# 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

Description automatically generated

### UML Activity Diagrams

Login use case activity diagram:

Diagram

Description automatically generated

Password reset use case activity diagram:

Diagram

Description automatically generated

### UML Sequence Diagram

Login sequence diagram:

A picture containing text, parking, day

Description automatically generated

### UML Class Diagram

*[You were asked to create a class diagram based on the different classes and attributes needed for your system design. You are* ***not*** *required to include methods, but you may if you wish. Please insert your class diagram here. Check to make sure that you included appropriate components and symbols and that your design meets the client’s requirements.]*

## 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.]*

The DriverPass system must be accessible across all platforms with a strong internet connection. Data and security will be handled by a cloud service provider. Only authorized users with an account will be able to access the system. New users must create account through secretary before being able to login. The admin is the only user with full access. Admin is in charge of resetting passwords and of blocking users. The IT officer will have access to the database to make any changes to the code. System must connect with the DMV to update license requirements. On site reliable hardware and a high speed internet connection must be present to serve customers without major delays. System should be updated frequently with minor down times.