# DriverPass System Analysis

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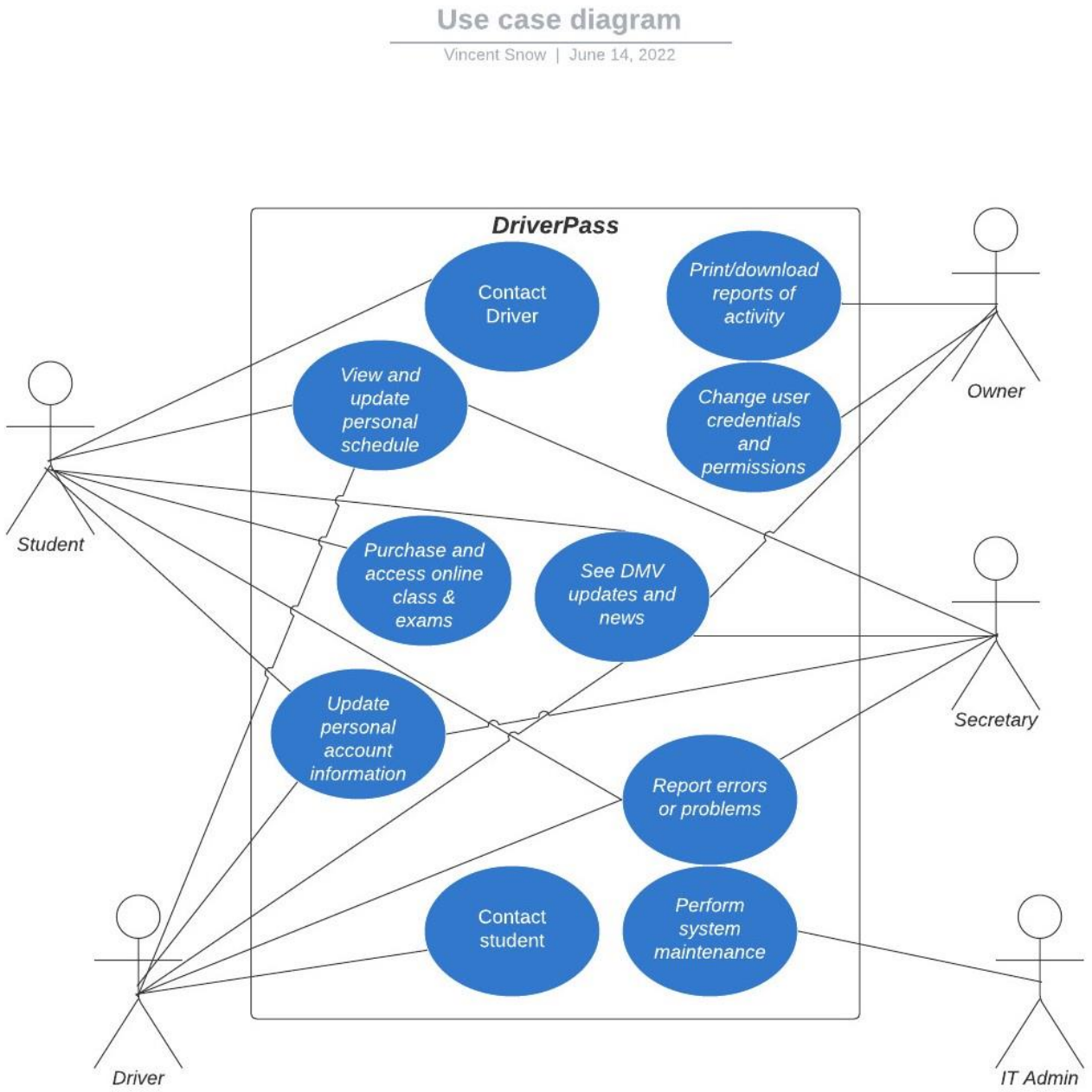
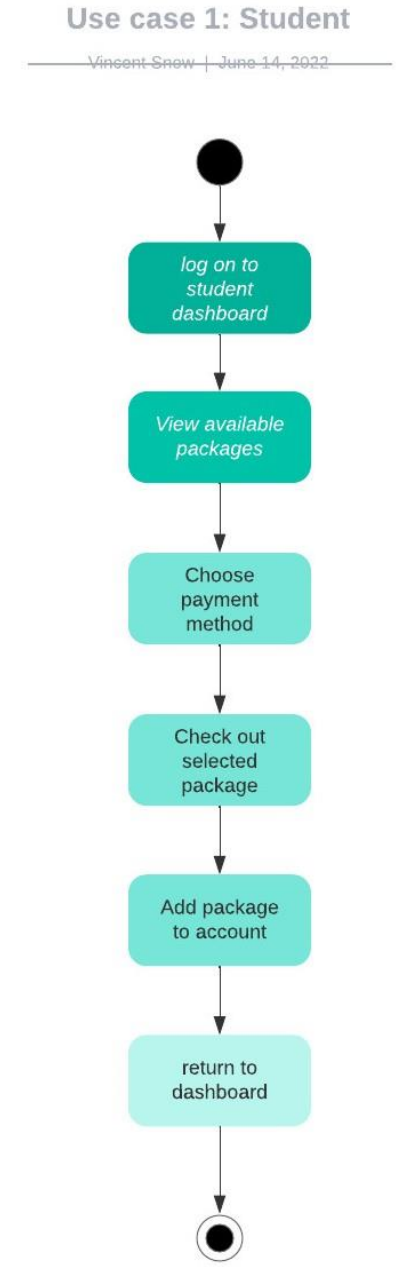
# System Requirements

- Will allow students to view class material and take practice exams
- Will allow students to make appointments for driving lessons online and secretary to edit the schedule.
- Will not require server maintenance manually by the DriverPass IT admin.
- Will be able to handle multiple users logged in at once without affecting performance.

# Use Case Diagram



# Activity Diagram



# Security

- A unique username and password are required for all users to log in.
- Passwords must be between 6-12 characters to make them difficult to guess with brute-force hacking and prevent accidental or intentional server space overloading.
- An email is required for all accounts; this will be a secure way to send a password reset confirmation if the password is forgotten.

# System Limitations

- Must fit into the budget for cloud server, database and file hosting
- Must be operable and ready to launch by the deadline
- Students must have access to the internet on a PC or tablet.