# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

Diagram

Description automatically generated

### UML Activity Diagrams

Diagram

Description automatically generated

### UML Sequence Diagram

Diagram

Description automatically generated

### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

* Web-based application
* Ability to view and download information
* Ability to run on computers, tablets, phones
* Security protocols for protecting user information
* Databases of class information, teacher information, availability of vehicles, and study materials
* Administrator account to oversee all aspects of system
* Credentials for logging in
* Ability to keep credit card payments secure within the system
* Minimal hardware requirement on user end to access information, just internet connection