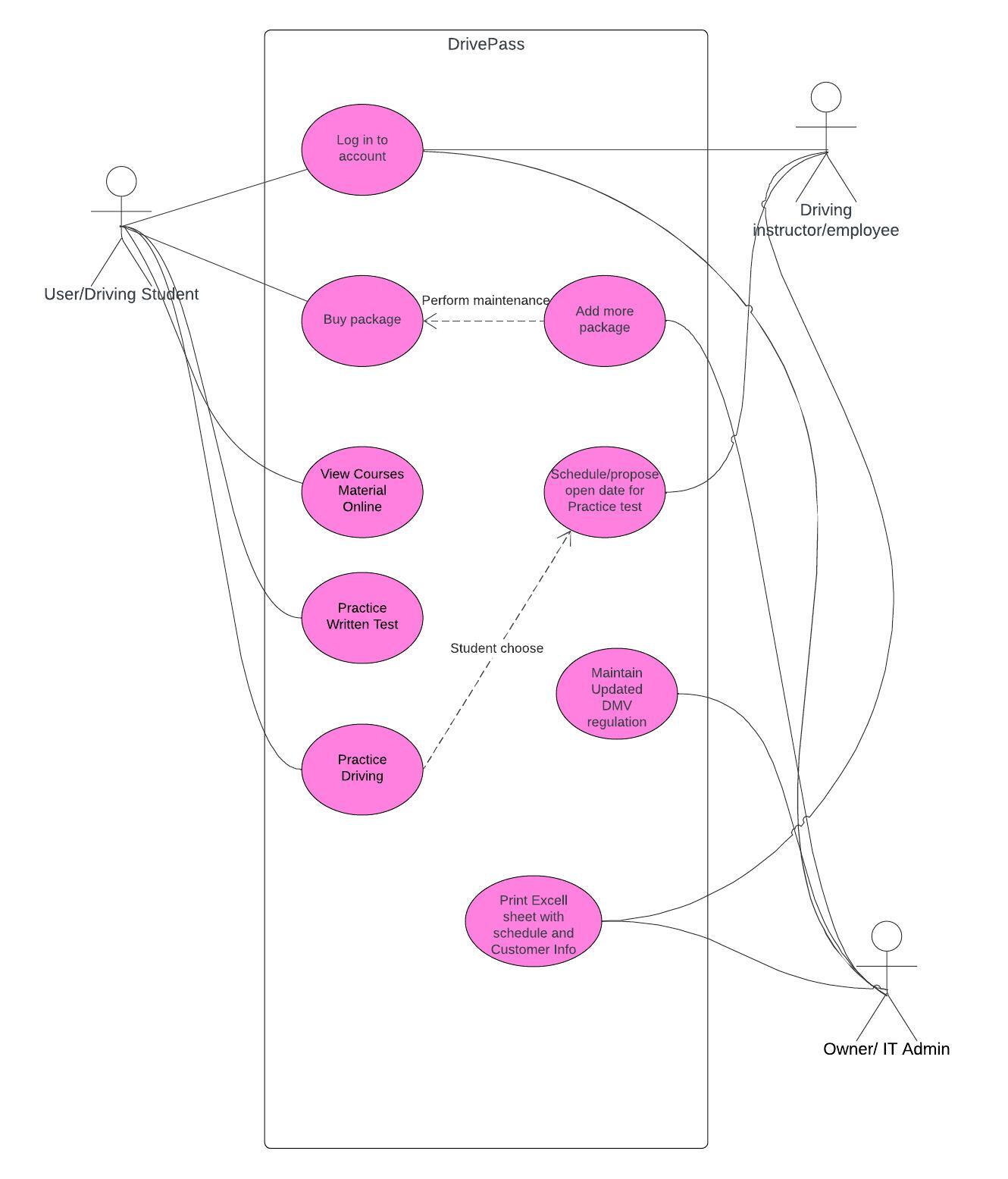
# CS 255 System Design Document Template

