# CS 255 System Design Document

## UML Diagrams

### UML Use Case Diagram

Diagram

Description automatically generated

### UML Activity Diagrams

Purchase Package Use-Case

Diagram

Description automatically generated

Diagram

Description automatically generated

### UML Sequence Diagram

*Diagram

Description automatically generated*

### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

* Cloud Server w/ database hosting
* Scalable Client/Server
* Internet Access
* Desktop/Laptop/Mobile Device
* Mouse & Keyboard
* Web Application – Browser requirements (Chrome, Firefox, Edge)
* VPN – Local Machines at Business
* Anti-Virus
* Router
* Ethernet cables
* Operating System (Windows, Mac, Linux, iOS & Android)
* UPS – Battery Backups for local machines.
* Microsoft Office