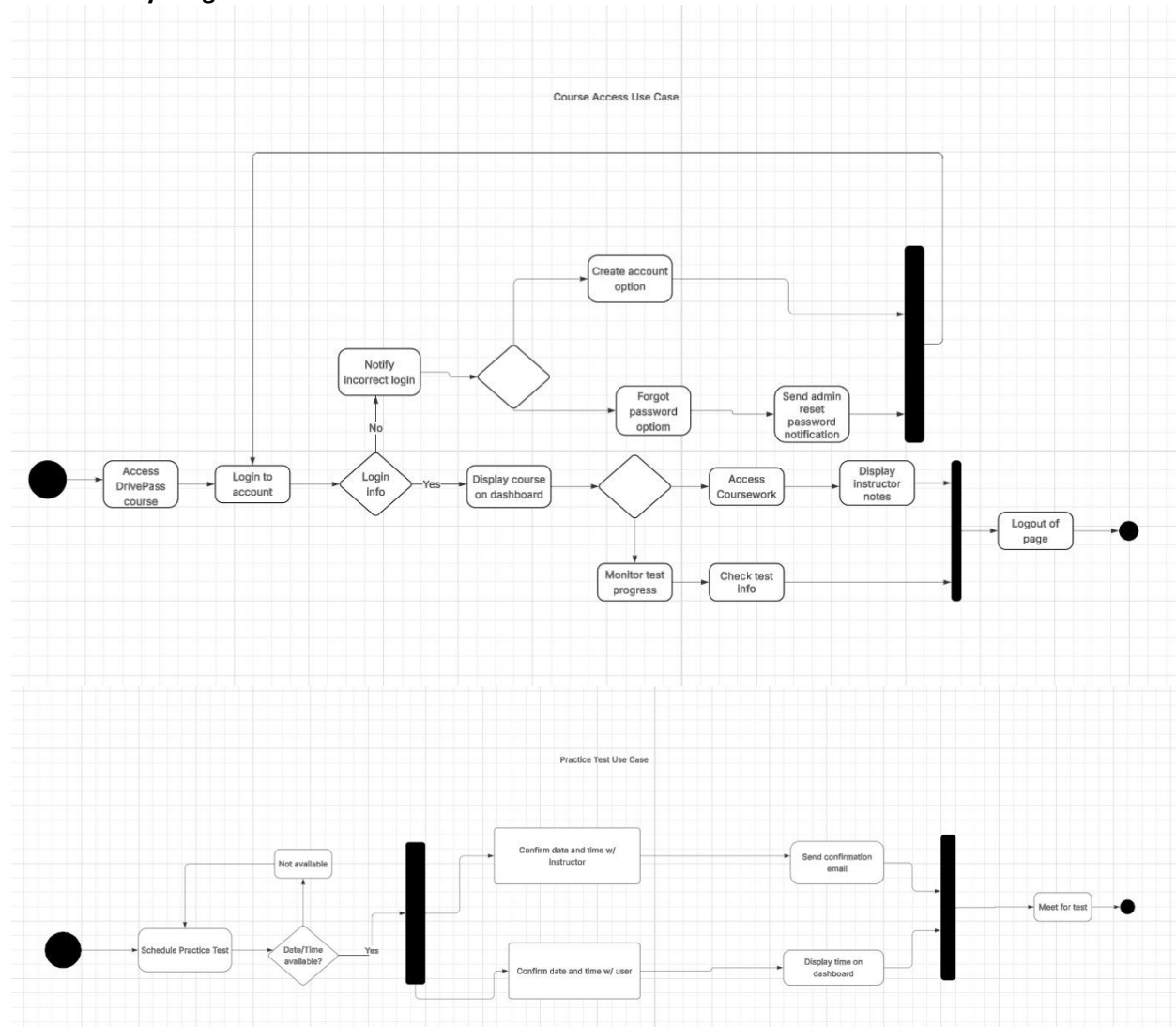
This template lays out all the different sections that you need to complete for Project Two. Each section has guidance to prompt your thinking. You will need to continually reference the interview transcript as you work to make sure that you are addressing your client's needs. There is no required length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

