# 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

Description automatically generated

### UML Activity Diagrams

*A diagram of a software company

Description automatically generated with medium confidence*

A diagram of a product

Description automatically generated

### UML Sequence Diagram

A diagram of a website

Description automatically generated

### UML Class Diagram

A diagram of a company

Description automatically generated with medium confidence

## 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.]*

There are several technical requirements

* Devices that can use the internet to access the cloud website
* The cars required for the driving lessons
* Cloud servers and database
  + Deals with security and backups
* Payment methods
* The webpage
  + Customizable interface
* Login system
* Report software (Excel)
* Access hierarchy
* Scheduling software
* DMV tracking software