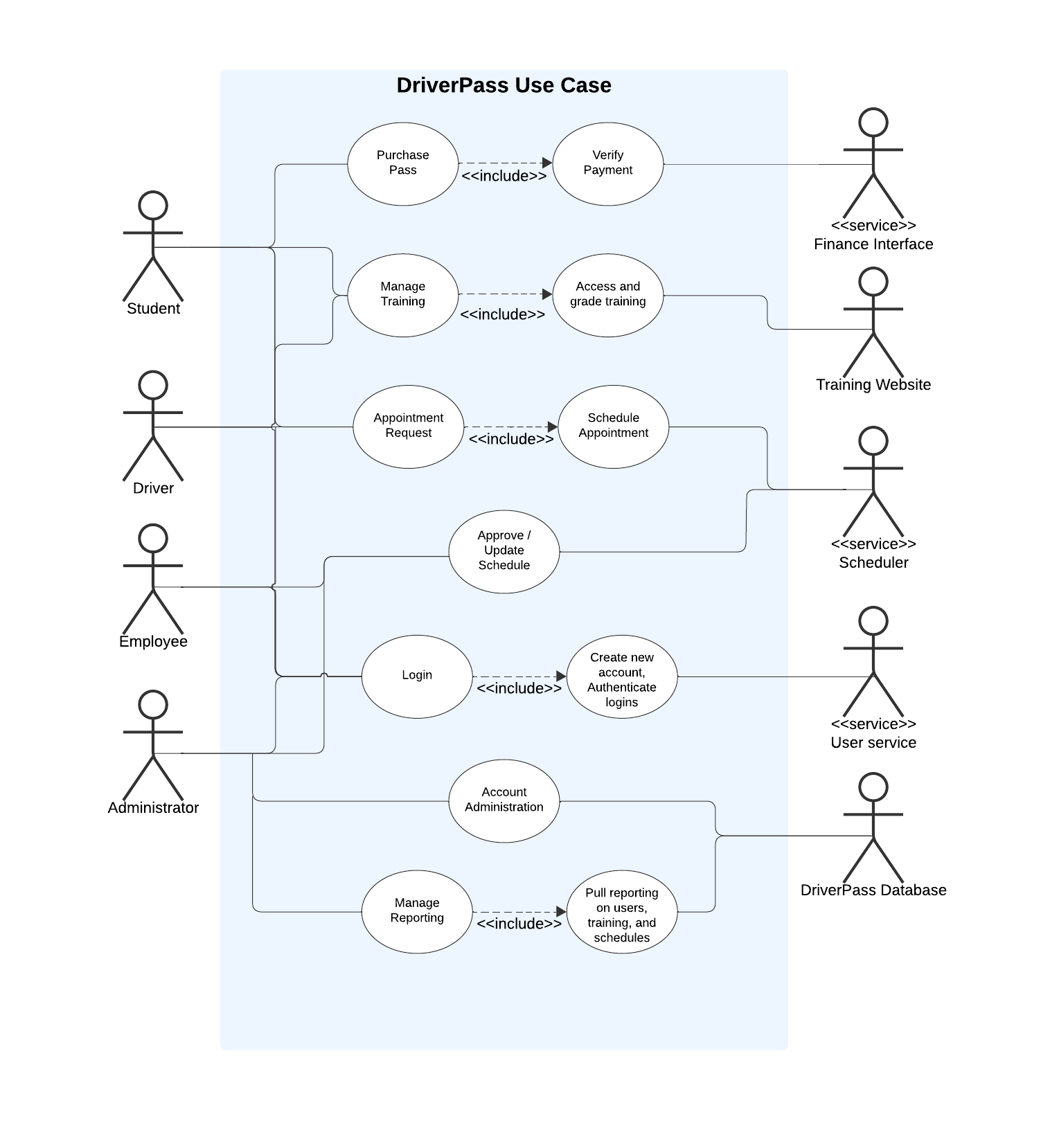
# CS 255 System Design Document Template

