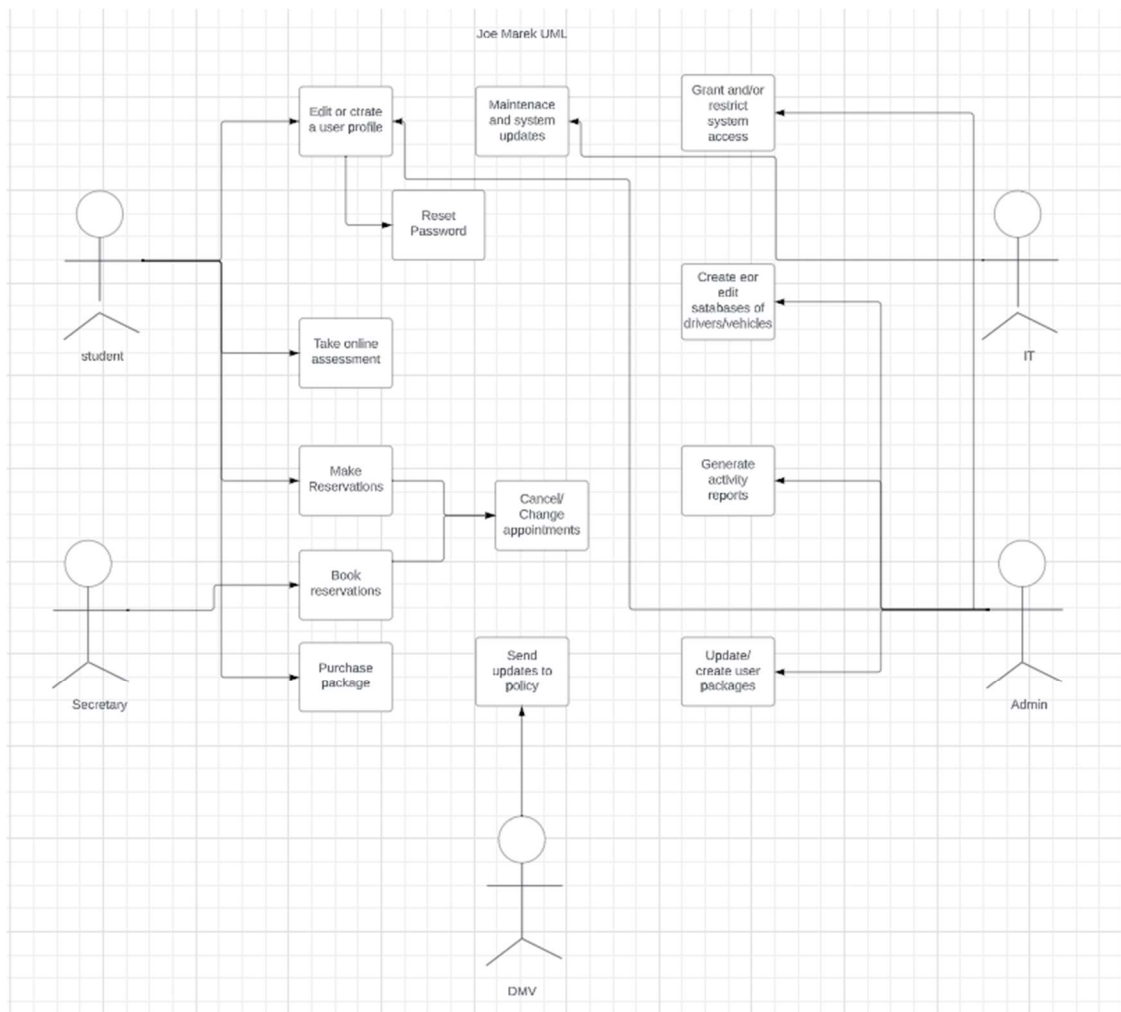Southern New Hampshire University

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.
