# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

*Diagram

Description automatically generated*

### UML Activity Diagrams

Diagram

Description automatically generated

Diagram

Description automatically generated

### UML Sequence Diagram

*Diagram

Description automatically generated*

### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

There are various aspects which make up the technical requirements for the system design. The application will be available to students, new and existing, from most modern web browsers, which is the software necessary to access the application. Desktops, laptops, tablets, and smartphones are all devices capable of supporting a modern web browser. Tools for planning for, and development of the application include LucidChart for UML (use case, activity, sequence, and class) diagrams, and an IDE or text editing software for programming languages. In terms of infrastructure, the application will require an internet connection.