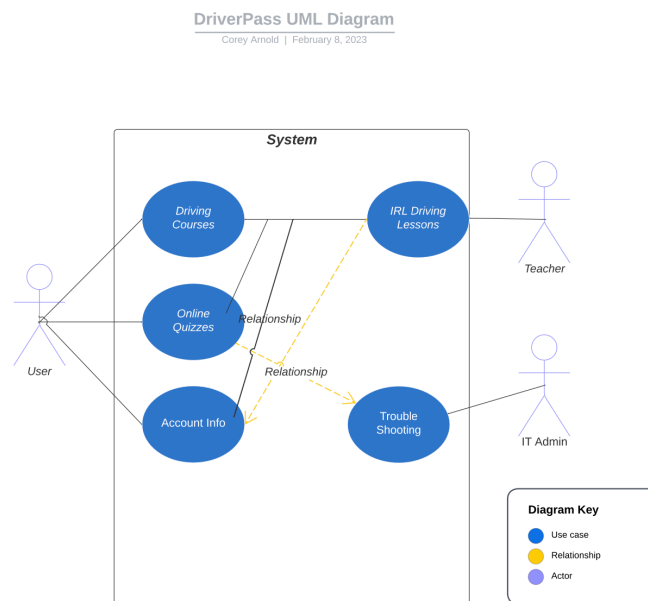Southern New Hampshire University
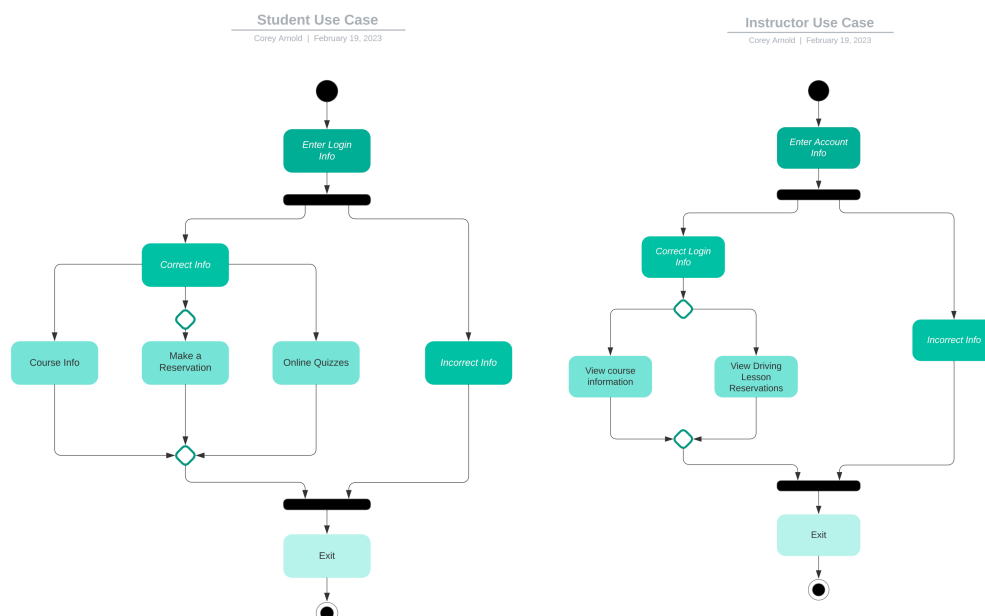
CS 255 System Design Document Template

