# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

*Diagram

Description automatically generated*

### UML Activity Diagrams

**Student Activity Diagram**

*Diagram

Description automatically generated*

**IT Activity Diagram**

Diagram

Description automatically generated

### UML Sequence Diagram

**IT**

Diagram

Description automatically generated

### UML Class Diagram

Diagram, schematic

Description automatically generated

## Technical Requirements

Technical requirements are:

* Serverless database that houses the employee, student, testing, schedule, and other miscellaneous information
* Connection to the internet
* Employees with the skills to build the system
* Relevant coding software
* Staffs’ familiarity with technology is important to keep them in the loop and avoid delays
* The new system compatible with the company’s existing technologies
* The new system is compatible with popular hardware so the system is accessible (Windows, Mac OS, etc.)