# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

A diagram of a driver pass

Description automatically generated

### UML Activity Diagrams

*A diagram of a computer program

Description automatically generated*

A diagram of a payment process

Description automatically generated

### UML Sequence Diagram

Purchase A Package Sequence Diagram

A diagram of a person with a diagram

Description automatically generated

### UML Class Diagram

*A diagram of a computer program

Description automatically generated with medium confidence*

## Technical Requirements

1. Hardware Requirements
   1. Must have dedicated server
   2. Stable internet connection
   3. Needs reasonable amount of storage for database and site data
   4. Firewall for securing site ports
2. Software Requirements
   1. SQL Server for database
   2. Server for backups of both Database and website
   3. Security software