# CS 255 System Design Document Template

Cheyenne Nave – April 21st, 2024

## UML Use Case Diagram

A diagram of a person's diagram

Description automatically generated

### UML Activity Diagrams

Test-Taking Activity Diagram:

A diagram of a computer program

Description automatically generated

Print-Reports Activity Diagram

A diagram of a software program

Description automatically generated

### UML Sequence Diagram

Profile-Update Sequence Diagram:

A diagram of a computer program

Description automatically generated

### UML Class Diagram

A diagram of a software application

Description automatically generated with medium confidence

## Technical Requirements

This software requires a web-server that can be accessed separately by students, employees and owners. The web-server and database-server should be able to support mobile and desktop operating systems. Multifactor Authentication needs to be used and accessible to ensure security and safety. I suggest Windows, as the cost is low and the security is highly rated.