# CS 255 System Design Document

## UML Diagrams

### UML Use Case Diagram

Diagram, schematic

Description automatically generated

### UML Activity Diagrams

Diagram

Description automatically generated

Diagram

Description automatically generated

### UML Sequence Diagram

Diagram

Description automatically generated

### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

**Hardware:**

* Email Server
* Database Server
* DriverPass Server

**Software:**

* Database software (ex. SQL)
* Microsoft Outlook Server
* SHA-256 Encryption software

**Tools:**

* Administrator tools
* Employee tools

**Infrastructure:**

* High speed internet. T1 or higher.
* Cool room that can regulate temperature below 60 degrees Fahrenheit to keep servers cool.