Southern New Hampshire University

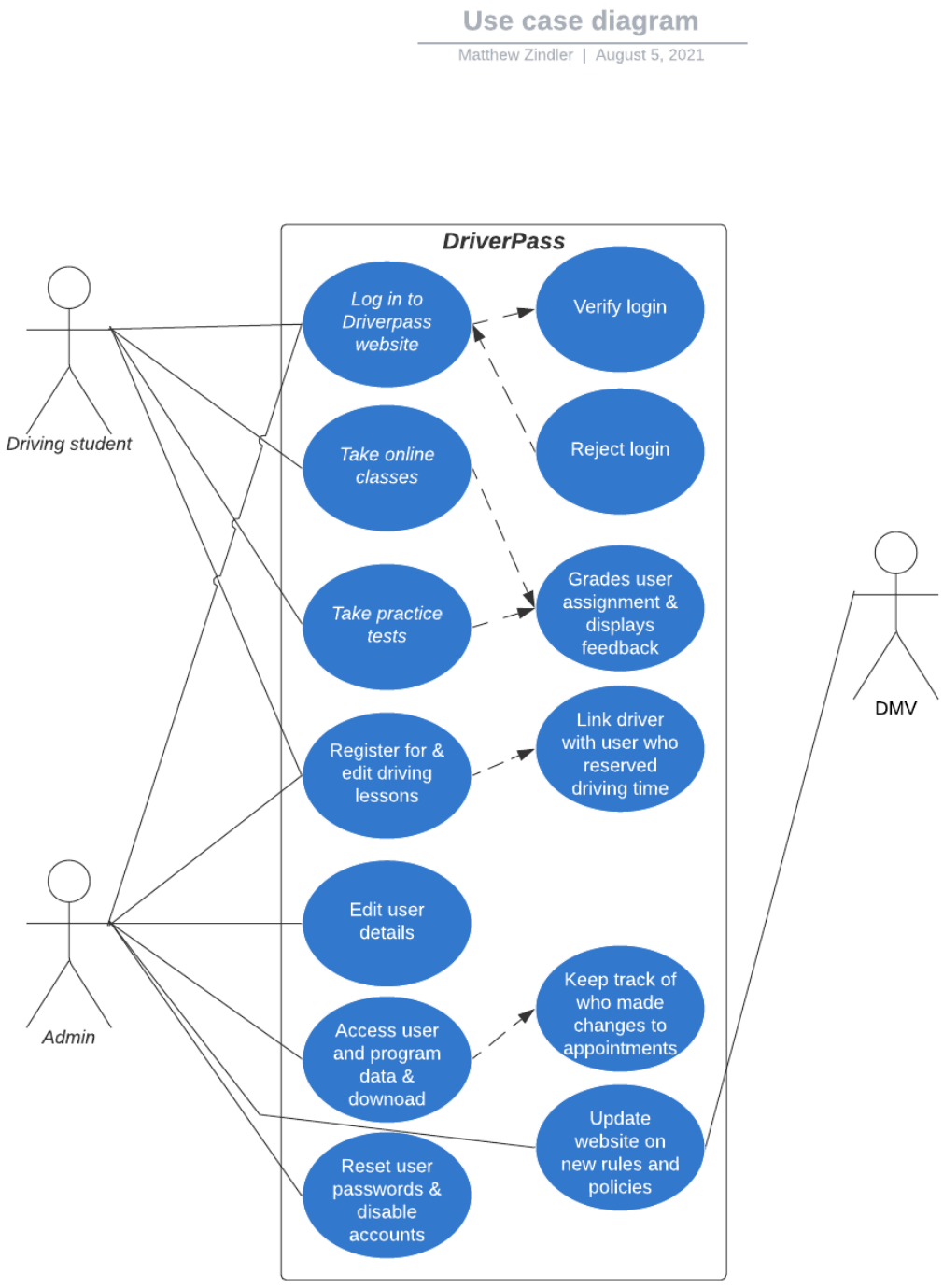
CS 255 System Design Document Template

Matt Zindler

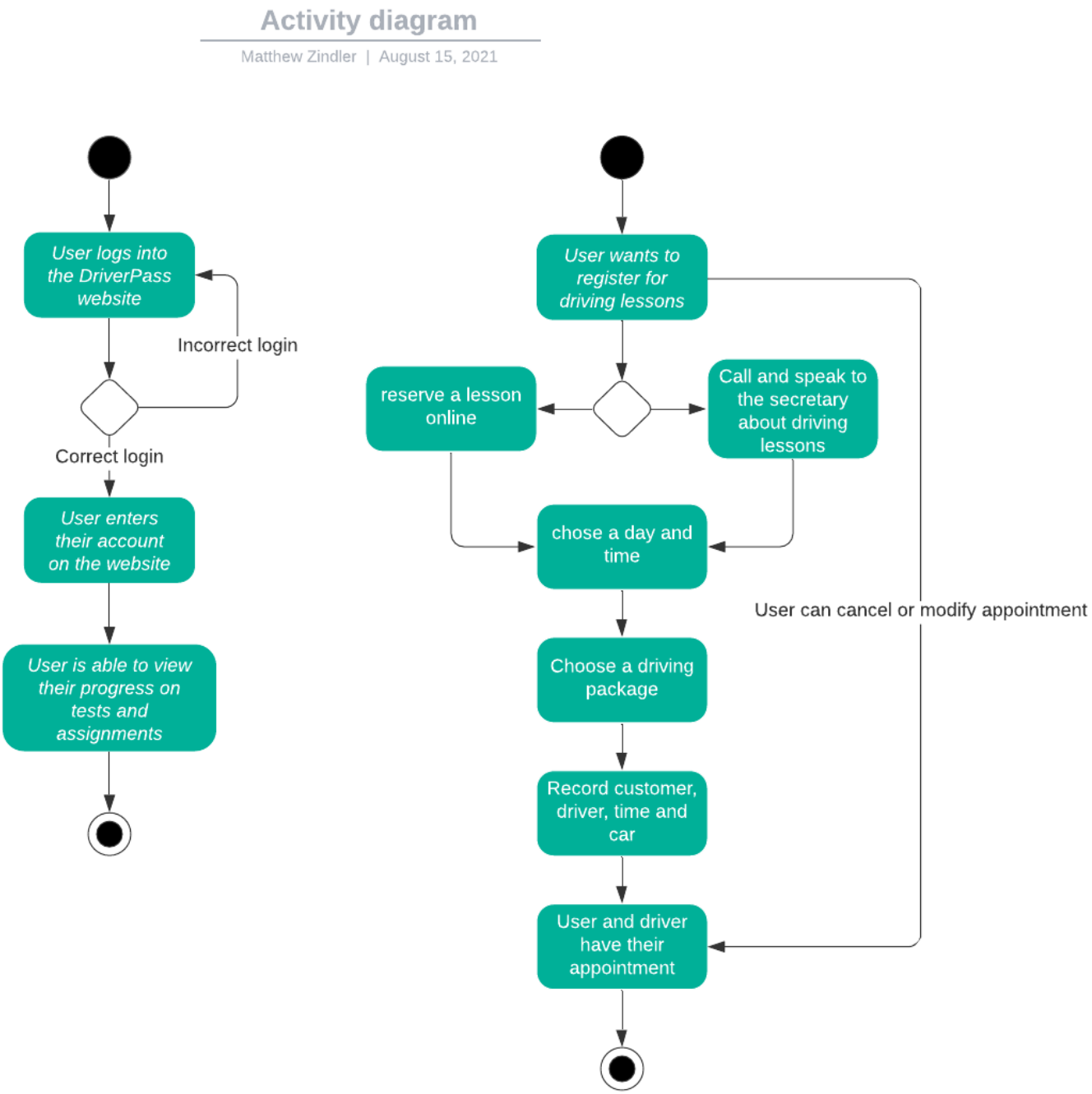
This template lays out all the different sections that you need to complete for Project Two. Each section has guidance to prompt your thinking. You will need to continually reference the interview transcript as you work to make sure that you are addressing your client's needs. There is no required length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

