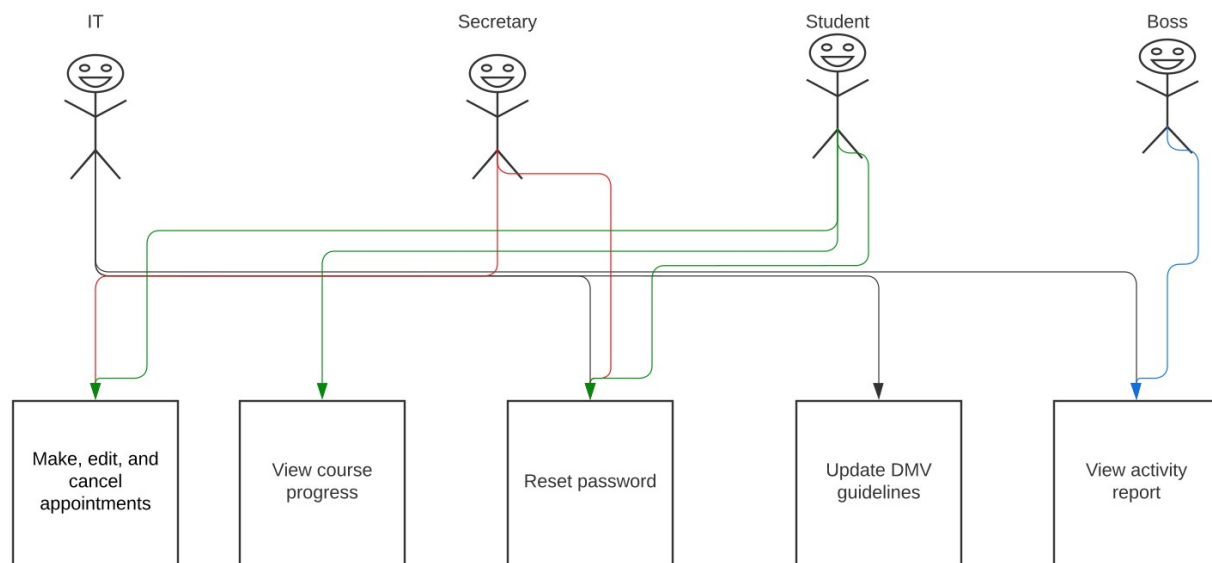


CS 255 System Design Document Template

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

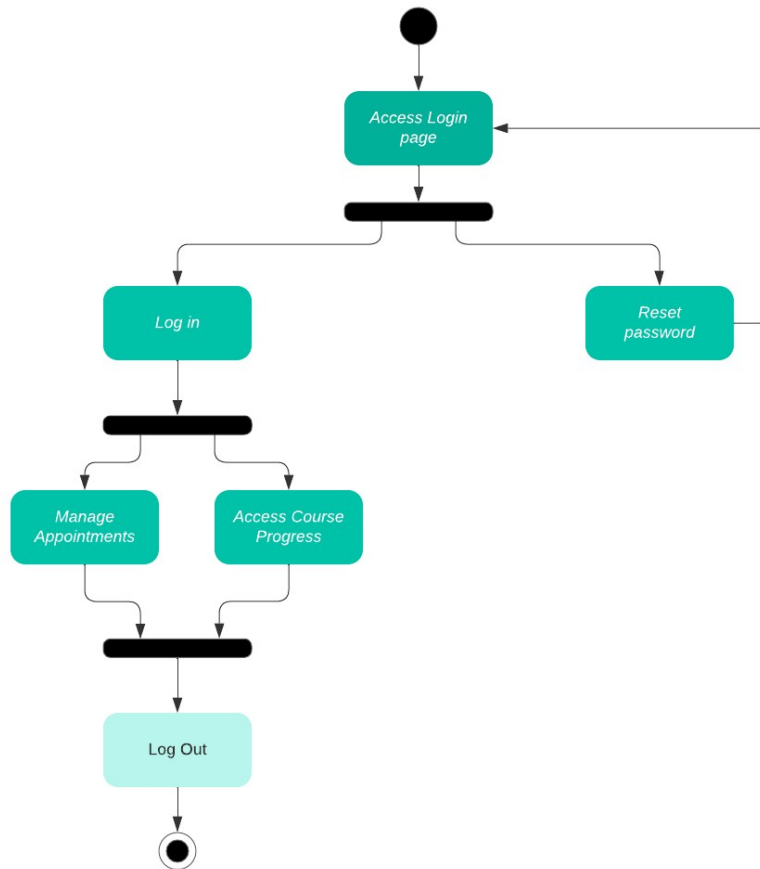
UML Use Case Diagram



UML Activity Diagrams

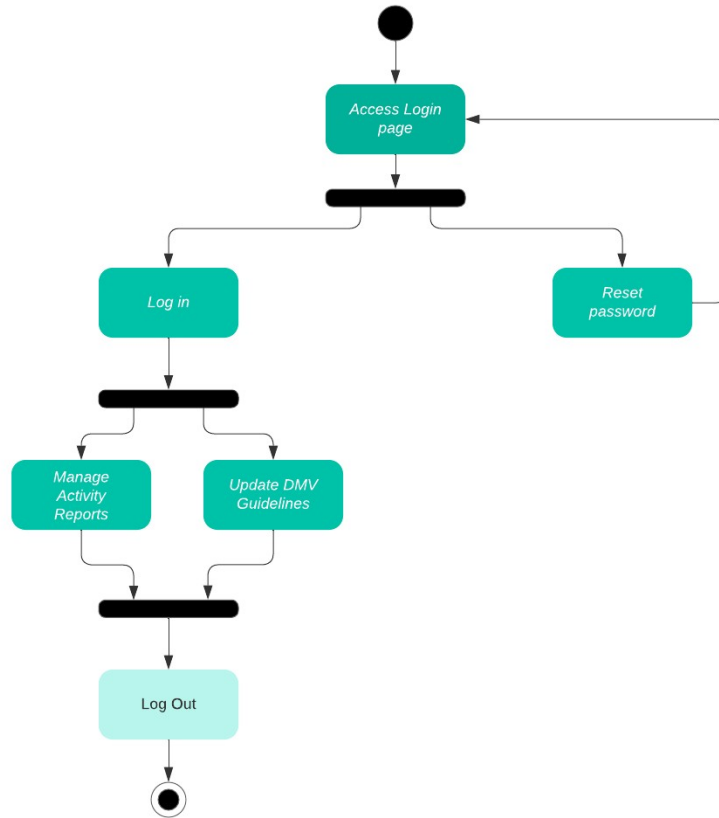
Student Activity diagram

Tyler LaFrance | April 15, 2023



IT Activity diagram

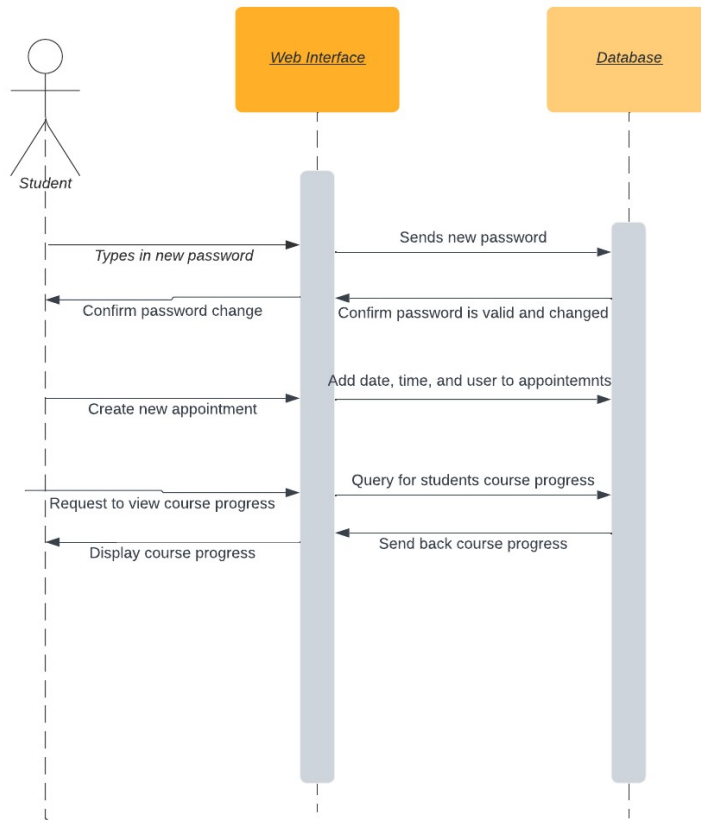
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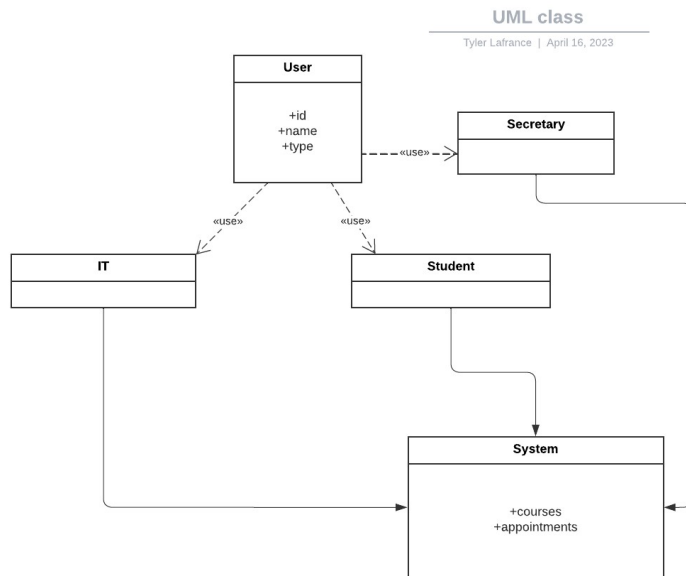
UML Sequence Diagram

Student Sequence Diagram

Tyler Lafrance | April 12, 2023



UML Class Diagram



Technical Requirements

The system is going to need a database to store all the user data. It's also going to need everything hosted remotely, as the client does not have the resources to host the system themselves. If the client does not already have existing hardware to access the system from they can get thin-clients. The host will likely provide a Linux based system, so any software needed for maintenance or access should be compatible with Linux or Unix like systems in general.