# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

A diagram of a diagram

Description automatically generated

### UML Activity Diagrams

Create Account Activity Diagram

*A diagram of a flowchart

Description automatically generated*

Create Account Activity Diagram

*A diagram of a payment system

Description automatically generated*

### UML Sequence Diagram

*A diagram of a student driver pass

Description automatically generated*

### UML Class Diagram

*A diagram of a computer

Description automatically generated*

## Technical Requirements

* **Hardware:**
  + Internet
  + Server
  + Computer or smart device
  + Cloud based
* **Software:**
  + Web browser: Firefox, Microsoft Edge, Google Chrome, or Safari
  + SQL Server
  + Security software
  + Operating system
  + Programming languages
* **Tools:**
  + Development tools
  + Security
  + Cloud services to backup website and database
* **Infrastructure:**
  + Integration with DMV for test questions
  + Scalability
  + Servers
  + Database management system (DBMS)
  + Content management system (CMS)