# 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

Diagram

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### UML Activity Diagrams

### *Diagram, engineering drawing Description automatically generated*Diagram, engineering drawing Description automatically generated

### UML Sequence Diagram

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### UML Class Diagram

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## Technical Requirements

*The system will require a server for hosting the database, as well as the client devices such as computers, smartphones, or tablets to access the system. The system would require a web-based application to provide access to the functionalities. A code editor would be required for the development of the system. The system will also require a reliable and secure hosting platform that could handle the anticipated traffic and provide scalability as the system grows. Additionally, security protocols such as SSL encryption and firewalls would need to be implemented to protect the systems data and prevent unauthorized access. Overall, the technical requirements for the DriverPass system design would involve a combination of hardware, software, tools, and infrastructure to ensure the systems functionality, scalability, and security.*