# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

A diagram of a company

AI-generated content may be incorrect.

### UML Activity DiagramsA diagram of a computer program AI-generated content may be incorrect.A diagram of a process AI-generated content may be incorrect.

### UML Sequence Diagram

A diagram of a user flow

AI-generated content may be incorrect.

### UML Class Diagram

A diagram of a computer

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## Technical Requirements

The technical requirements for this system include various hardware, software, tools, and infrastructure. For hardware we will use a cloud based server to store all our data on and we can host the website there as well so we can scale up efficiently as needed. For software the website will run on different internet browsers such as chrome, safari, Firefox, edge etc. so that it can be accessed from any computer or mobile device. For tools we will use role based access for various users and automatic verification for login credentials. We would also like to implement automated password recovery. Finally for the infrastructure we will require an internet connection to be able to access the site and transmit data between the cloud server.