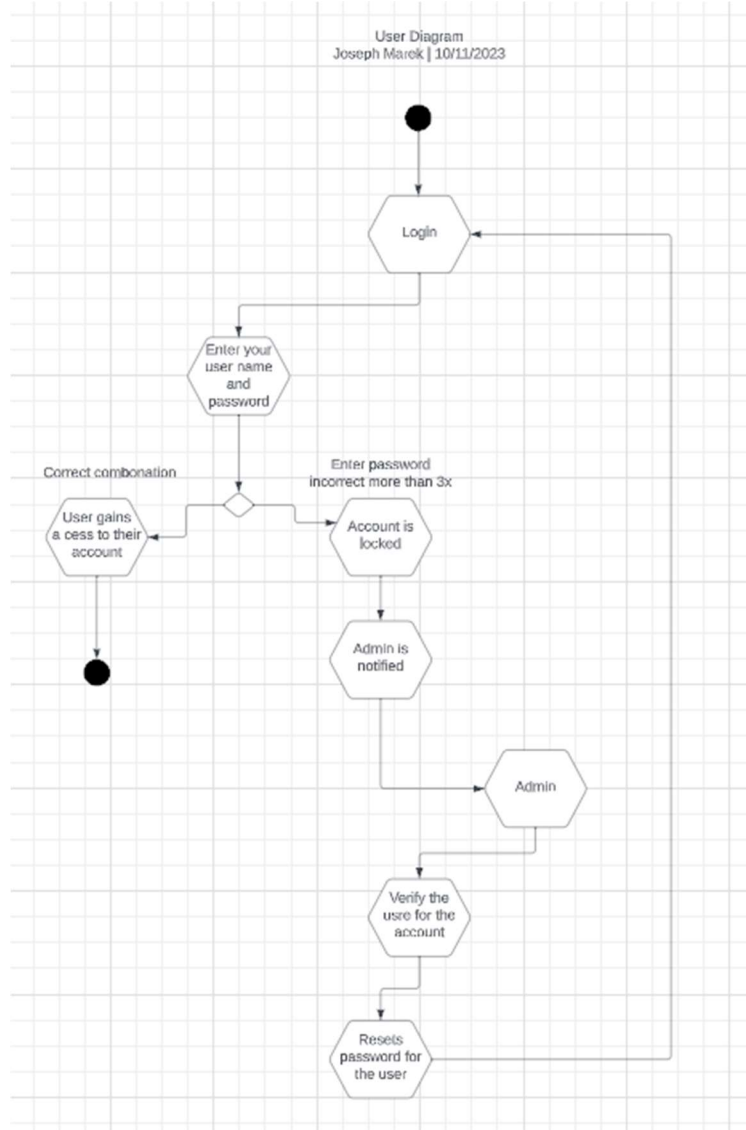
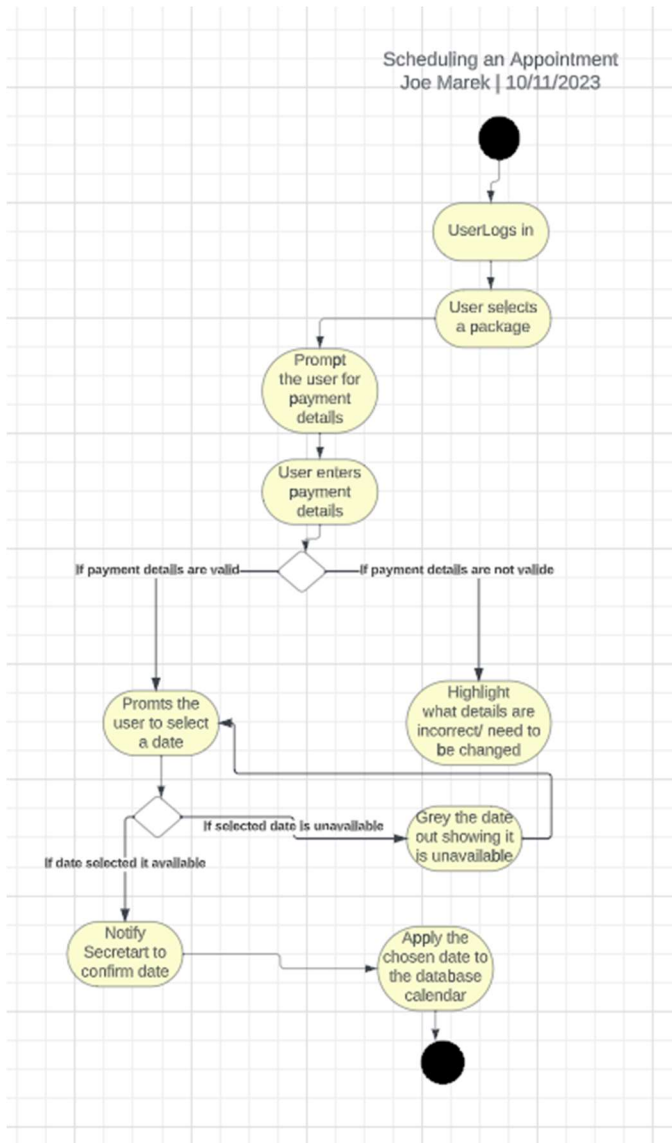**UML Diagrams**

