# 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 driver pass system

AI-generated content may be incorrect.*

### UML Activity Diagrams

*UML User Package Purchase*

*A diagram of a payment method

AI-generated content may be incorrect.*

UML User Creation

A diagram of a login

AI-generated content may be incorrect.

### UML Sequence Diagram

*User Login Sequence*

*A diagram of a user account creation

AI-generated content may be incorrect.*

### UML Class Diagram

A diagram of a computer

AI-generated content may be incorrect.

## Technical Requirements

* Hardware
  + Reliable internet connection
  + Computer or mobile device eligible to access the web app
  + Dedicated server
* Software
  + Recommended SQL server for the database
  + Firewall implementation
  + Windows OS
  + Connection with DMV