# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

Chart

Description automatically generated

### UML Activity Diagrams

*Diagram

Description automatically generated with medium confidence*

*Graphical user interface, website

Description automatically generated*

### UML Sequence Diagram

Diagram

Description automatically generated

### UML Class Diagram

Timeline

Description automatically generated with low confidence

## Technical Requirements

* The client has stated that he wants the system to be cloud-based, so no physical servers are needed to store the data for the system.
* Since the software contains customer’s personal information, the system needs to be fully encrypted and additional security might be necessary to prevent hacking in the cloud.
* The developers will need a functioning operating system with development tools on it, such as Eclipse or Visual Studio and an active internet connection.
* Per the client’s request, all that the user will need to access the system will be an internet connection, since the program will be web based it will be functional on all platforms.