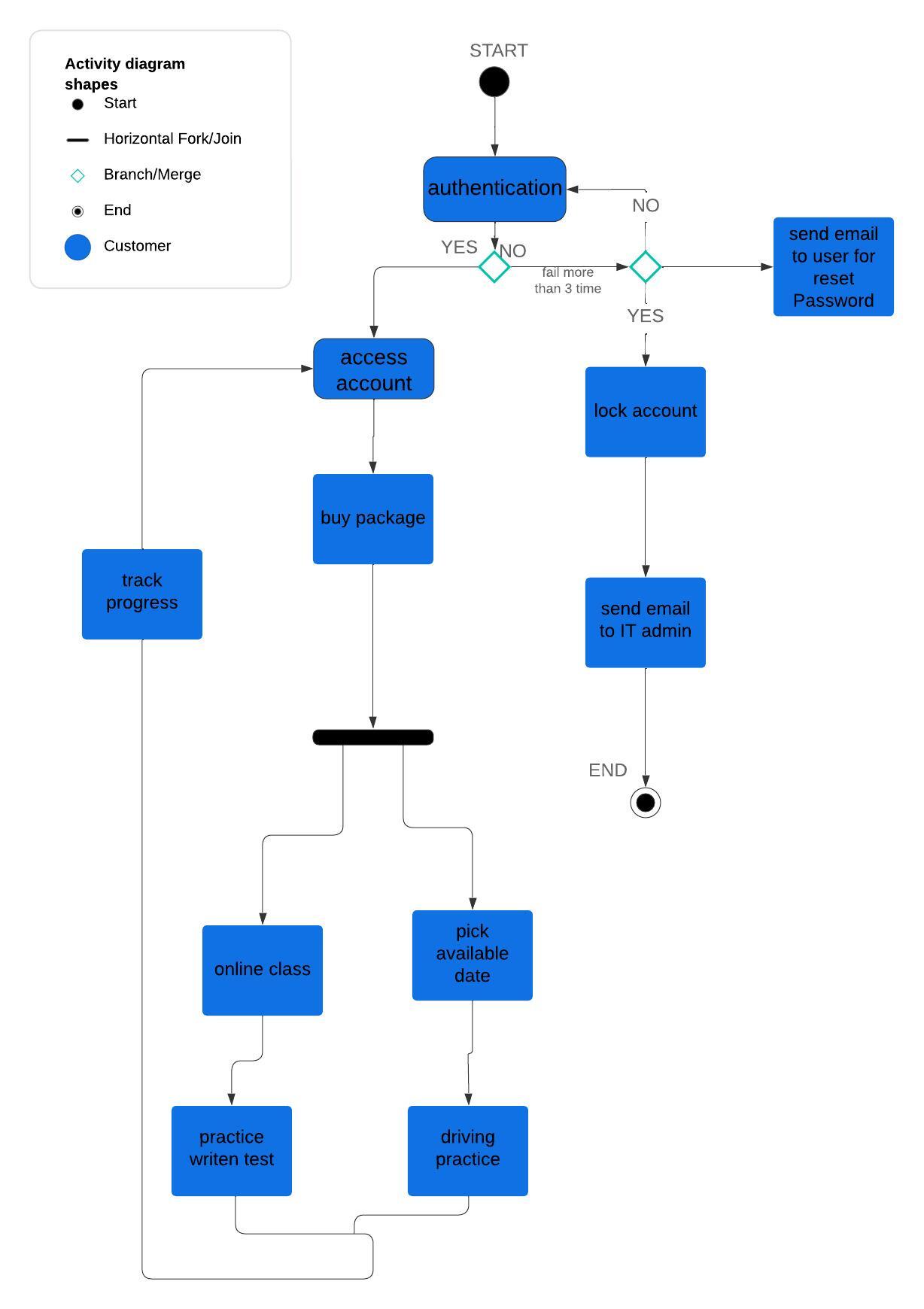
This template lays out all the different sections that you need to complete for Project Two. Each section has guidance to prompt your thinking. You will need to continually reference the interview transcript as you work to make sure that you are addressing your client’s needs. There is no required length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

