# 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

AI-generated content may be incorrect.

### UML Activity Diagrams

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

### UML Sequence Diagram

A screenshot of a computer screen

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### UML Class Diagram

A diagram of a computer

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## Technical Requirements

The technical requirement for Client’s system is:

* An Internet Connection 24/7
* Up to Date Browser

The Technical Requirements for Drive Pass are:

* Internet Connection 24/7
* Up to Date Data Protection
* Servers to run
* Server to Store Data
* Connection to Bank
* Connection to DMV

Hardware for Client’s System:

* Desktop/Laptop
  + Must be at least 4gb ram
  + Must have a stable Internet Connection

Hardware for Driver Pass is:

* Webserver
* Database Server
* Stable Internet Connection

Operating systems for Client’s system:

* Windows, mac, iOS, or Android

Operating systems for Server System:

* Linux or Window server

Programming Languages:

* Frontend
  + HTML, CSS, JavaScript
* Backend
  + Java, Python, and PHP

IDE:

* VSCode, PyCharm, and Eclipse.