# 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

*[In Module Six, you were asked to complete a use case diagram based on your system design. If you would like to make any adjustments to your diagram, please do so. Please insert your use case diagram here. Check to make sure that you included appropriate components and symbols and that your design meets the client’s needs.]*

*Ảnh có chứa văn bản, biểu đồ, ảnh chụp màn hình, thiết kế

Mô tả được tạo tự động*

### UML Activity Diagrams

*[You were asked to choose* ***two*** *use cases and create* ***two*** *activity diagrams, one for each use case. Please insert* ***both*** *of your activity diagrams here. Check to make sure that you included appropriate components and symbols and that your design meets the client’s needs.]*

Login to the home page activity diagram

*Ảnh có chứa văn bản, biểu đồ, ảnh chụp màn hình, vòng tròn

Mô tả được tạo tự động*

Payment/purchasing activity diagram

Ảnh có chứa văn bản, biểu đồ, Phông chữ, chữ viết tay

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### UML Sequence Diagram

*[You were asked to create a sequence diagram based on* ***one*** *of the use cases you chose. Please insert your sequence diagram here. Check to make sure that you included appropriate components and symbols and that your design meets the client’s needs.]*

Login UML sequence diagram

Ảnh có chứa văn bản, ảnh chụp màn hình, biểu đồ, Song song

Mô tả được tạo tự động

### UML Class Diagram

*[You were asked to create a class diagram based on the different classes and attributes needed for your system design. You are* ***not*** *required to include methods, but you may if you wish. Please insert your class diagram here. Check to make sure that you included appropriate components and symbols and that your design meets the client’s requirements.]*

*Ảnh có chứa văn bản, biểu đồ, Phông chữ, Song song

Mô tả được tạo tự động*

## 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.]*

The system will need the databases and storage, cloud and large space to have all the customers and the users' information, and other attributions, it will need a strong server to host the website and the mobile platform, and host the data of the administrators, users, payments, instructors. The end users will need a computer, tablet and good devices to access to the website. The users will need a stable internet connection and they will need to know the standard of the webstie navigator and have install the browser.

It can be the actual center place to store the information. The Secure Sockets Layer will need to make sure the security. And it is neccessary to have the tool to transfer information between the users and the system such as File transfer Protocol. The tracker for the customer's progress. The tools to schedule appoinments such as Service Scheduling Software or the Microsoft Booking, Square Appoinments, Calendly and Aquity Scheduling.