

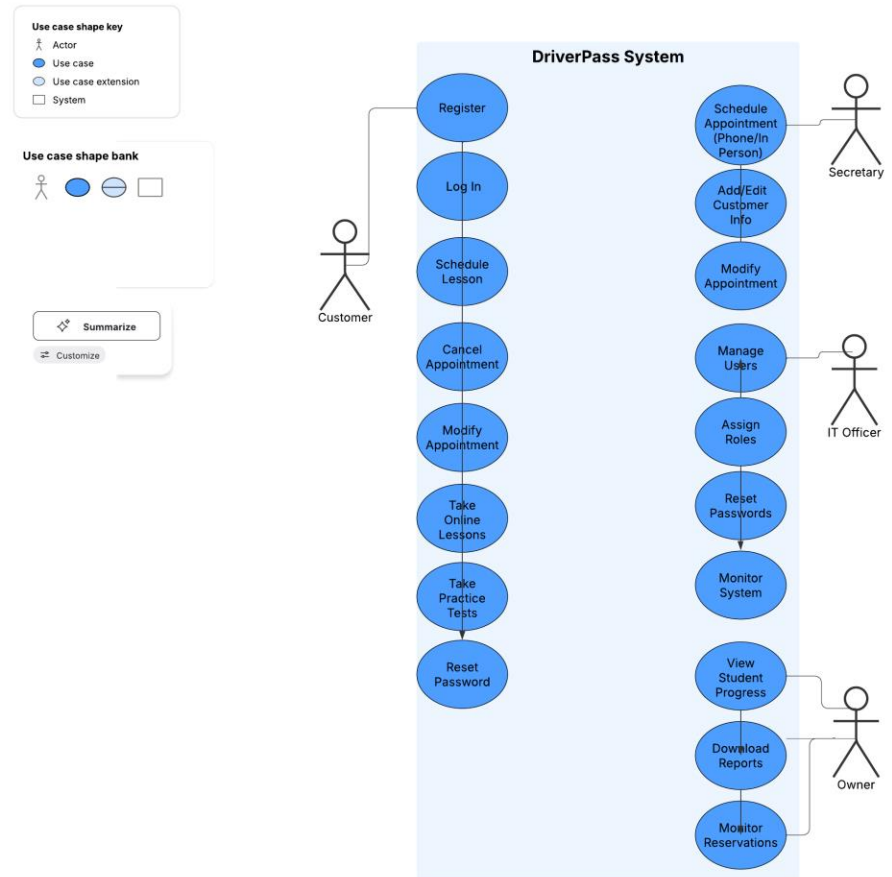
DriverPass System Design

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CS 255 Final Project

System Requirements

- Users can register, schedule, and cancel driving lessons
- Admins and secretaries can manage schedules and reservations
- Password recovery via email
- Students access online lessons and DMV practice tests

Use Case Diagram



Activity Diagram

Quick tip

UML activity diagrams

Read more about structuring UML activity diagrams here.

Lucidchart basics

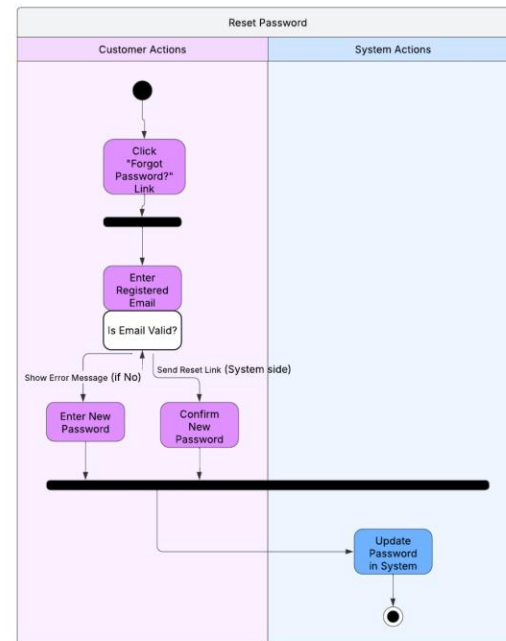
Activity diagram shape key

- Start
- Action
- Horizontal fork/Join
- Branch/Merge
- End
- Team/department name
- Team/department name

Activity diagram shape bank

Summarize

Customize



Use swim lanes to clarify which team or department is responsible for specific activities.

Security

- Encrypted password storage
- Role-based access control
- Account lockouts on failed logins
- SSL/TLS encryption for all communication

System Limitations

- Online access only (no offline use)
- Supports English only
- Password reset requires email access
- Module changes require developer support