UML Use Case Diagram
[In Module Six, you were asked to complete a use case diagram based on your system design. If you would like to make any adjustments to your diagram, please do so. Please insert your use case diagram here. Check to make sure that you included appropriate components and symbols and that your design meets the client's needs.]
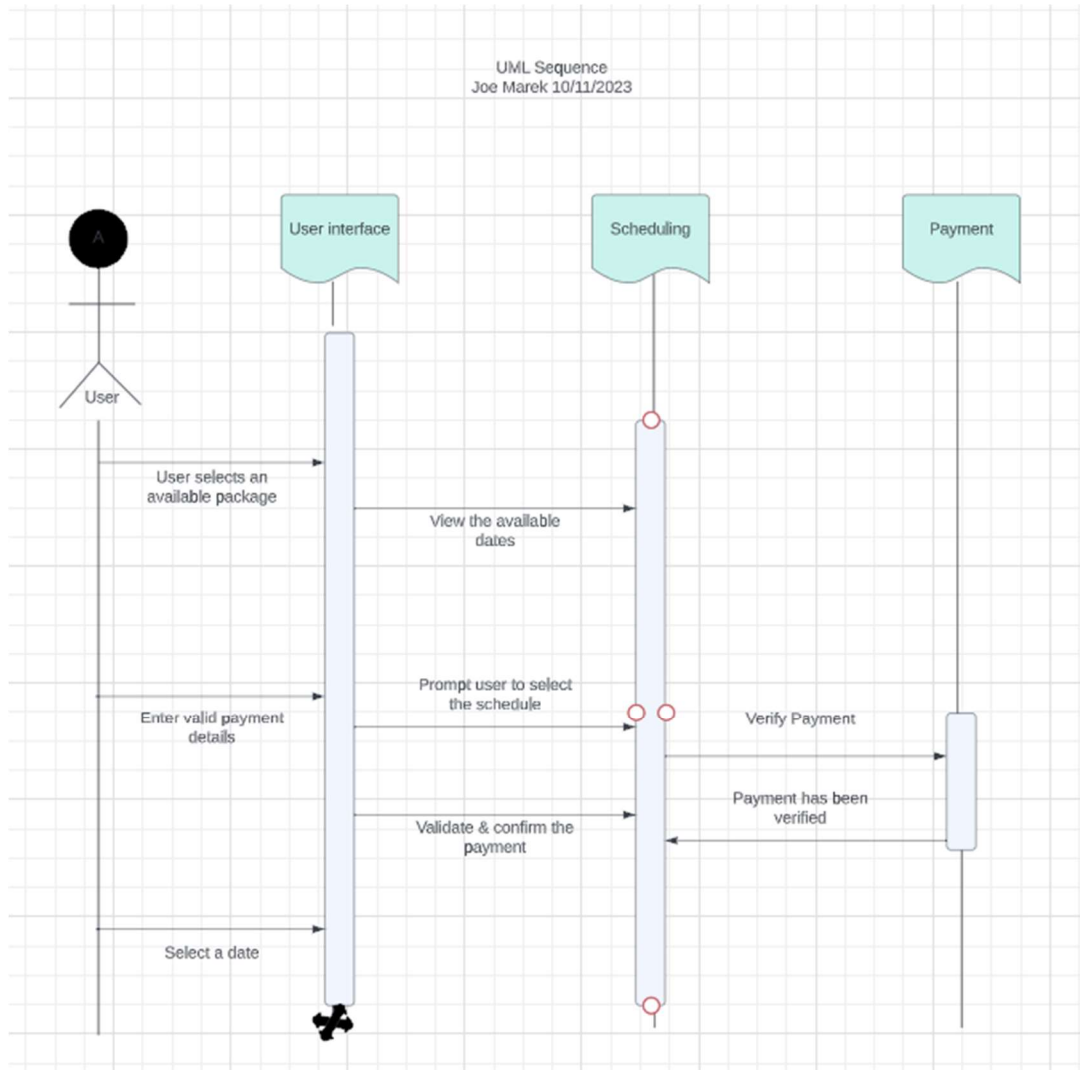