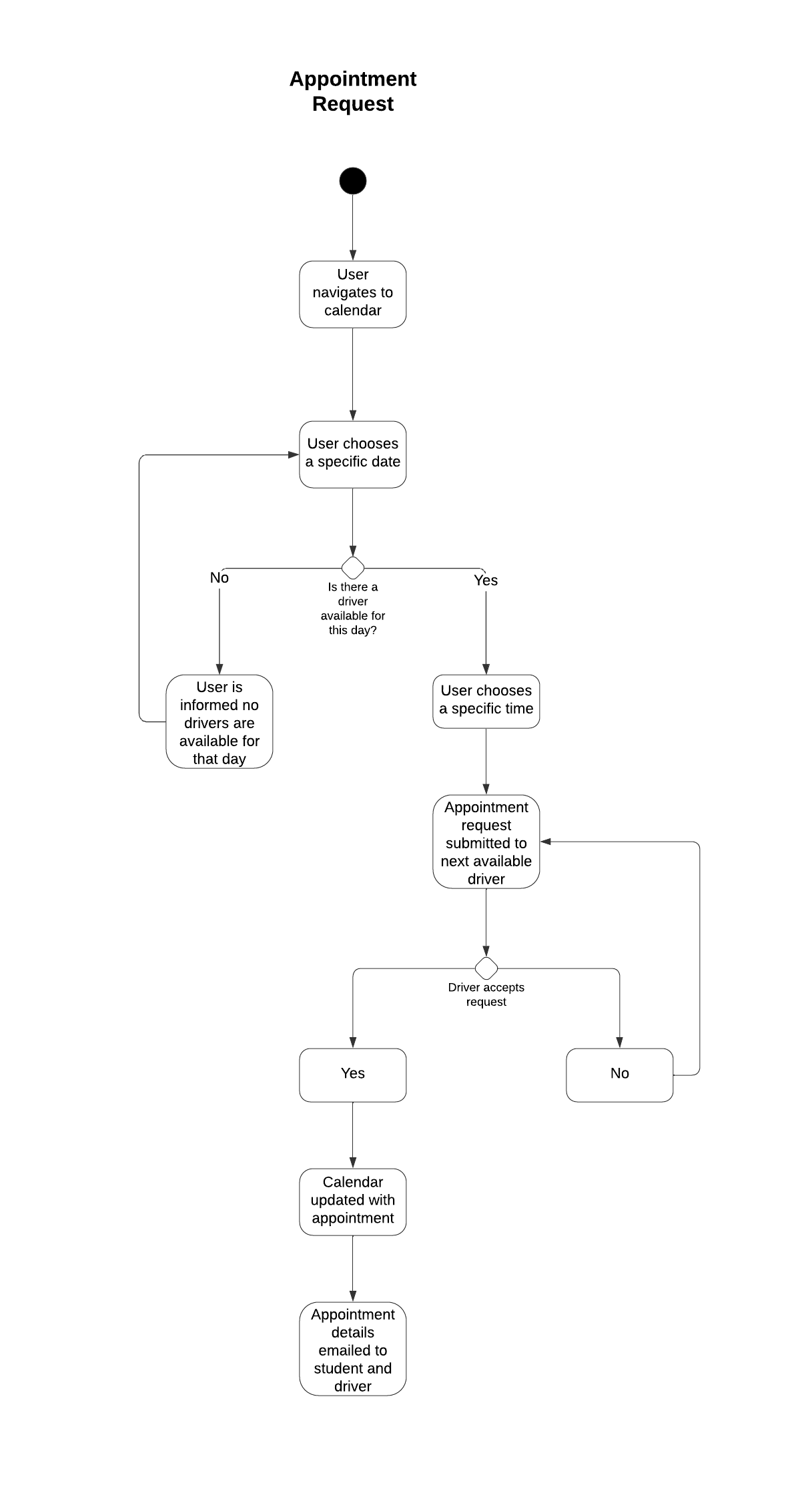
This template lays out all the different sections that you need to complete for Project Two. Each section has guidance to prompt your thinking. You will need to continually reference the interview transcript as you work to make sure that you are addressing your client’s needs. There is no required length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