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.
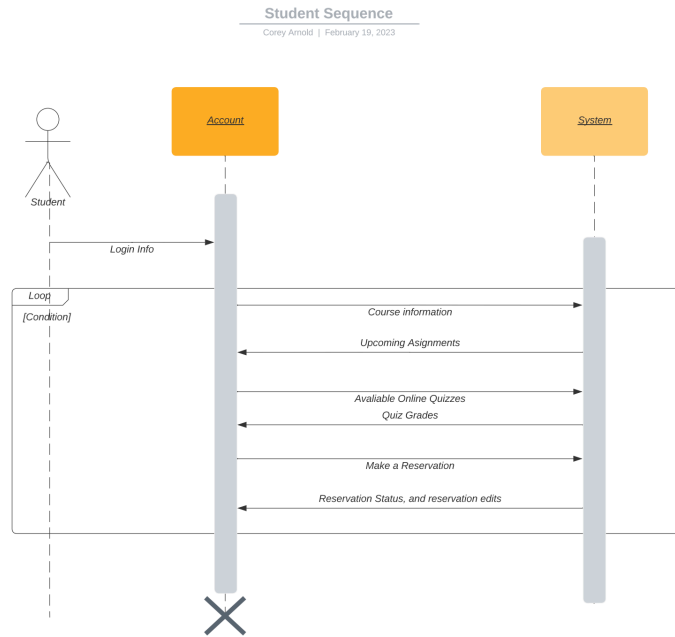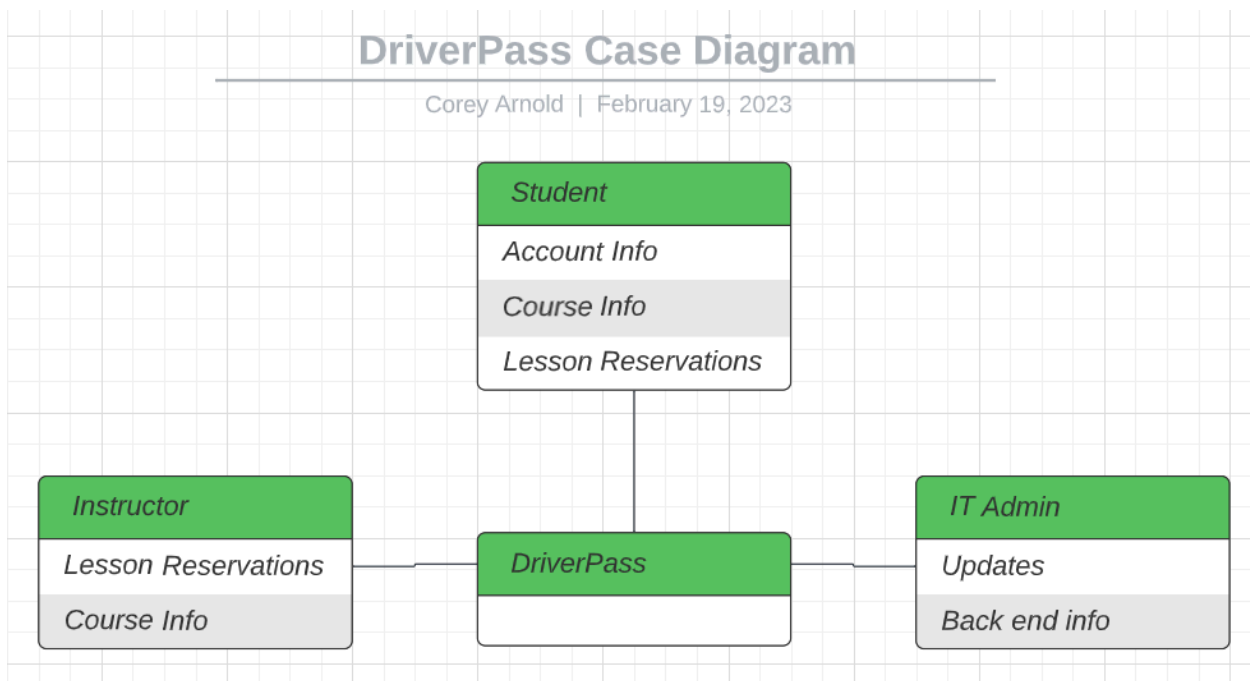
UML Diagrams

UML Use Case Diagram

DriverPass UML Diagram
Corey Arnold | February 8, 2023

UML Activity Diagrams

Student Use Case
Corey Arnold | February 19, 2023

Instructor Use Case
Corey Arnold | February 19, 2023

1

UML Sequence Diagram

UML Class Diagram

Technical Requirements

Hardware
Computer capable of running code, storage space to store project in its entirety, quick enough to allow for regular checks, adjustments, and edits to code at a moments notice.

Software
Windows has the most options for programming software, and many are easier to adapt to other OS systems. So windows and really any of the popular programming systems.

Tools
Reservation software, DriverPass course list, instructor list, instructor schedule, and DriverPass course breakdowns

Infrastructure
Similar to Tools. Pre-established course information and breakdowns, instructor list, schedules, instructor available hours, areas where in person driving lessons are available.