# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

*A diagram of a diagram of a person's work flow

AI-generated content may be incorrect.*

### UML Activity Diagrams

A diagram of a company

AI-generated content may be incorrect.

A diagram of a payment process

AI-generated content may be incorrect.

### UML Sequence Diagram

*A diagram of a payment process

AI-generated content may be incorrect.*

### UML Class Diagram

*A group of text boxes

AI-generated content may be incorrect.*

## Technical Requirements

* Payment processor portal
* Always-on server
  + Physical or cloud
  + HTTP
  + Automated Emails
* Any computer with a browser
* Security levels
* Payment verification
  + Credit and debit
* Login verification
* Password resets
* Package enable/disable request
* DMV scraper
  + Update DMV-based questions
* Report generation
  + Admin report, Student report, and Schedule report
  + Download as printable file
* Databases
  + Users
    - Stored notifications
  + Student scores/progress
  + Schedules