# 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



## Technical Requirements

*The technical requirements for this system would be as follows:*

*The system hardware requires a server for the system to be stored on. This server would need access to the internet as well as a physical keyboard/mouse and a monitor for server interaction. It would also need to be stored somewhere the admin would have physical access to incase he/she would need to update the physical hardware or run diagnostic tests from its central location. As for the customer, the admin, and the instructors, they would all need to have internet access to interact with the system as well. This could be done on devices such as a smartphone, a computer, or any other hardware with internet access and a capable internet browser such as chrome or safari. Other software and tools needed for this project would be developer tools such as a windows computer loaded with proper IDE environments. For simplification all developers should use the same environment. The admin will also need remote access to these developer system controls so they can make sure the systems are updated and all using the same environment and that no developer is tampering with the code.*