# 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, schematic

Description automatically generated*

### UML Activity Diagrams

Diagram

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Diagram

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### UML Sequence Diagram

Diagram

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### UML Class Diagram

Diagram

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## Technical Requirements

*The DriverPass application should be a web-based application, built using windows server. The system ought to use a cloud-based solution, so that hardware failure will not be a significant issue, and will allow the maximum uptime of the application as well as allow for quick scaling of resources should the need arise. Security will also be handled utilizing primarily built-in cloud security, with login security handled by the software within the system and database.*