# CS 255 System Design Document Template

## 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.]*

*Diagram

Description automatically generated*

### UML Activity Diagrams

The first UML Activity diagram is for the student or customer, the second is for the instructor.

*Diagram

Description automatically generated*

*Diagram

Description automatically generated*

### UML Sequence Diagram

*Diagram

Description automatically generated*

### UML Class Diagram

*Diagram, engineering drawing

Description automatically generated*

## Technical Requirements

Anyone who is using the system will only need to have a cell phone, tablet, laptop, or computer with an internet connection. On the user side of the system, it is simple, as long as they are operating on one of the major operating systems such as Windows or Mac will not have an issue using the system.

To maintain the system there is no major need to have a server bank or anything else, they will only need to have the ability to look at the script and code within the program.

The company itself will need to establish a cloud service to store their data, Amazon Web Services leads the industry and has a multitude of options to choose from with scalability if necessary, in the future.