# CS 255 System Design Document Template

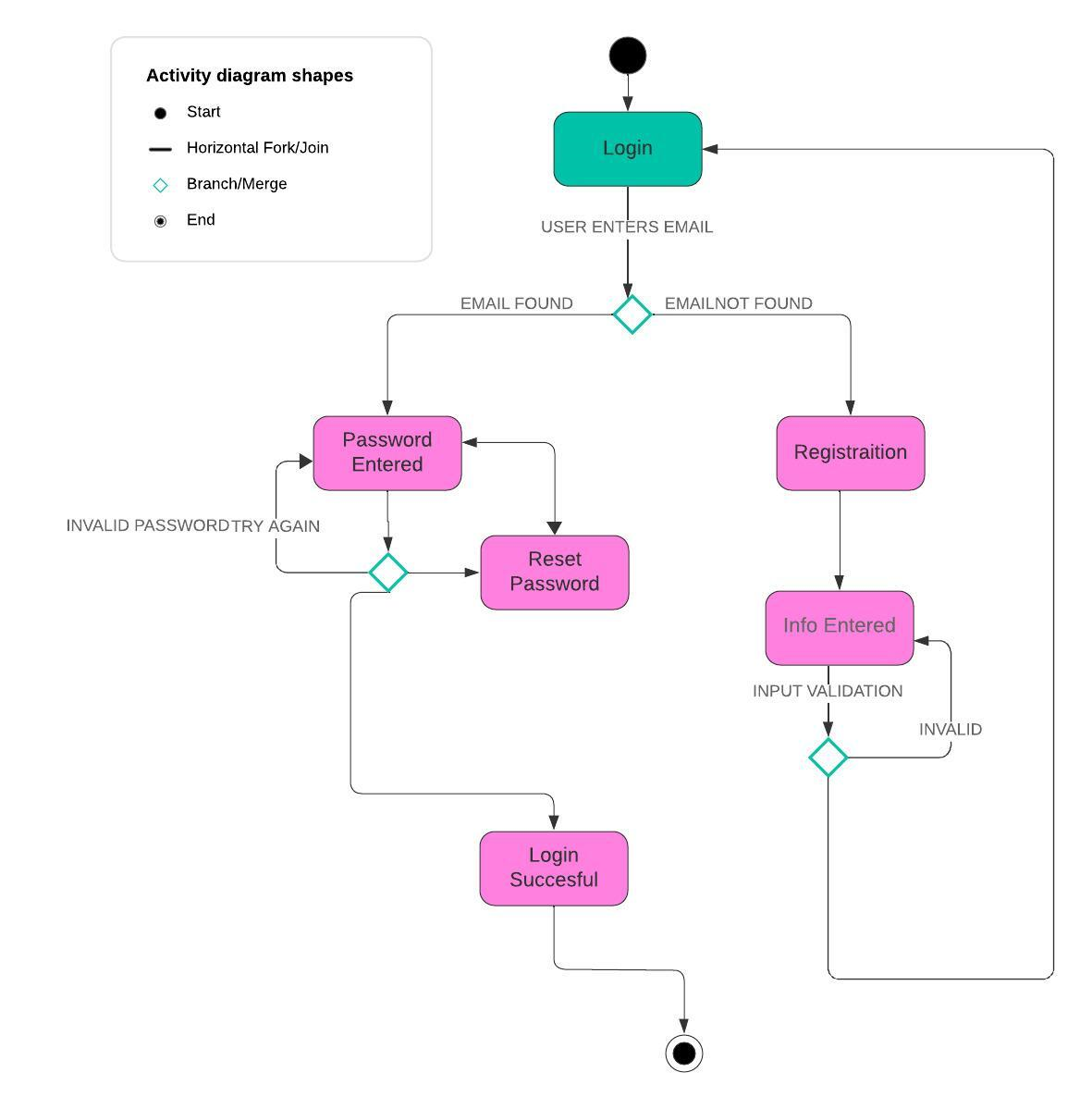
## UML Diagrams

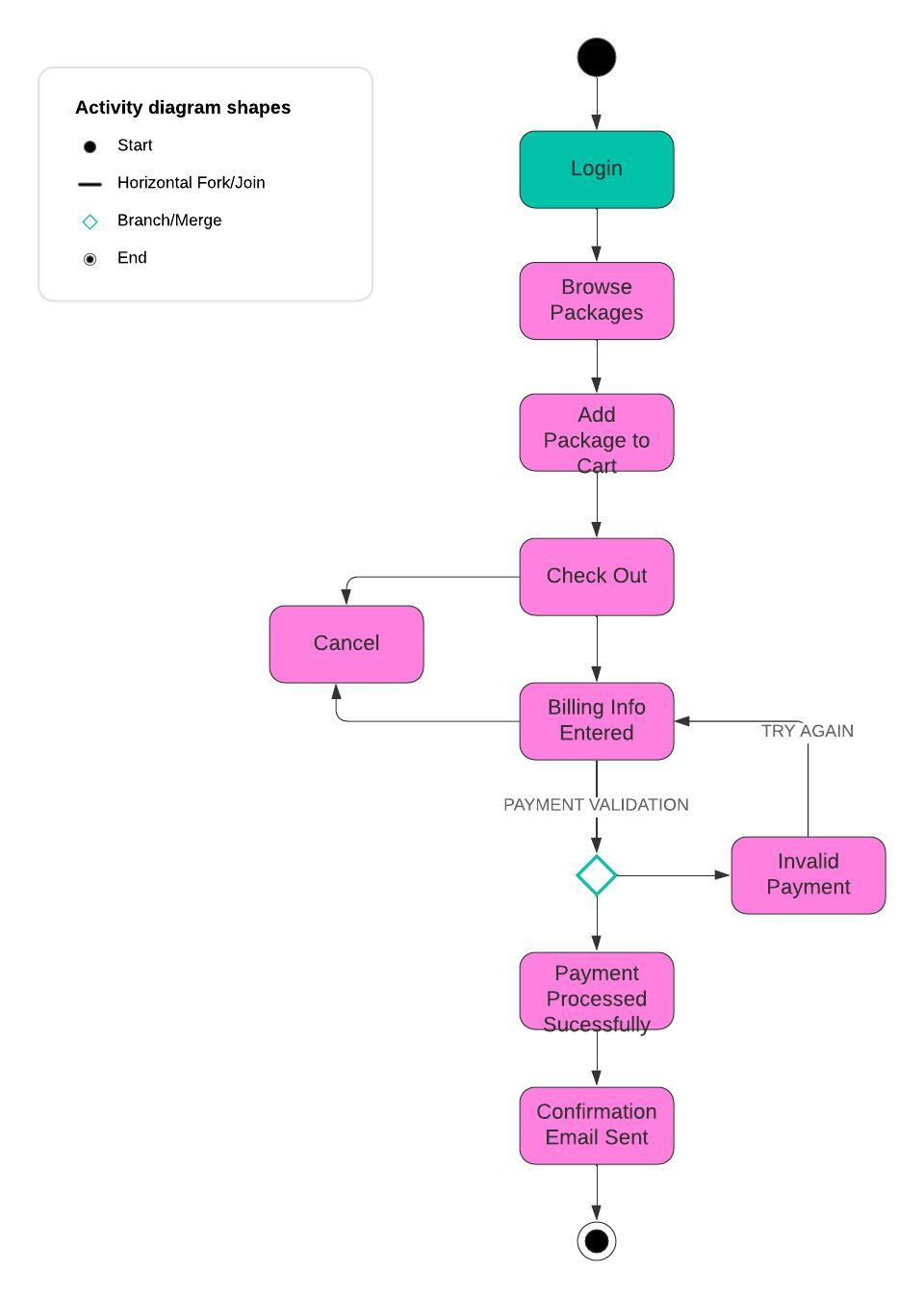
### UML Use Case Diagram

A diagram of a software

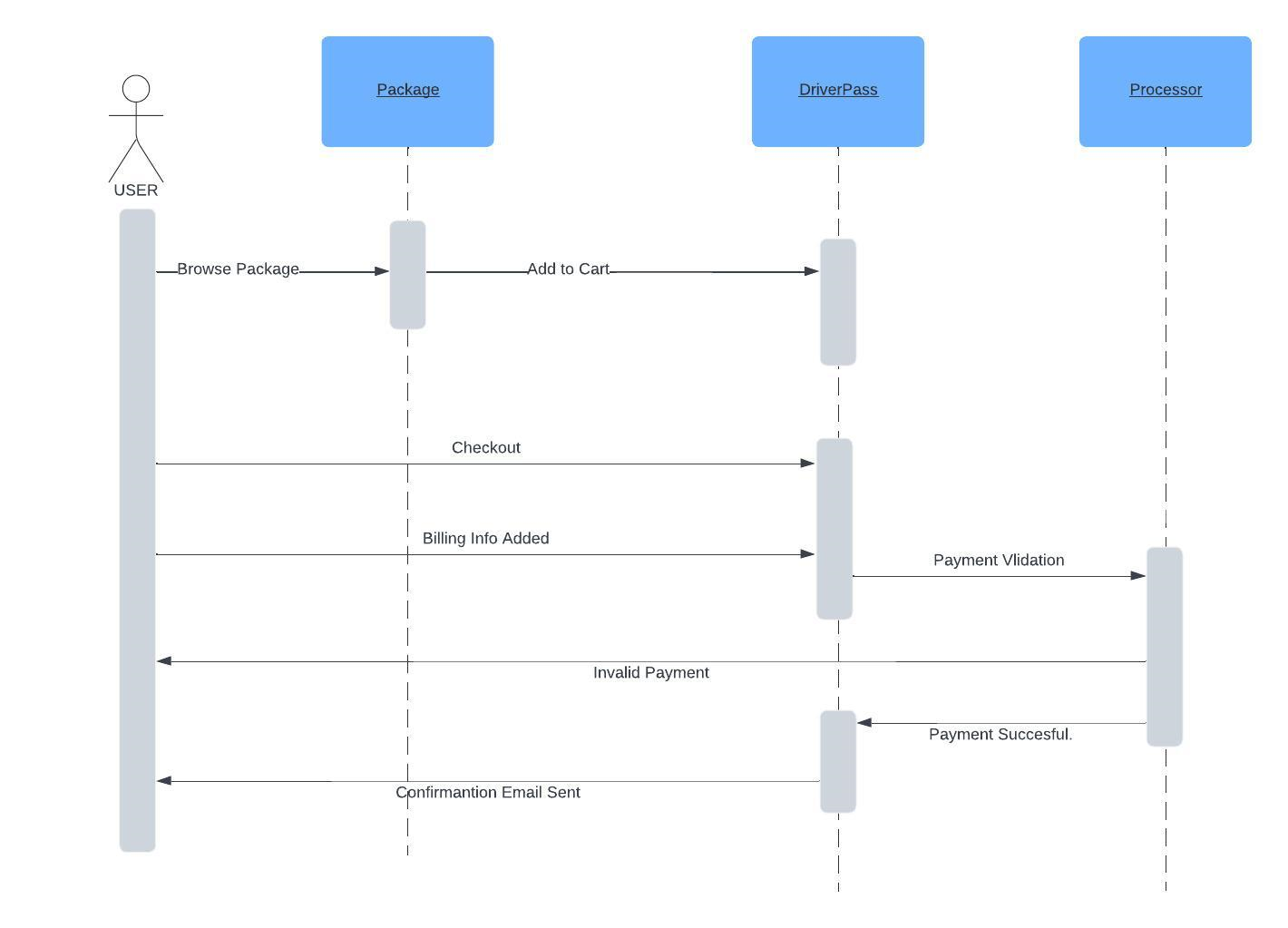
Description automatically generated

