# 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

A diagram of a company structure

Description automatically generated

### UML Activity Diagrams

Login Activity Diagram

*A diagram of a computer program

Description automatically generated*

*Process Payment Activity Diagram*

*A diagram of a payment method

Description automatically generated*

### UML Sequence Diagram

*Login Sequence Diagram*

\A diagram of a diagram of a software company

Description automatically generated with medium confidence

### UML Class Diagram

A diagram of a user account

Description automatically generated

## Technical Requirements

The required hardware requirements for the system would be:

A server to host the application and handle the operations.

A desktop computer to host the server.

Provided with a keyboard, mouse, monitors.

A network provider and modem with routers.

The required software requirements for the system would be:

An operating system (Windows, Linux , etc)

The required tools required for the system would be:

Programming software

Eclipse , Visual Studio, etc

A device preferably a desktop that can handle server hosting

Cloud Services

Amazon Web Services, Azure, etc

This would be the basic technical requirements to get DriverPass system up and running for the client’s needs.