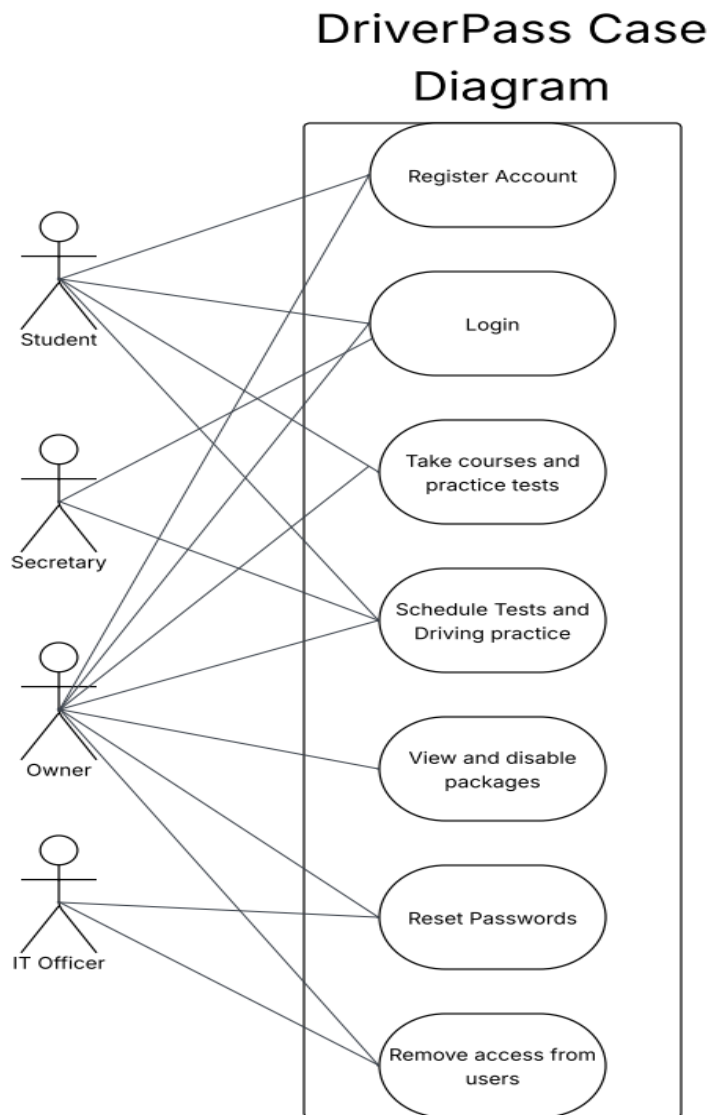


CS 255 System Design Document

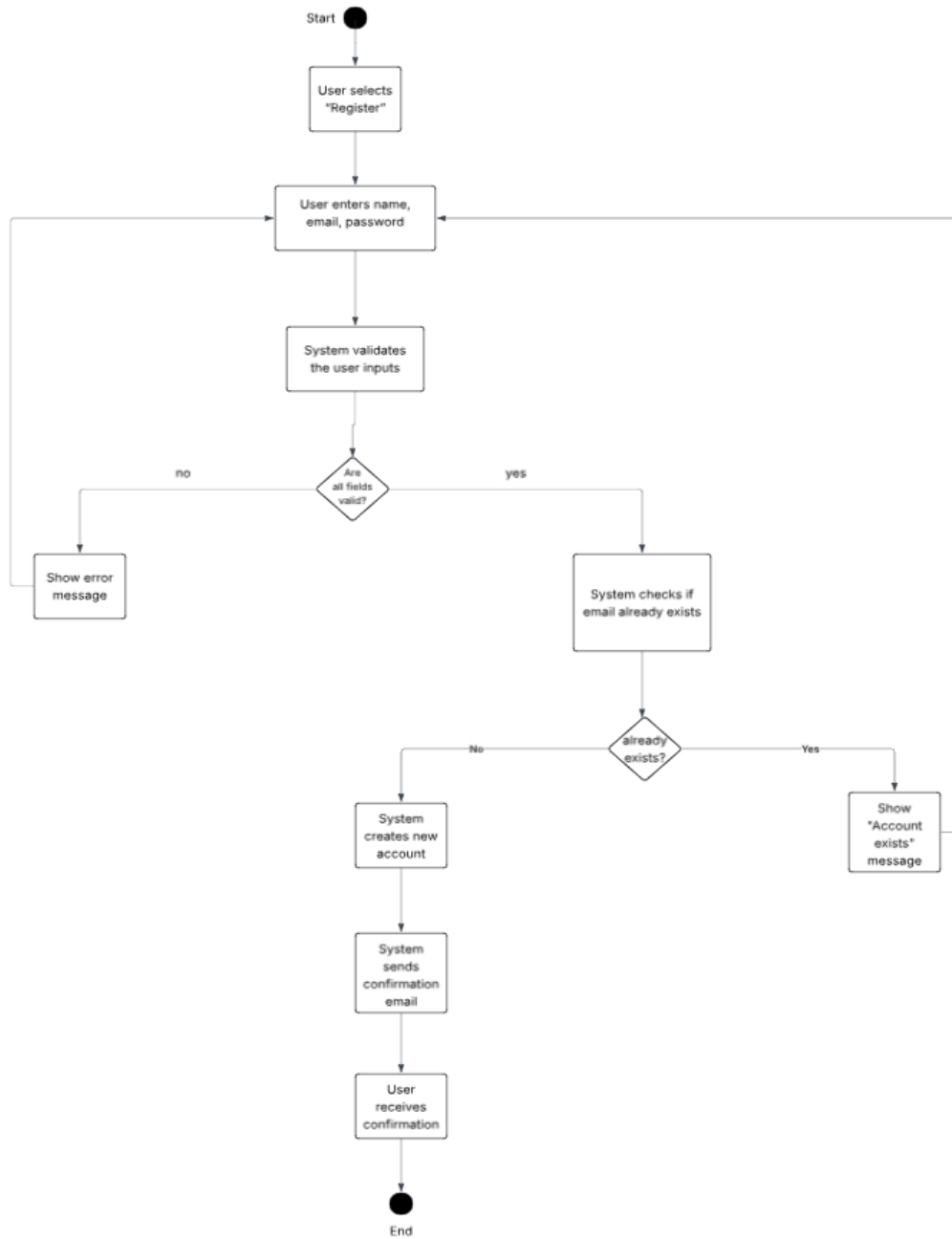
UML Diagrams

UML Use Case Diagram

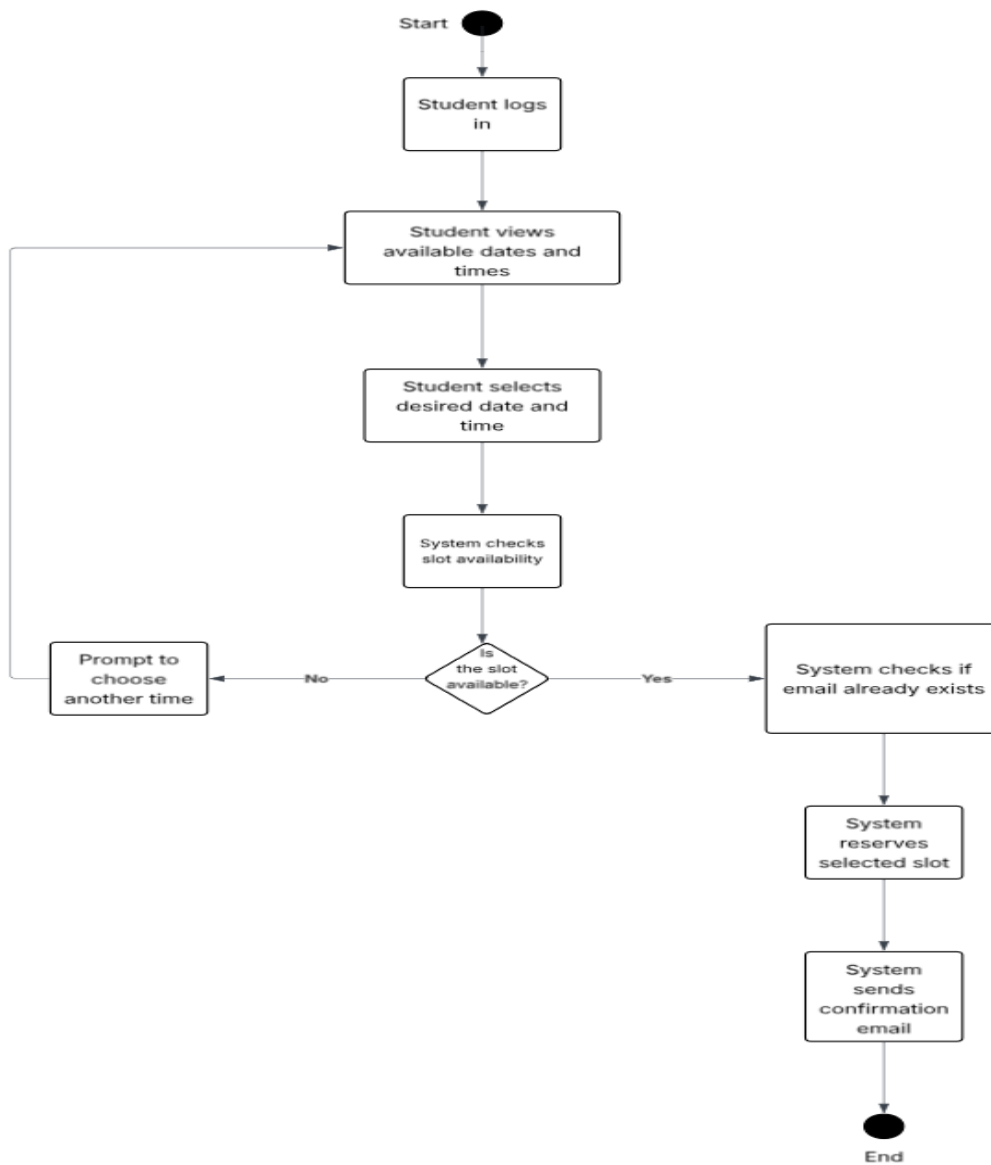


UML Activity Diagrams

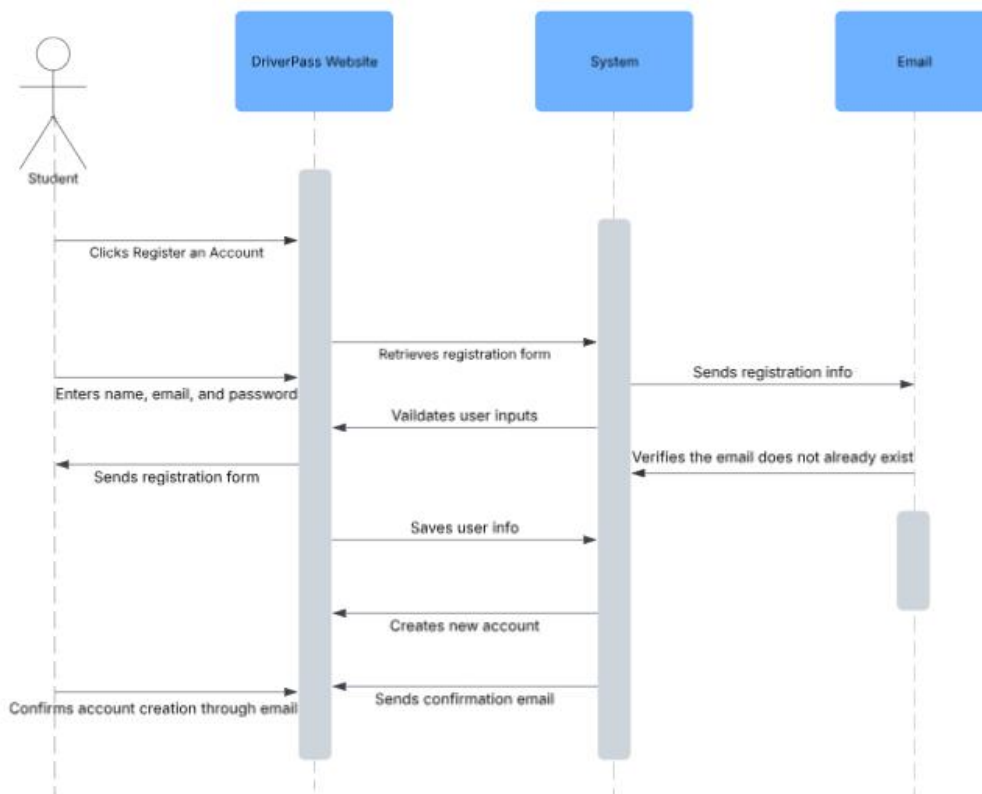
Register An Account



