# CS 255 System Design Document

## UML Diagrams

### UML Use Case Diagram

A diagram of a diagram

Description automatically generated

### UML Activity Diagrams

A diagram of a computer

Description automatically generated

A diagram of a process

Description automatically generated

### UML Sequence Diagram

A diagram of a user

Description automatically generated

### UML Class Diagram

A diagram of a computer

Description automatically generated

## Technical Requirements

Hardware:

* Mobile device with access to web browser
* Internet access
* Cloud infrastructure
  + Hosting server
  + Database

Software:

* Cloud software (AWS, Google, etc.)
* Database software (SQL, NoSQL, etc.)
* Web browser

Tools:

* Reporting
* Authentication
* Security

Infrastructure:

* Payment processor