# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

Diagram

Description automatically generated

### UML Activity DiagramsDiagram Description automatically generatedDiagram, schematic Description automatically generated

### UML Sequence Diagram

Diagram

Description automatically generated

### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

Based on the diagrams above, this system will require a web-hosted server in the cloud capable of access a high-availability database server. It must also be able to use a electronic payment processing service, such as Paypal, to handle transactions. Security will be handled by the cloud service. The system must be able to run on all operating systems, including iOS and Android.