# 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

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### UML Sequence Diagram

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### UML Class Diagram

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## Technical Requirements

*[Based on the diagrams you have created, describe the technical requirements of your system. These requirements should address the required hardware, software, tools, and infrastructure necessary for your system design.]*

For DriverPass to be successful, we will need to set up our system with the infrastructure necessary to support our system.

We know that our client does not want to have to deal with creating its own backups or dealing with system or server issues, so our application will be hosted on cloud services.

It is assumed all accessing parties will have an internet connection and a device in which to interact with our application via a major web browser.

The system will implement RBAC to distinguish between users with different levels of access. Authentication is processed via means of a simple username/password approach coded with secure best practices. User accounts lock after 10 failed attempts requiring user to unlock via email.

User databases can be modified by non-programmer through backend tools.