# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

*A diagram of a person's work flow

Description automatically generated*

### UML Activity Diagrams

User scheduling lesson activity diagram:

*A diagram of a process

Description automatically generated*

User password reset activity diagram:

A diagram of email

Description automatically generated

### UML Sequence Diagram

*A diagram of a process

Description automatically generated*

### UML Class Diagram

*A diagram of a computer program

Description automatically generated*

## Technical Requirements

The system is designed to run efficiently across all major platforms, including Windows, Unix, and macOS. It will require a robust back-end database to ensure secure data storage and management, with frequent updates to maintain data security and system performance. The interface must be user-friendly and accessible through web browsers on both desktop and mobile devices, allowing students the ability to schedule lessons, take online tests, and view their progress. This setup will ensure that the system functions smoothly and meets the needs of all users.