# 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 diagram

Description automatically generated

### UML Activity Diagrams

A diagram of a user reservation system

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### UML Sequence Diagram

A diagram of a log in

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### UML Class Diagram

A diagram of a company

Description automatically generated

## Technical Requirements

Customer Hardware Needs-

The Customer will need a computer with keyboard, mouse and monitor.

The Customer will need a network connection via an Internet Service Provider(ISP)

Customer Software Needs-

The Customer will need a modern Operating System

The Customer will need an internet browser

DriverPass Hardware Needs-

DriverPass will need computers with input/output devices

DriverPass will need internet connectivity through an ISP

DriverPass will need a dedicated database/server computer

DriverPass will need telephones

DriverPass Software Needs-

DriverPass will need a modern Operating System

DriverPass will need their newly developed software

Tools Need-

DriverPass will need the correct files/configuration of their operating system to be compatible with the online hosting and security of their software.

DriverPass will need a report of downtime or errors

Infrastructure Need-

Solid network connections for DriverPass and Customers computers

Reliable communication to DMV

Secure Payment Gateways

Reliable web hosting