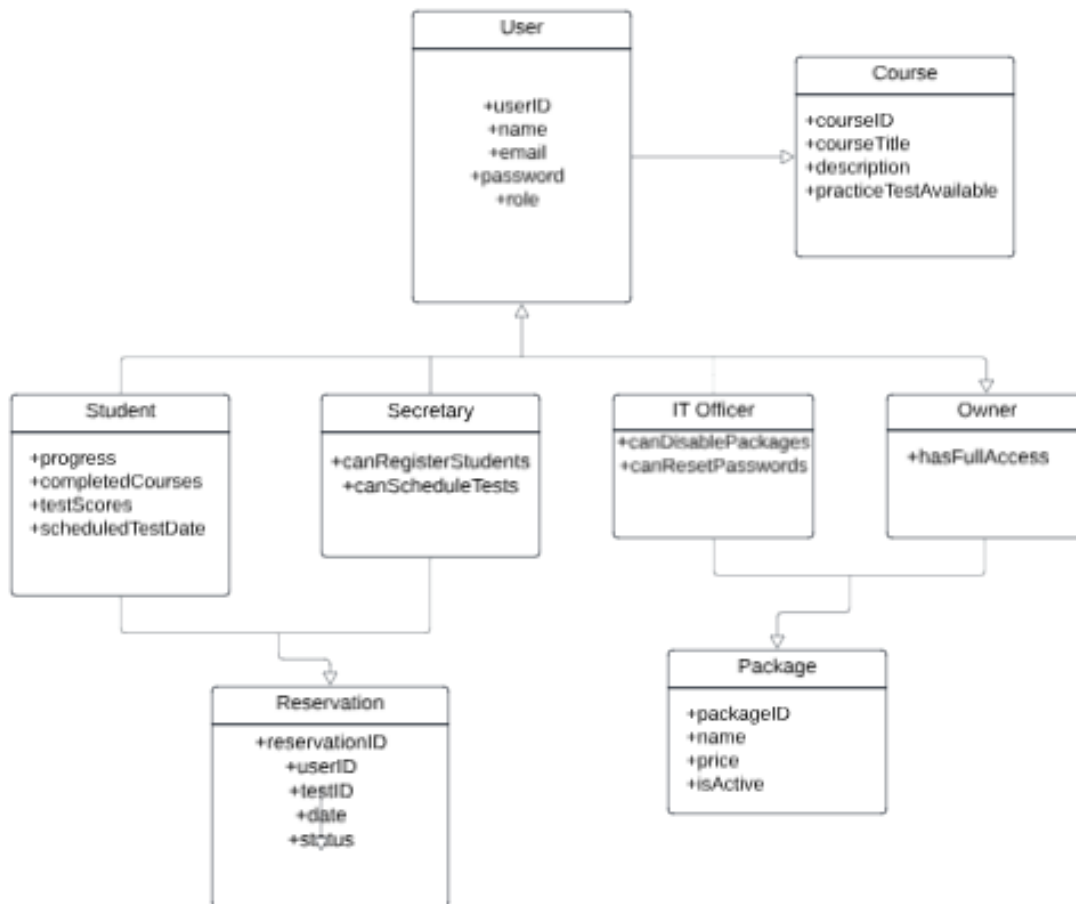
Schedule Driving Test



UML Sequence Diagram



UML Class Diagram



Technical Requirements

Hardware Requirements:

- A stable internet connection is needed to use the DriverPass system from any location
- The system will be hosted on a cloud-based server so the client does not have to worry about maintenance.
- Devices accessing the system should have sufficient storage space.
- The system must be accessible through any browser on any type of device.

Software Requirements:

- The system should run on a Windows cloud server that is compatible with Microsoft environments.
- SQL will be used to manage and store user data, reservations, test results, and package details.
- A firewall will be implemented on the server to restrict unauthorized access and protect against intrusion.
- The system will be accessible through any up to date browser.