# CS 255 System Design Document

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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

Description automatically generated

### UML Activity Diagrams

A diagram of a software system

Description automatically generated

### A diagram of a login Description automatically generated

### UML Sequence Diagram

A diagram of a computer program

Description automatically generated

### UML Class Diagram

A diagram of a computer

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## Technical Requirements

*[Based on the diagrams you have created, describe the technical requirements of your system. These requirements should address the required hardware, software, tools, and infrastructure necessary for your system design.]*

* The system shall backup logs at least every 30 minutes. As well as be available to be downloaded and viewed while offline
* The system shall integrate with the DMV and automatically update course materials to reflect current DMV rules and regulations.
* The system shall securely store sensitive user information as well as provide secure logins via two factor authentication.
* System functionality will be limited if electricity is unavailable.