# CS 255 System Design Document Template

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## UML Diagrams

### UML Use Case Diagram

A diagram of a driver pass

AI-generated content may be incorrect.

### UML Activity Diagrams

A diagram of a company

AI-generated content may be incorrect.  
A diagram of a flowchart

AI-generated content may be incorrect.

### UML Sequence Diagram

*A diagram of a driver pass package

AI-generated content may be incorrect.*

### UML Class Diagram

*A diagram of uml class diagram

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## Technical Requirements

**Hardware Requirements**

* Dedicated web and database server for the website.
* Stable and reliable Internet connection.
* Sufficient storage for database and website data.
* Computer or mobile device for the user to access the website.
* A firewall that secures the website ports.

**Software Requirements**

* Windows Server to bring stability.
* SQL Server for the database.
* Backup software for both the website and the database.
* Web server such as Apache.
* Security software for protection against malware.

**Infrastructure Requirements**

* Website must be accessible in the U.S.
* Website and database server must be secured in a data center.
* Server must be placed in a central location to improve performance.