

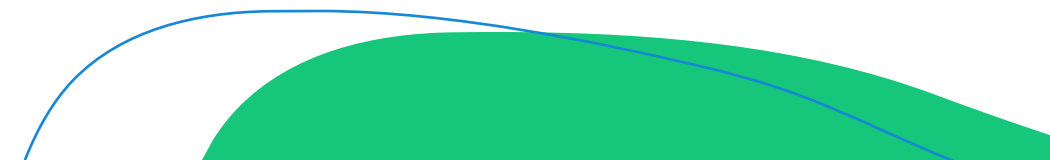
A blue watercolor-style background on the left side of the slide, with a thin purple arc curving from the top right towards the bottom left.

# DriverPass System Analysis

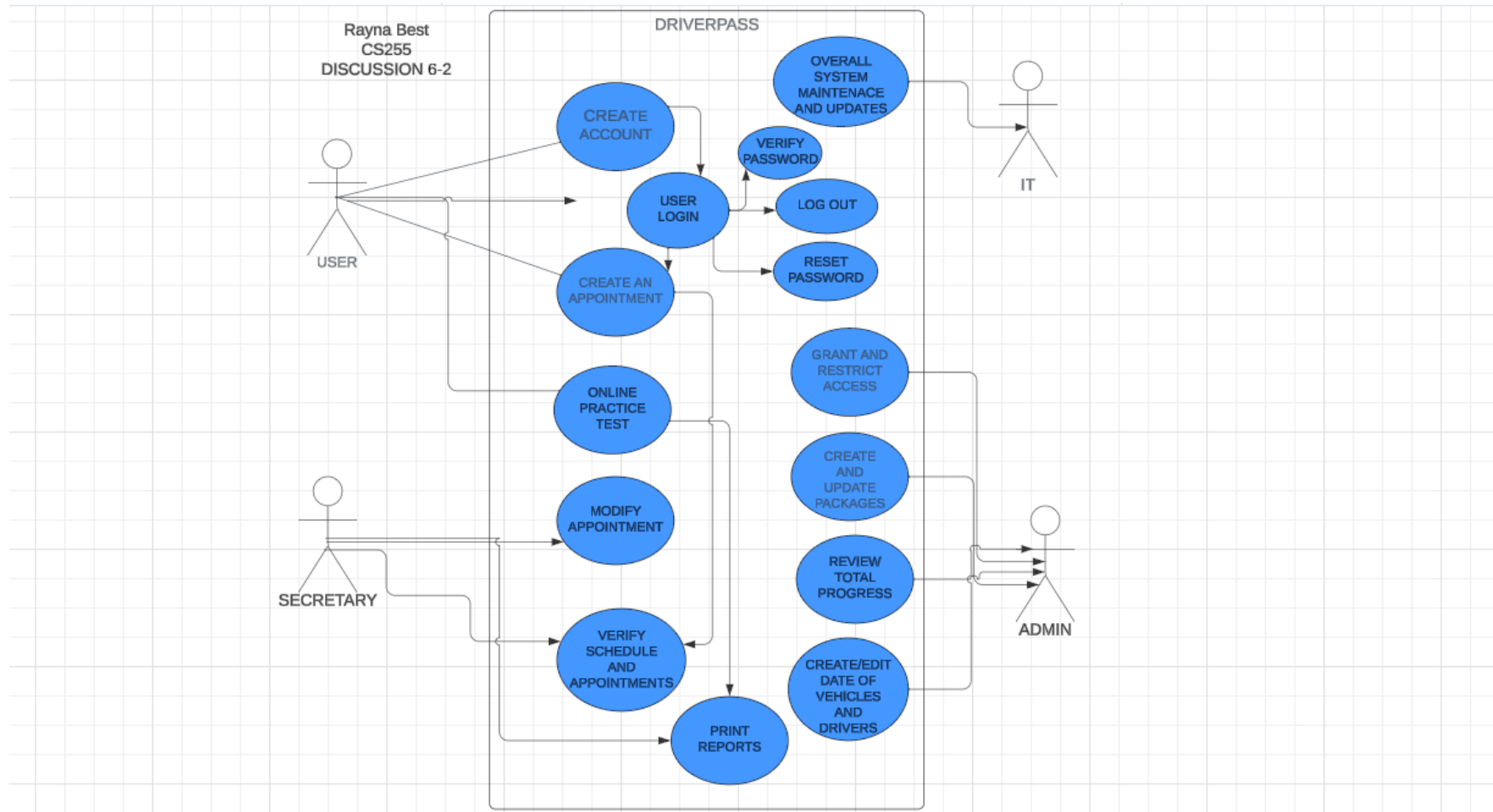
Rayna Best



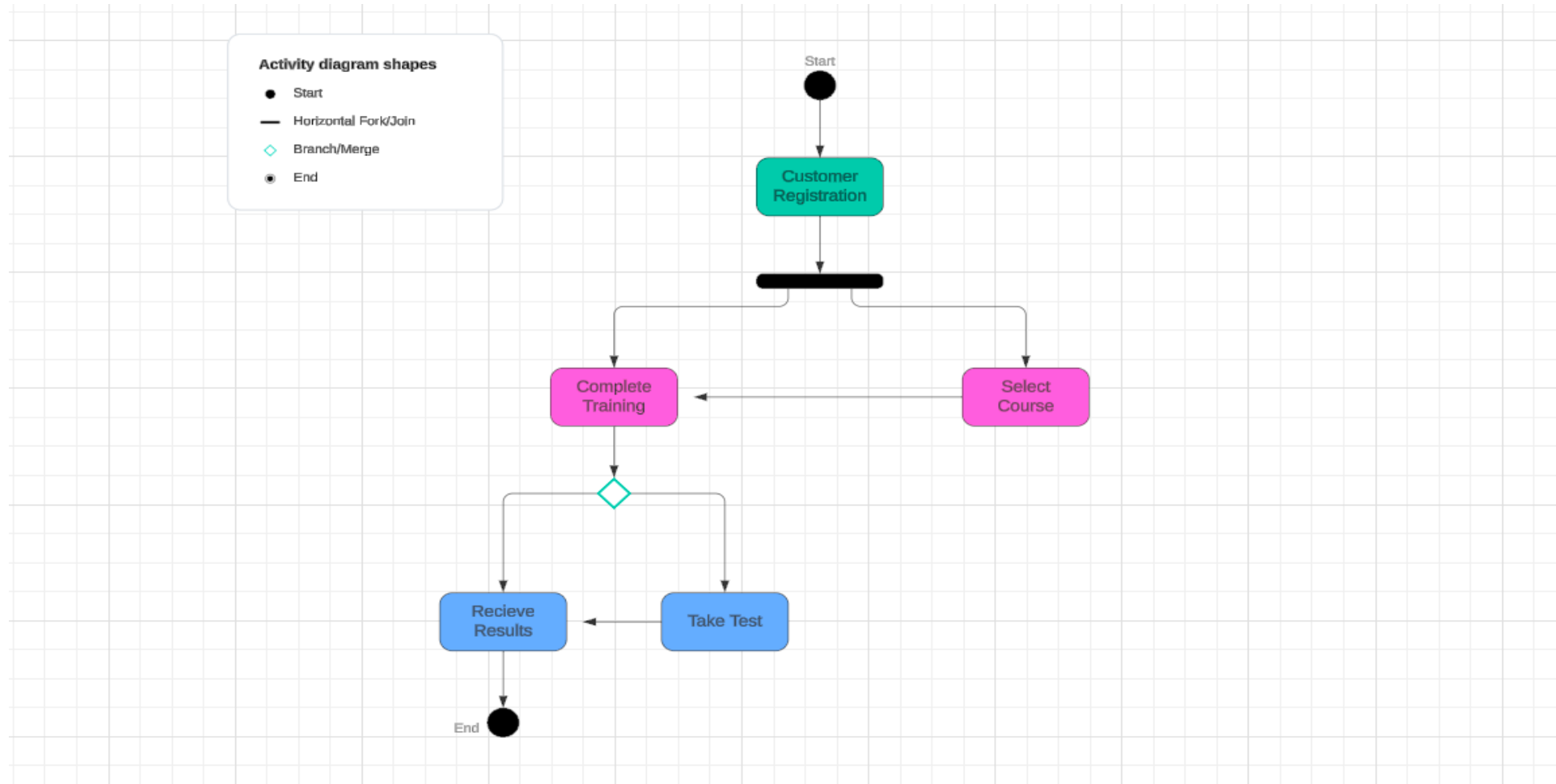
# System Requirements

- Our system's functional requirements include enabling customers to seamlessly register for online courses and schedule driving lessons. Moreover, it should efficiently monitor user progress and effectively manage test appointments.
  - In regards to nonfunctional requirements, our priority lies in ensuring reliability and usability. The system must be consistently available to accommodate our customers' needs. Additionally, it should offer an intuitive and user-friendly interface, enhancing navigation and ease of use.
- 

# Use Case Diagram

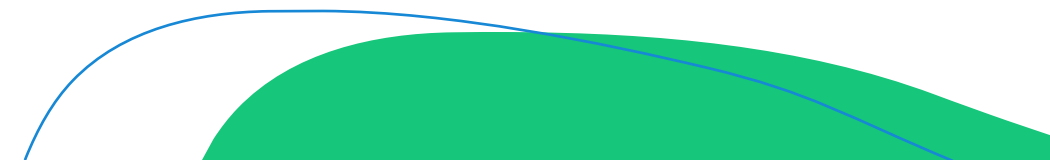


# Activity Diagram





# Security

- In terms of security, our system is fortified with several protective measures to safeguard user data.
  - To begin with, we employ robust encryption protocols to shield sensitive information, such as customer credentials and payment details, from unauthorized access. This ensures the confidentiality of data, making it inaccessible to malicious entities.
  - Furthermore, our system employs stringent user authentication mechanisms, necessitating identity verification before granting access to specific functionalities. This fortifies our defenses against unauthorized account access, thereby bolstering overall system security.
  - Additionally, we prioritize proactive security measures by regularly updating our system with the latest patches and conducting routine security audits. These actions help to identify and address potential vulnerabilities, ensuring that our system remains resilient against emerging threats.
- 



# System Limitations

- Addressing our system's limitations, it's important to note the following constraints:
  - Primarily, our system's functionality relies heavily on internet connectivity. While we make every effort to maintain consistent availability, occasional disruptions in internet service may impact the user experience.
  - Additionally, our system is interconnected with external services such as payment gateways and communication APIs. Any downtime or issues with these third-party services could temporarily affect certain functionalities within our system.
  - Despite these limitations, we remain committed to mitigating potential challenges and continuously improving the reliability and performance of our DriverPass solution.
- 