# CS 255 System Design Document

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

Diagram

Description automatically generated

### UML Activity Diagrams

Diagram

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### UML Sequence Diagram

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### UML Class Diagram

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## Technical Requirements

There are many technical requirements for my system. As for the hardware, the user interface will require a keyboard and mouse when the customer is using a personal computer. Also, the customer will require an internet provider and a power source for their computer or phone. A server will also be necessary for the host system. Software will require web browsing application and operating system for the user. As for admins they will require server application and security for the DriverPass software. Tools that will be required to develop this program will be programming software. Also, internet connection, and networking tools to monitor traffic and watch for malicious activity. Finally, the infrastructure required is a server location or cloud provider. An internet service as mentioned, phone lines for the secretary, vehicles for instructors, insurance for instructors and business, and a third-party payment service to manage all customers payments.