# 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

Description automatically generated

### UML Activity Diagrams

A computer screen shot of a computer

Description automatically generated

A diagram of driving lessons

Description automatically generated

### UML Sequence Diagram

A screenshot of a computer screen

Description automatically generated

### UML Class Diagram

A diagram of a class

Description automatically generated

## Technical Requirements

**Hardware**:

* Desktop computers with monitors, Laptops
* Access to internet (router)
* Server
* Firewall

**Software**:

* Windows Server
* SQL (store information)
* Security software
* Device support (Mac, Windows, Linux)
* Browser support (Chrome, Safari, Firefox, Edge)

**Tools**:

* Lucid Chart (UML case diagram, UML activity diagram, UML sequence diagram, UML class diagram)
* IDE (IntelliJ, VS Code)
* Version Control (Git)

**Infrastructure**:

* Software Security
* Servers
* Internet connection (WIFI, 4G)