# 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 diagram

Description automatically generated*

### UML Activity Diagrams

*A diagram of a vehicle

Description automatically generatedA diagram of a workflow

Description automatically generated*

### UML Sequence Diagram

*A diagram of a car reservation

Description automatically generated*

### UML Class Diagram

*A diagram of a computer program

Description automatically generated with medium confidence*

## Technical Requirements

A cloud-based system to run the website with good scalability as the site gets popular.

A database to store vehicle information.

IT department for troubleshooting user issues.

Programmers that are able to code in multiple languages to make it accessible over different platforms.

A system to check and update DMV regulations as they change

A way to process payments

Printers for reports

Workstations for the IT department or admins to help users with any issues