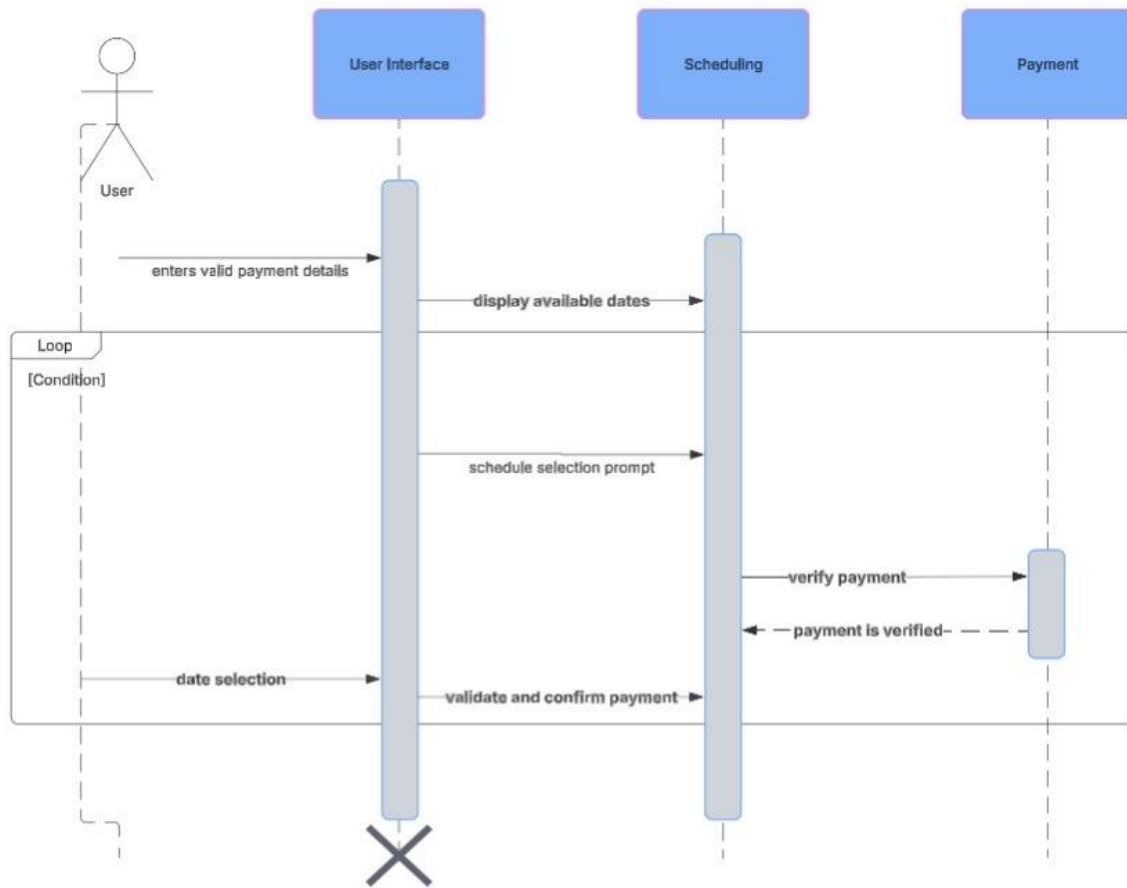
UML Use Case Diagram



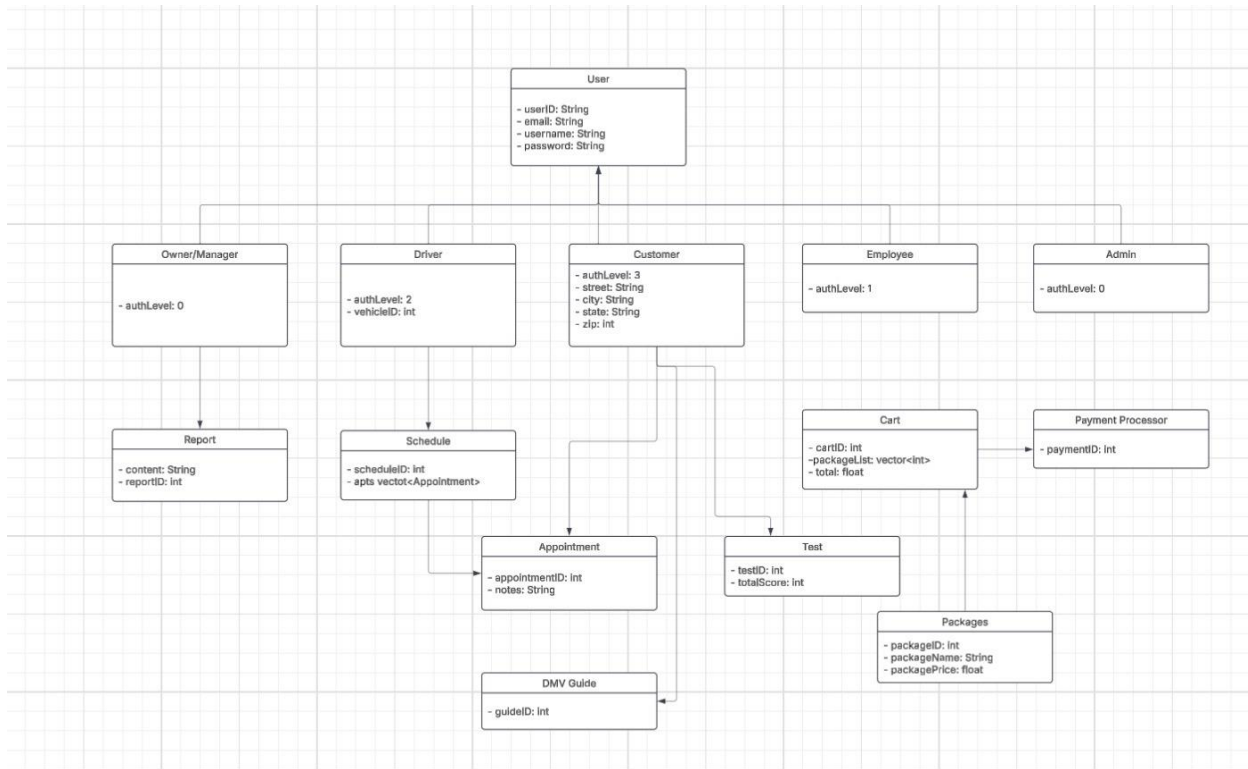
UML Activity Diagrams



UML Sequence Diagram



UML Class Diagram



Technical Requirements

- Cloud Database
- Third Party secure login system
- Operating System (OS) availability
 - MacOS
 - Windows
 - Linux
 - Mobile
- Secure payment method
- 3 packages
- Customizable Interface
 - Test Progress
 - instructor info
 - coursework
 - packages
 - scheduling
 - Student photo
 - Instructor photo
- Package modifications
- Hire instructors
- DMV requirements access
- Internet Access

- Quality Assurance
 - Update website
 - Troubleshoot