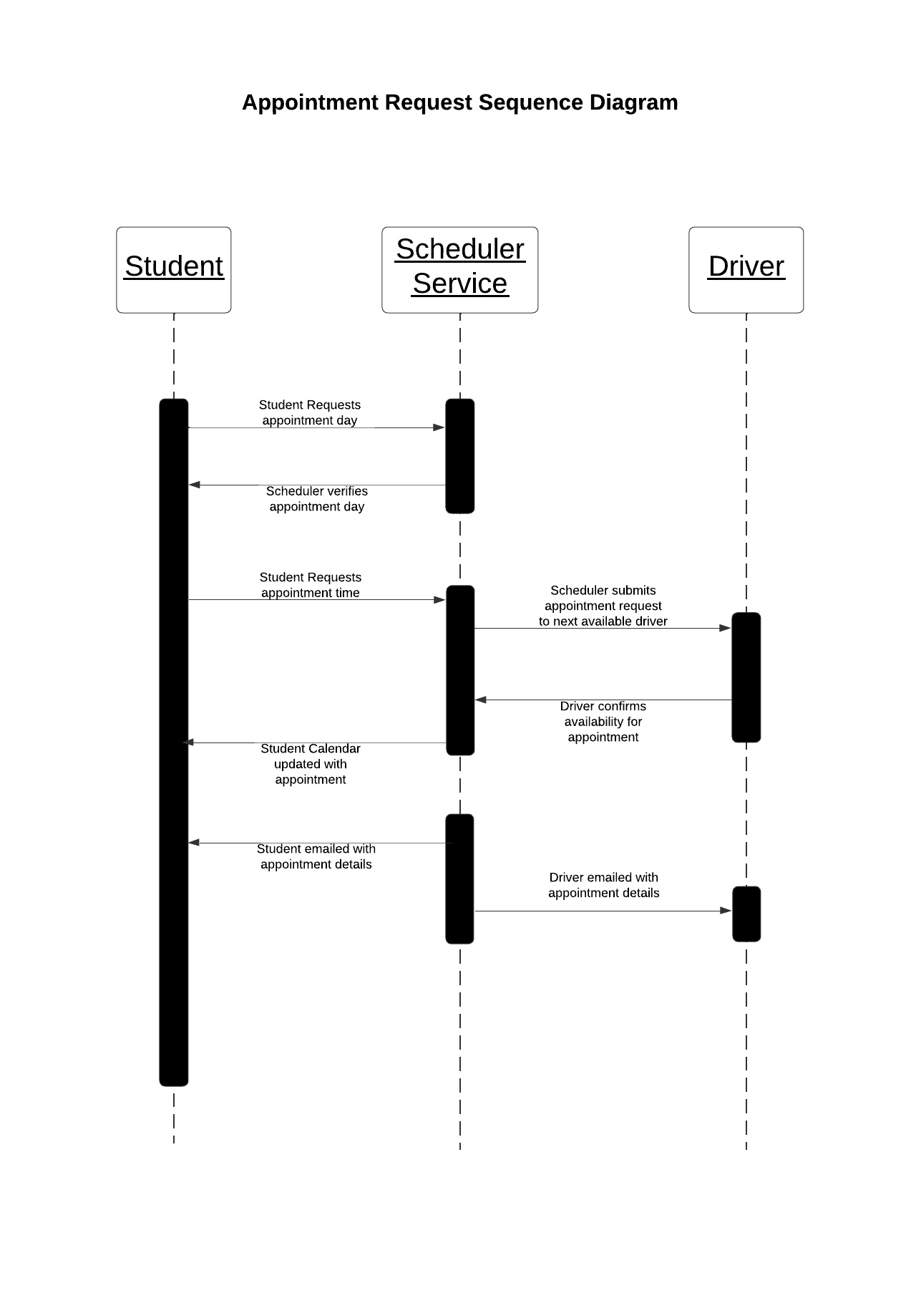
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### UML Activity Diagrams