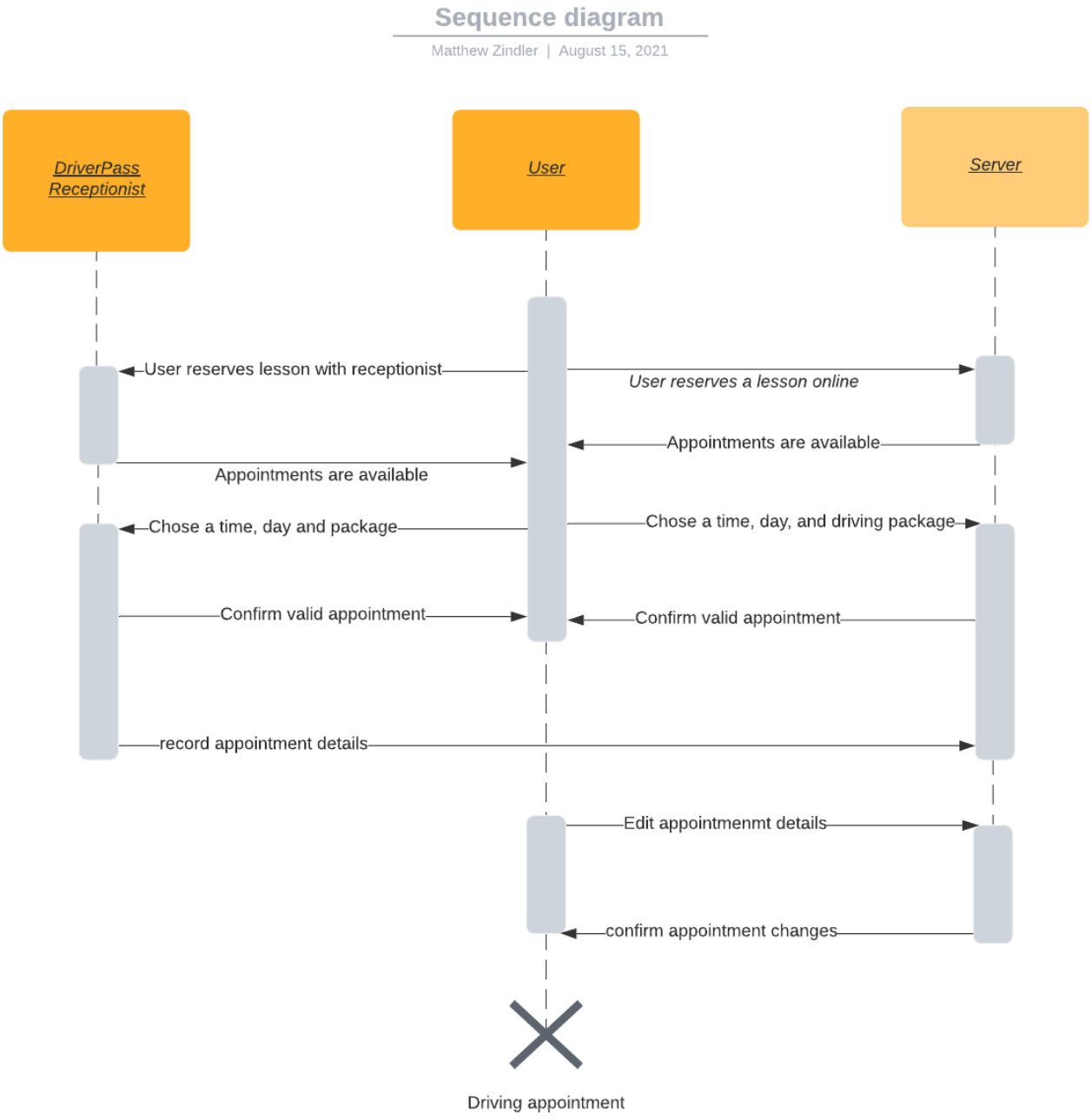
UML Use Case Diagram



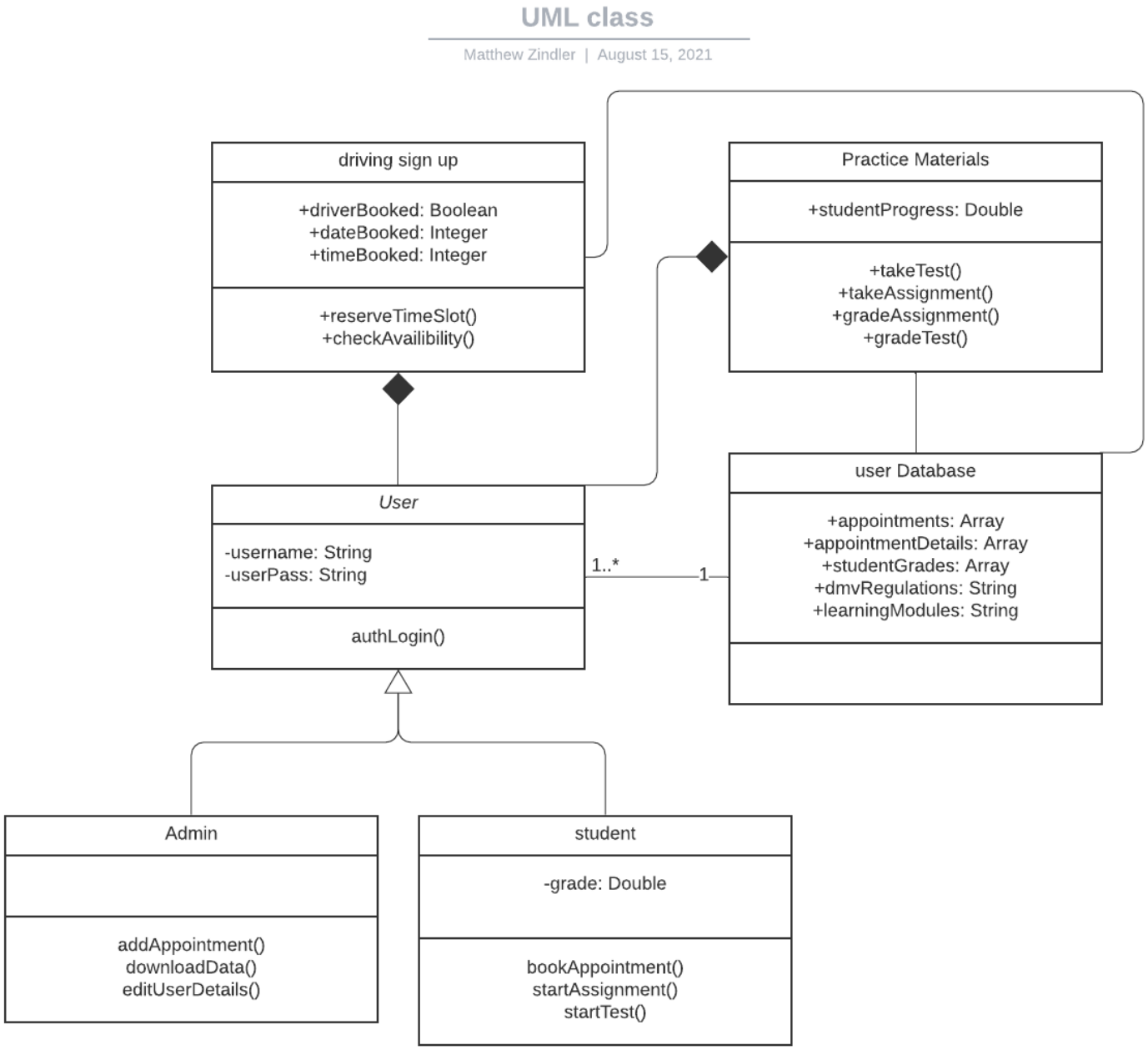
UML Activity Diagrams



UML Sequence Diagram



UML Class Diagram



Technical Requirements

- The DriverPass system should run on a cloud based server. This allows flexibility in size and cost based on the DriverPass team's current client base and growth. The online server will be accessible anywhere with a connection to their customers.
- The program will not need to have frequent communication with the server and could benefit from a moderate update speed and infrastructure. Their users can take the online tests and assignments and only need to send information when they are finished and ready to have their work graded.
- They will need to have a database to keep track of their user's information: IDs, payment, driving lessons. As well as having different selections for learning modules, DMV updates, and driving assignments kept track of.