

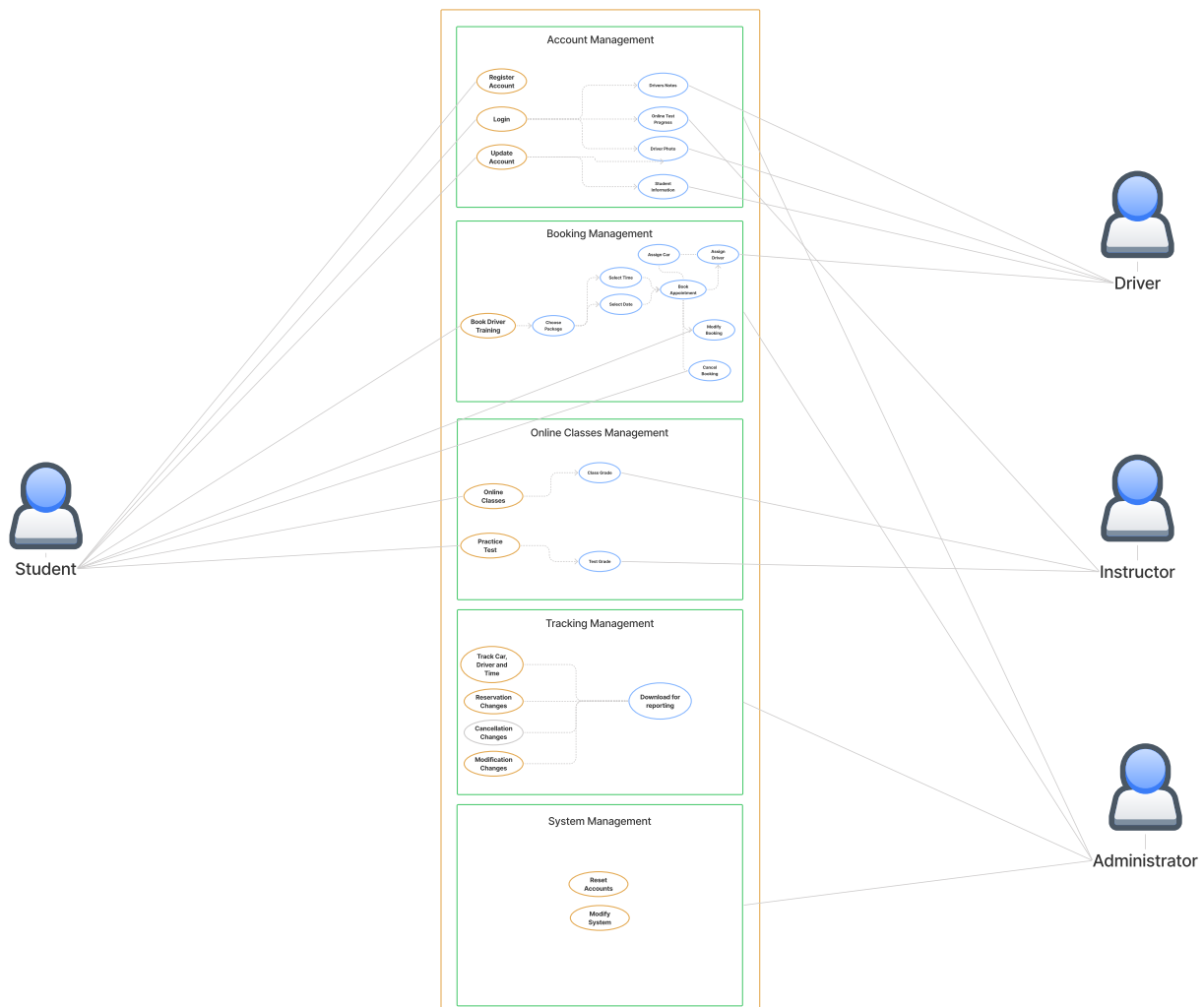
Southern New Hampshire University

CS 255 System Design Document Template

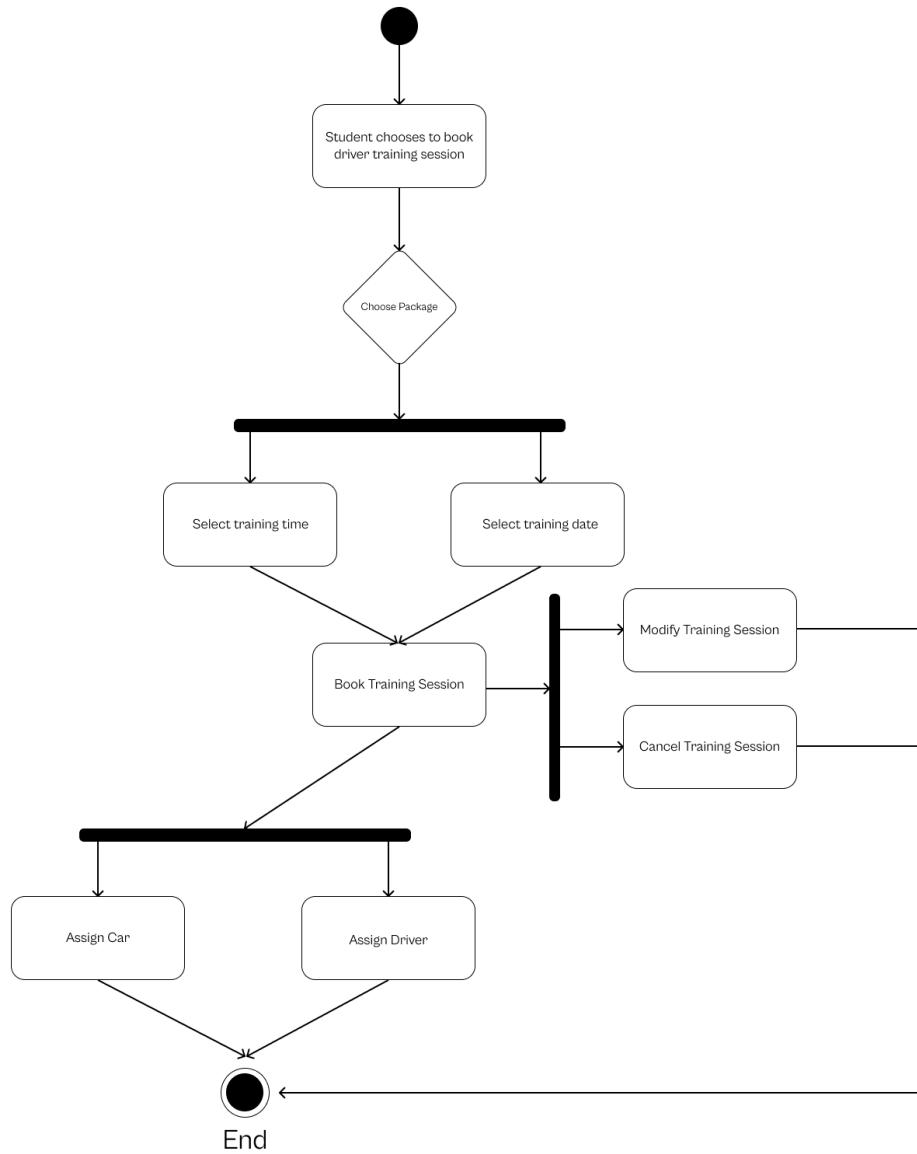
This template lays out all the different sections that you need to complete for Project Two. Each section has guidance to prompt your thinking. You will need to continually reference the interview transcript as you work to make sure that you are addressing your client's needs. There is no required length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