UML Activity Diagrams

*[You were asked to choose **two** use cases and create **two** activity diagrams, one for each use case. Please insert **both** of your activity diagrams here. Check to make sure that you included appropriate components and symbols and that your design meets the client's needs.]*

User Diagram
Joseph Marek | 10/11/2023

Login

Enter your user name and password

Correct combonation

Enter password incorrect more than 3x

User gains a cess to their account

Account is locked

Admin is notified

Admin

Verify the usre for the account

Resets password for the user

Scheduling an Appointment
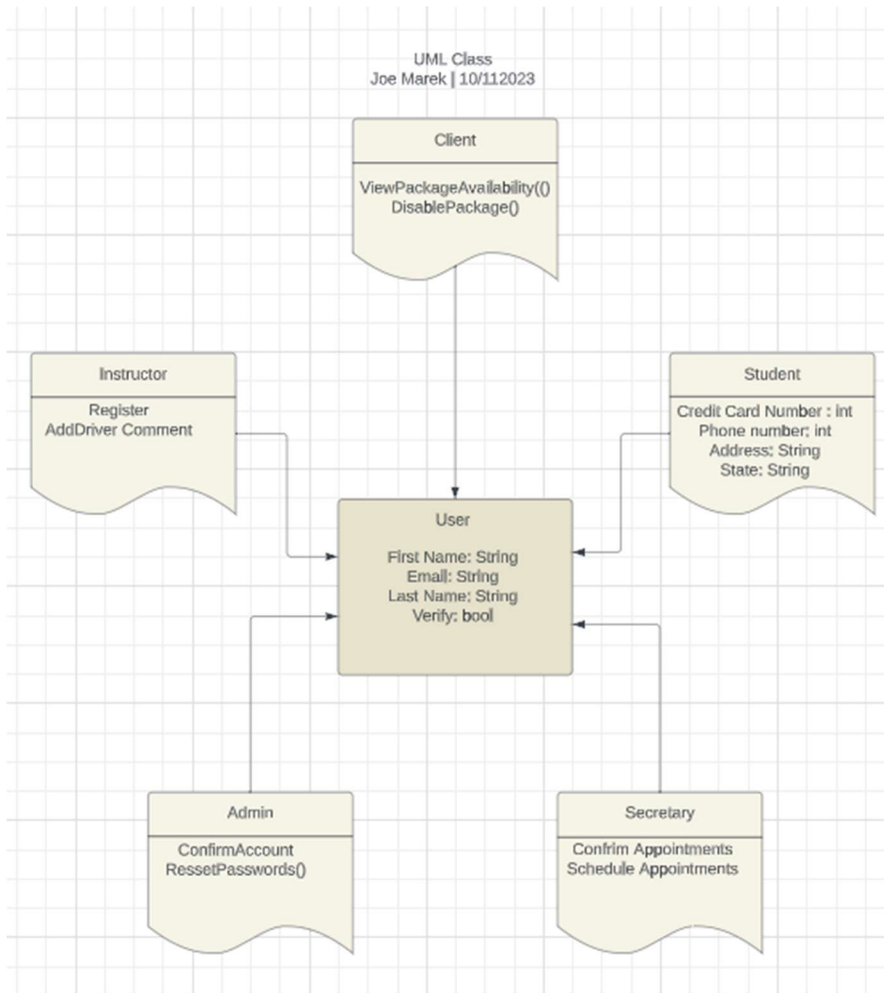Joe Marek | 10/11/2023

UML Sequence Diagram

*[You were asked to create a sequence diagram based on **one** of the use cases you chose. Please insert your sequence diagram here. Check to make sure that you included appropriate components and symbols and that your design meets the client's needs.]*

UML Sequence
Joe Marek 10/11/2023

UML Class Diagram

*[You were asked to create a class diagram based on the different classes and attributes needed for your system design. You are **not** required to include methods, but you may if you wish. Please insert your class diagram here. Check to make sure that you included appropriate components and symbols and that your design meets the client's requirements.]*

Southern New Hampshire University

UML Class
Joe Marek | 10/112023

Technical Requirements

[Based on the diagrams you have created, describe the technical requirements of your system. These requirements should address the required hardware, software, tools, and infrastructure necessary for your system design.]

The technical requirements of my system design of the diagrams created – shown above include

User Request Validation
User Login Handling
Package Disabling Capabilities
Password Reset Functionality
User Permission Management
Payment Validation