# 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 user account

AI-generated content may be incorrect.

### UML Activity Diagrams

User logging in to DriverPass

### A diagram of a math problem AI-generated content may be incorrect.

A diagram of a diagram

AI-generated content may be incorrect.

User selects a package.

### UML Sequence Diagram

User requests new password

*A diagram of a program

AI-generated content may be incorrect.*

### UML Class Diagram

*A diagram of a function

AI-generated content may be incorrect.*

## Technical Requirements

Hardware Requirements

* At least one dedicated server
* Cables to connect server to network
* Reliable internet access
* Computer monitor and keyboard with mouse or separate mouse to access website
* A power source

Software Requirements

* Linux server operating system
* Software compatibly with major web browsers
* Compatible web browser
* Newest, recently updated security software
* Data migration tools
* Testing and quality assurance tools