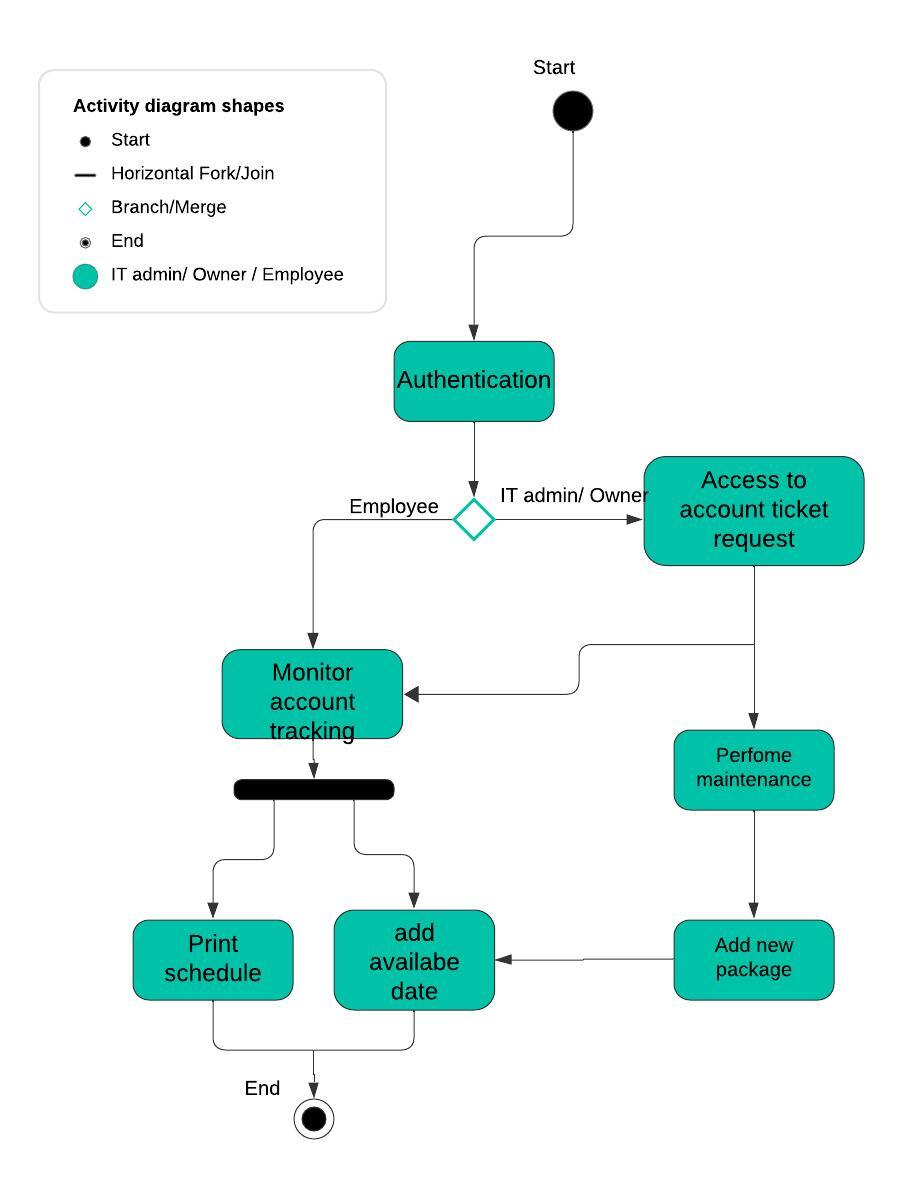
## UML Diagrams

### UML Use Case Diagram

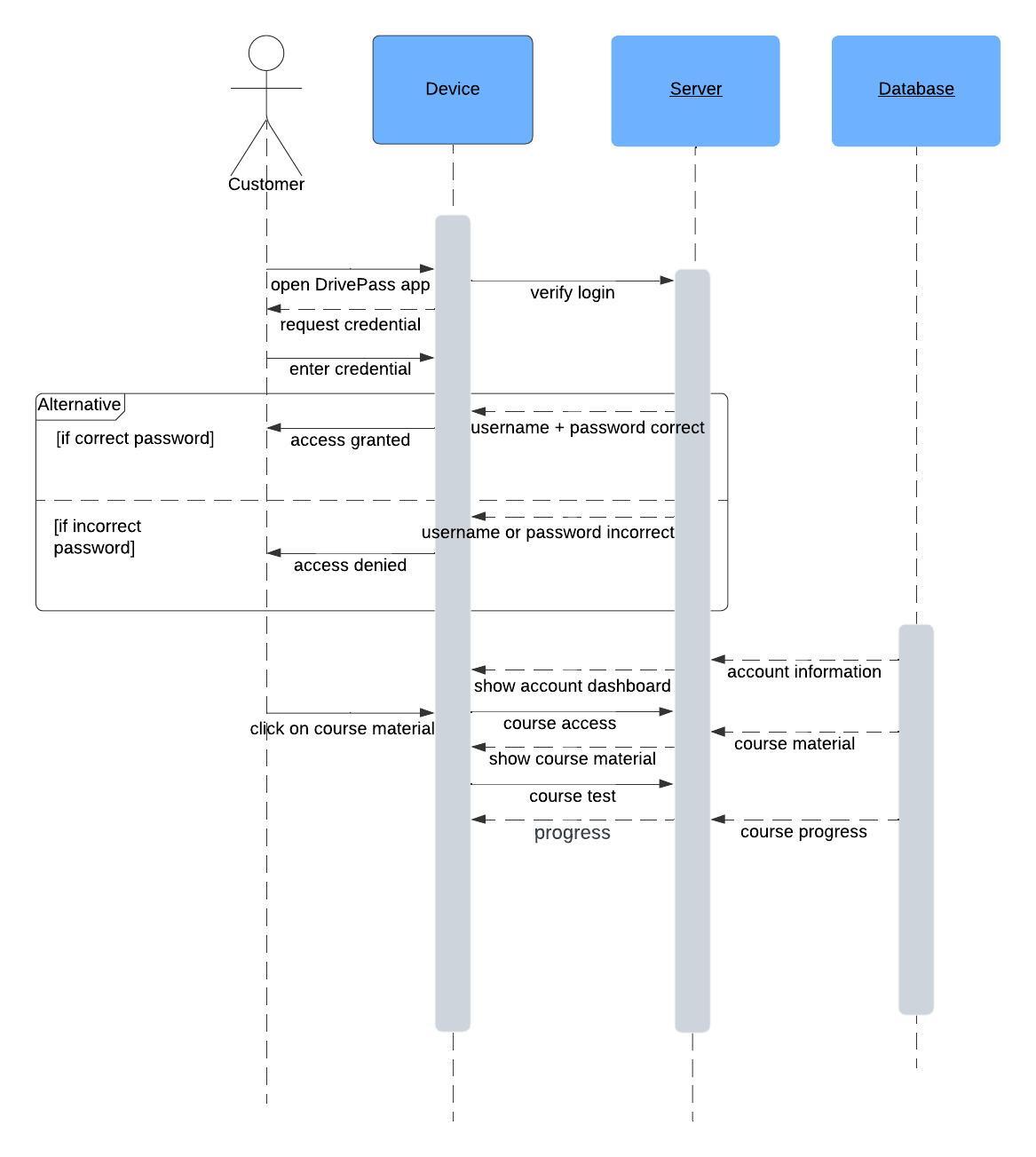


### UML Activity Diagrams

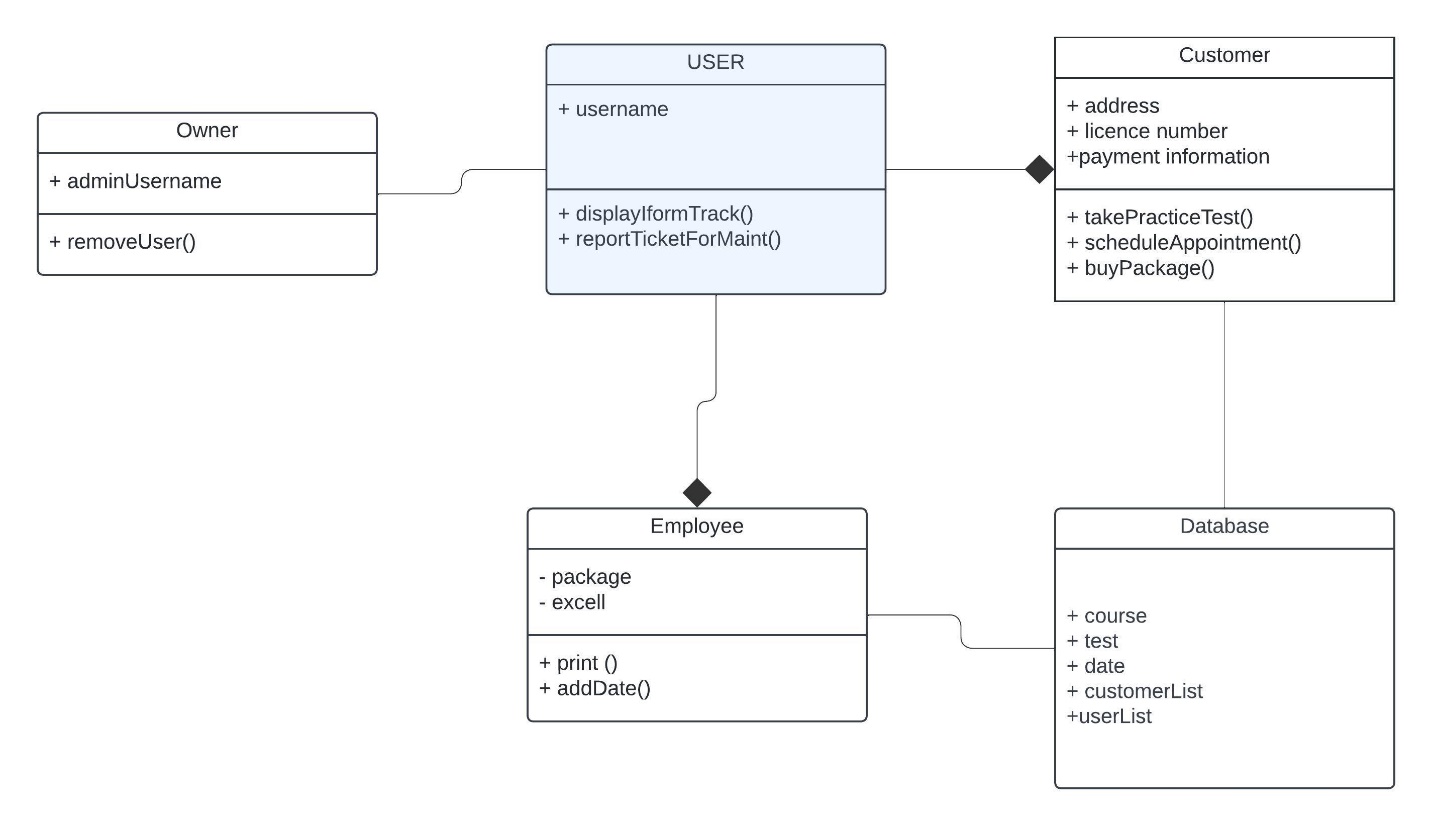
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### UML Sequence Diagram



### UML Class Diagram



## Technical Requirements

* *Cloud database*
* *Third party security authenticator*
* *Compatible on IOS, Android, Windows, Linux, Web based.*
* *3 package available at all time*
* *IT admin different than Employee access*
* *Instructors make the schedule.*
* *IT admins perform maintenance.*
* *Encrypting data with a 256bits algorithm*
* *Test each class as we code them.*