# 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



### UML Activity Diagrams





### UML Sequence Diagram



### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

* **Hardware Requirements**
  + Server to host website
  + Constant connection to site/server
  + Storage for customer info and website data
  + Computer browser or mobile browser for user access
  + Firewall and secure server site physically
  + Off site back up
* **Software Requirements**
  + Recommended windows server for easy of use and stability
  + Backup software versions of website and database
  + Encryption to secure user information