### UML Activity Diagrams

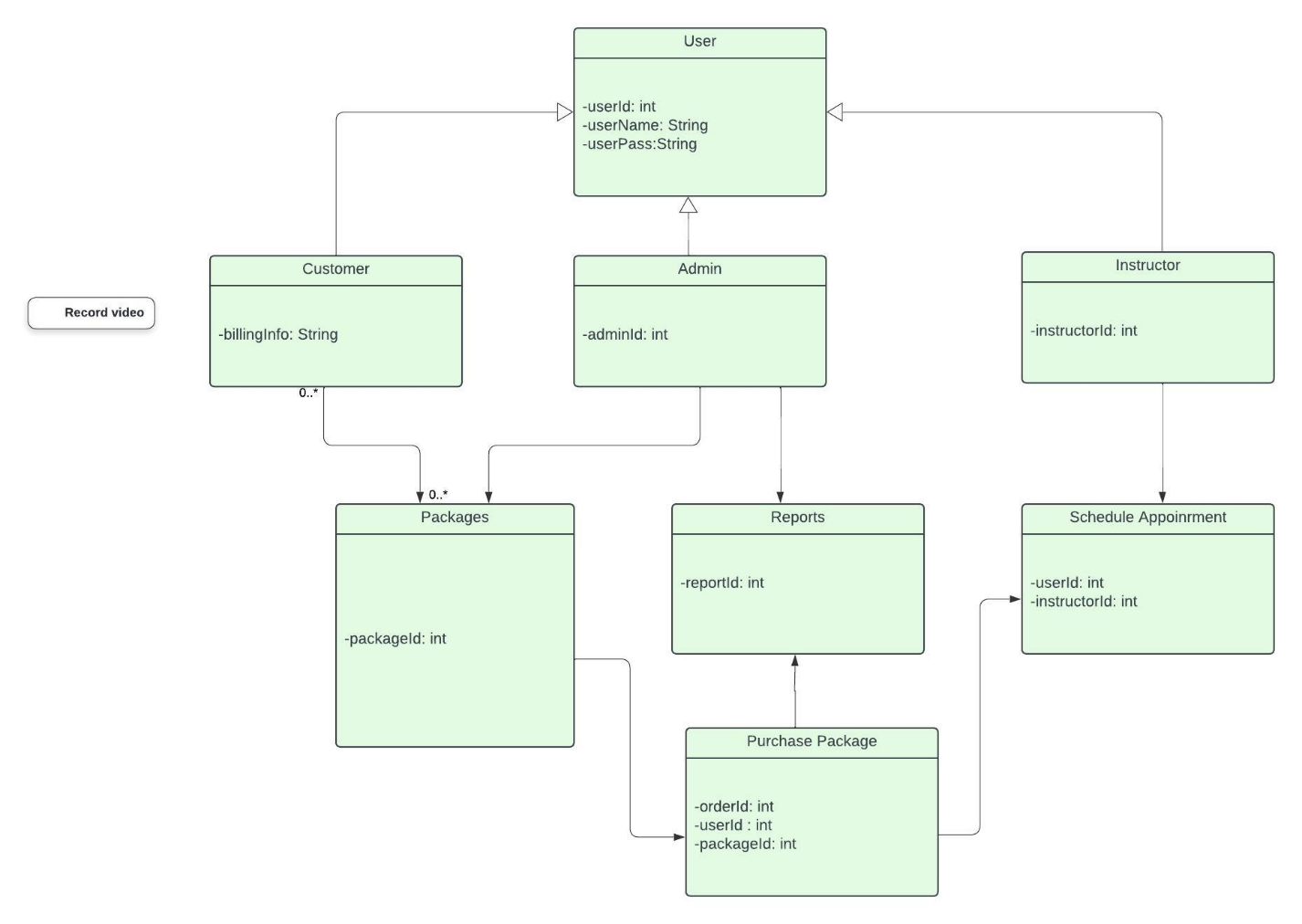
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### UML Sequence Diagram

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### UML Class Diagram

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## Technical Requirements

***Hardware Requirements****.*

*Either a dedicated server or cloud based virtual machine*

*Device to access the system. (tablet, smartphone, laptop)*

***Software Requirements***

*Operating System to run server (Linux, Windows)*

*Web Server to handle HTTP requests*

*Database (SQL Server) to store user data*

***Infrastructure Requirements***

Domain Name

SSL Certificates to encrypt sensitive information

Cloud Hosting

Backup and Recovery