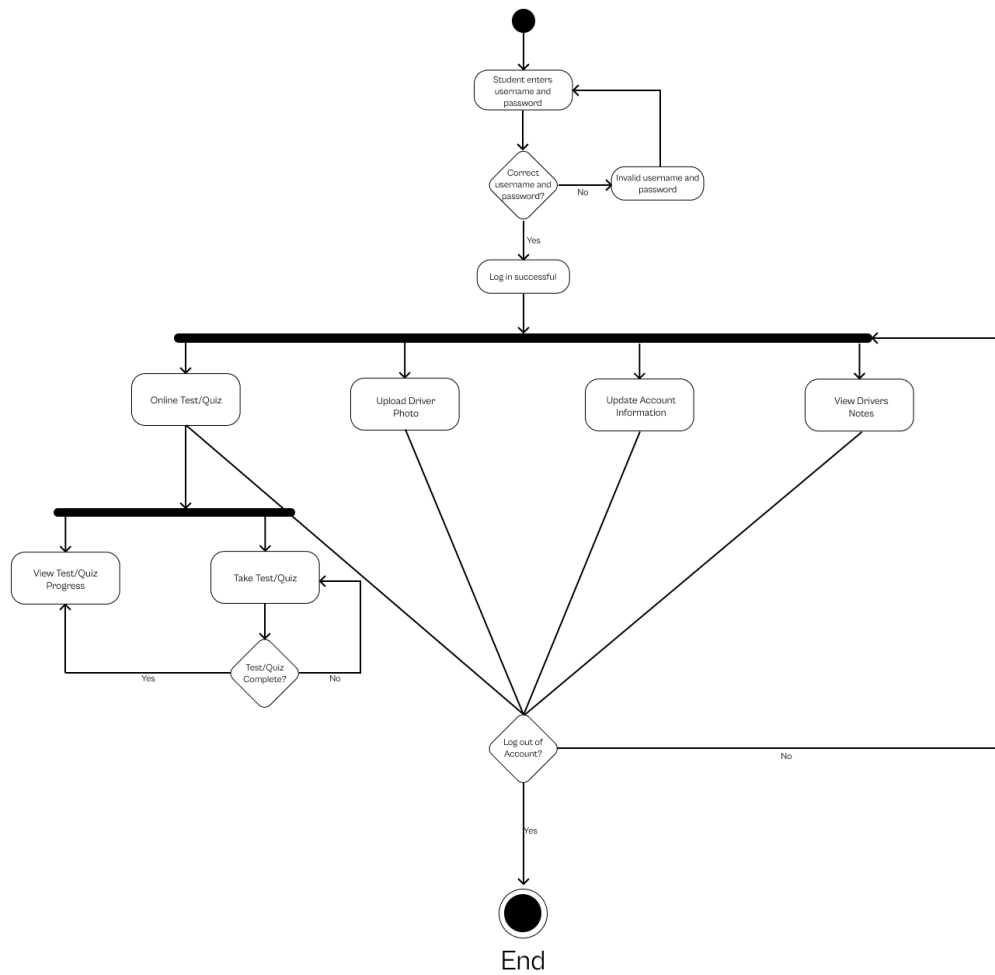
UML Diagrams

UML Use Case Diagram

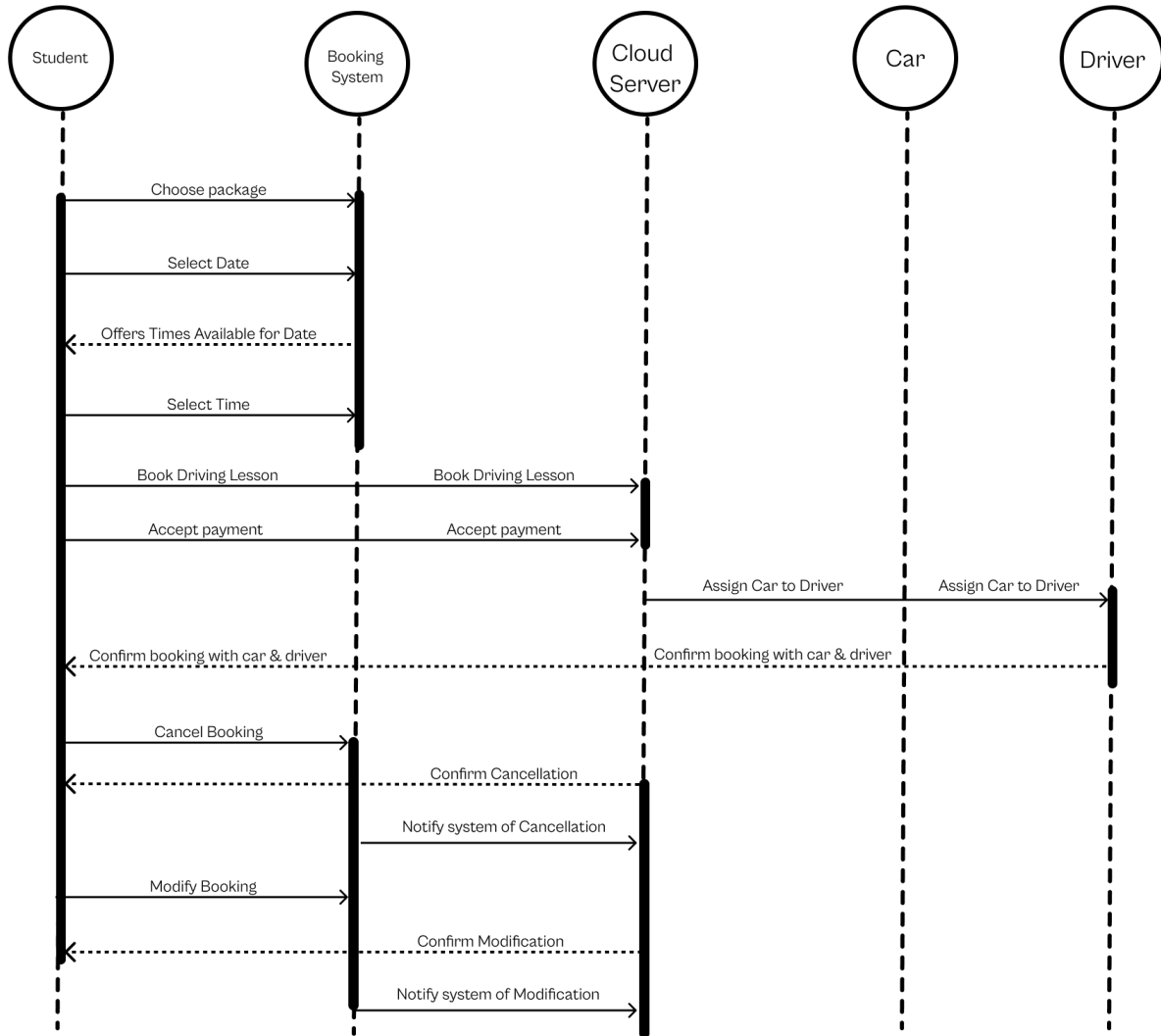


UML Activity Diagrams

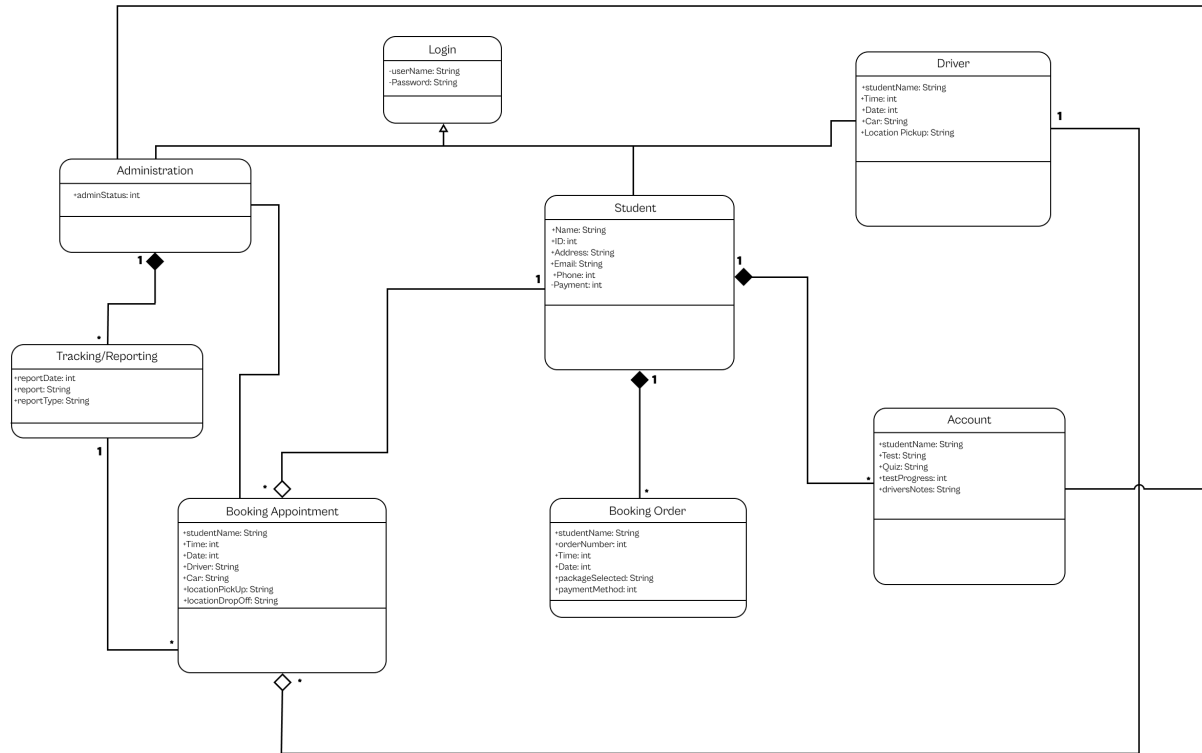




UML Sequence Diagram



UML Class Diagram



Technical Requirements

Hardware requirements for the user:

- mobile, laptop or desktop device
- Wifi or ethernet connection with internet connection
- Power sources

Software requirements for the user:

- Web browser (Safari, Chrome, Firefox etc)
- Operating system (Mac, Windows, Linux)

Hardware required for admin:

- cloud server
- Physical server for backup
- Wifi or ethernet connection with internet connection
- Power sources
- Locational services

Software requirements for admin:

- Operating system: Windows
- DriverPass Application
- Security software to protect application

Tools required for development, admin:

- Desktop and/or laptop with programming softwares (Eclipse, VS code, Xcode)
- Wifi or ethernet connection with internet connection

Infrastructure requirements:

- cloud server
- Physical server for backup
- Power supply to building
- Insurance for building
- Parking for students and employees
- Payment processing