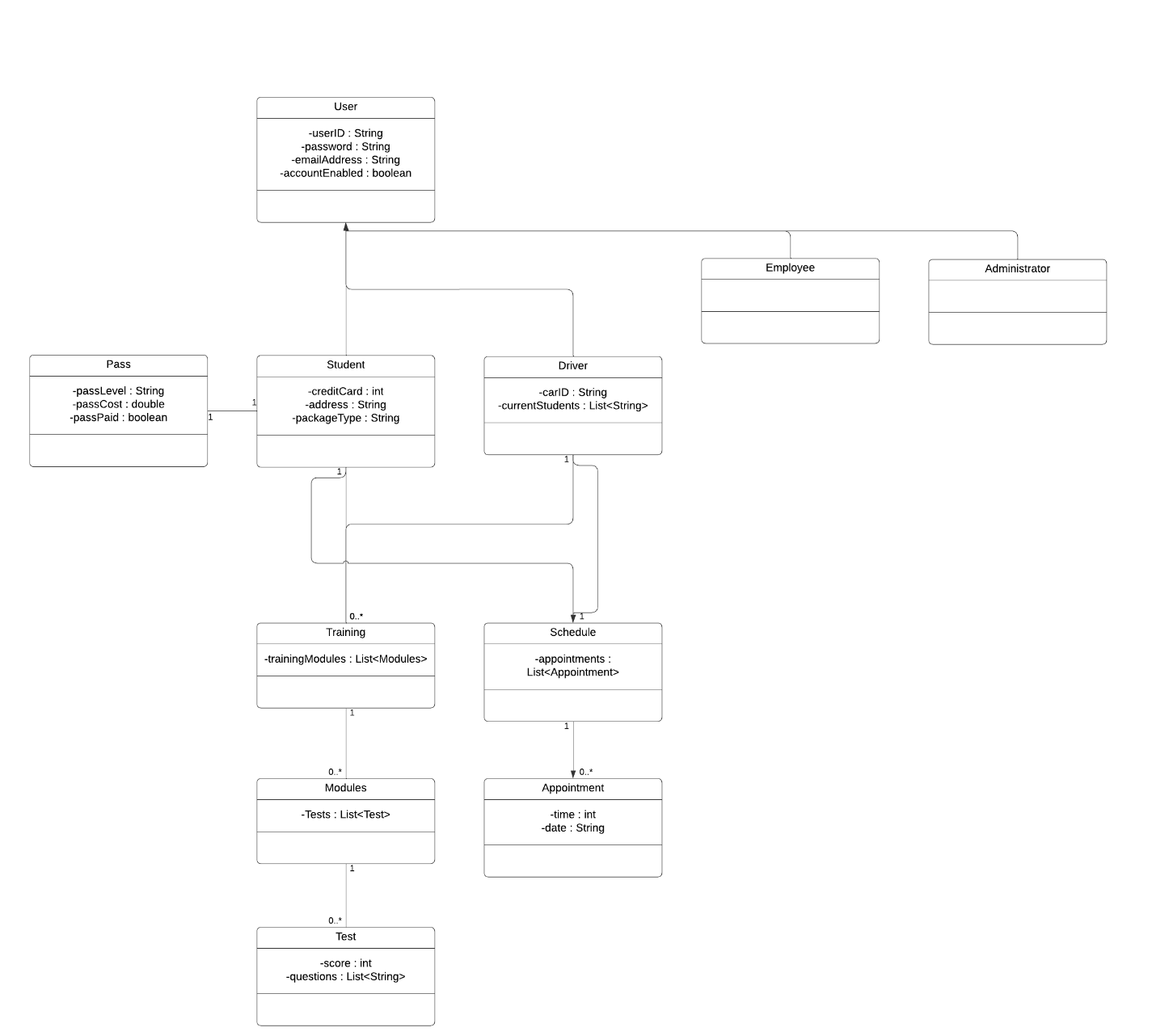
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### UML Sequence Diagram

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### UML Class Diagram

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## Technical Requirements

*Hardware*

* Microsoft Azure virtual machines:
  + Virtual machine for databases/file servers
  + Virtual machine for web front end
* Azure network security appliances

*Software*

* Windows server 2022
* SQL Server
* IIS (built into windows server)
* Active directory (user accounts)

*Infrastructure*

* Microsoft Azure with redundant site locations in both the east and west coast