# CS 255 System Design Document

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## UML Diagrams

### UML Use Case Diagram

A diagram of a diagram

Description automatically generated

### UML Activity Diagrams

*A diagram of a computer program

Description automatically generated*

A diagram of a diagram

Description automatically generated

### UML Sequence Diagram

A diagram of a process flow

Description automatically generated

### UML Class Diagram

A diagram of a data flow

Description automatically generated

## Technical Requirements

*Hardware:*

* Server to host the website and manage data.
* Computer with Wi-Fi or network cables to access website and server.
* Internet to access websites and server.

*Software:*

* Security software to prevent outside threats to the system.
* Operating system like windows or Linux.
* Web browser to access the website.

*Tools:*

* IDE for creating the website and server.
* Git for version control.

*Infrastructure:*

* Dedicated room to manage server.