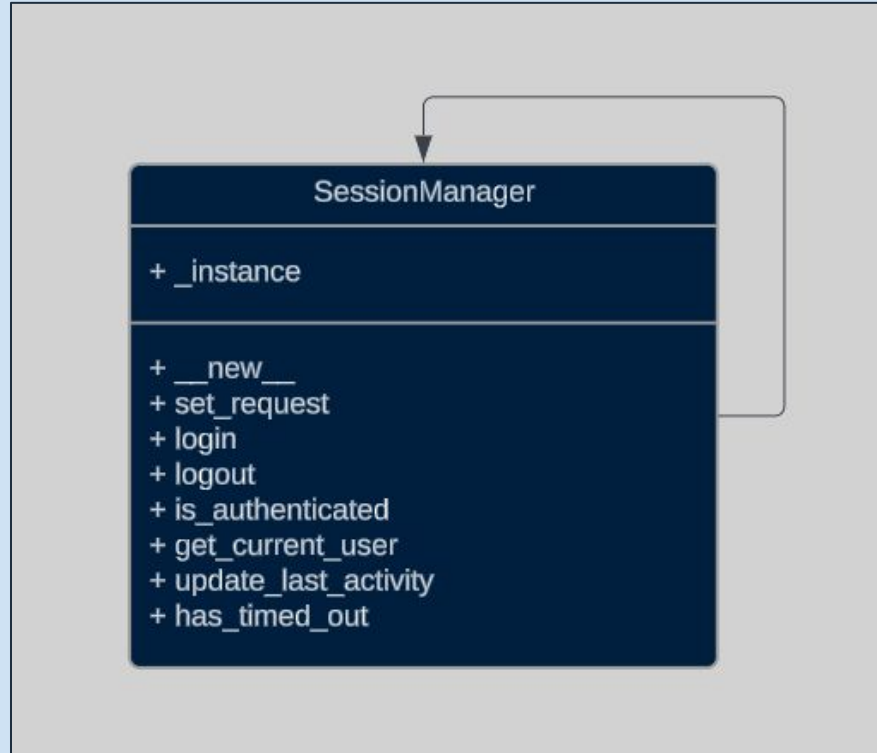




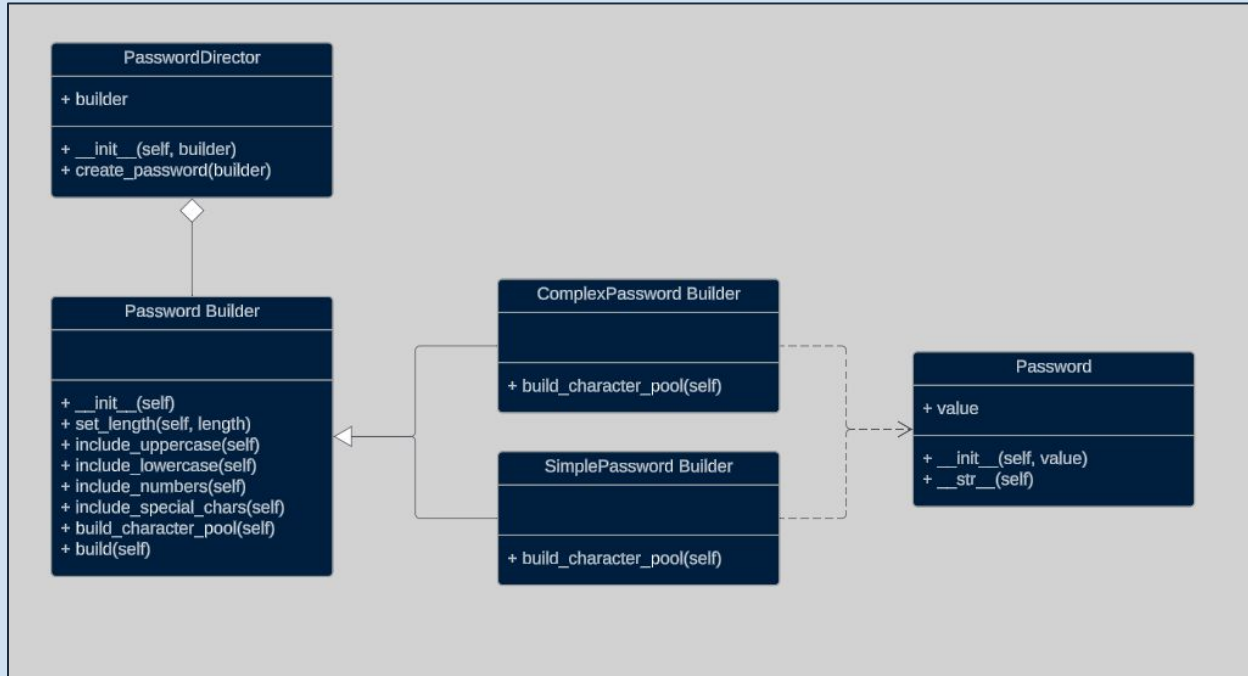
CIS 476 Term Project

Nicholas Harrison, Yuliya Wickens, Michael Sepsey

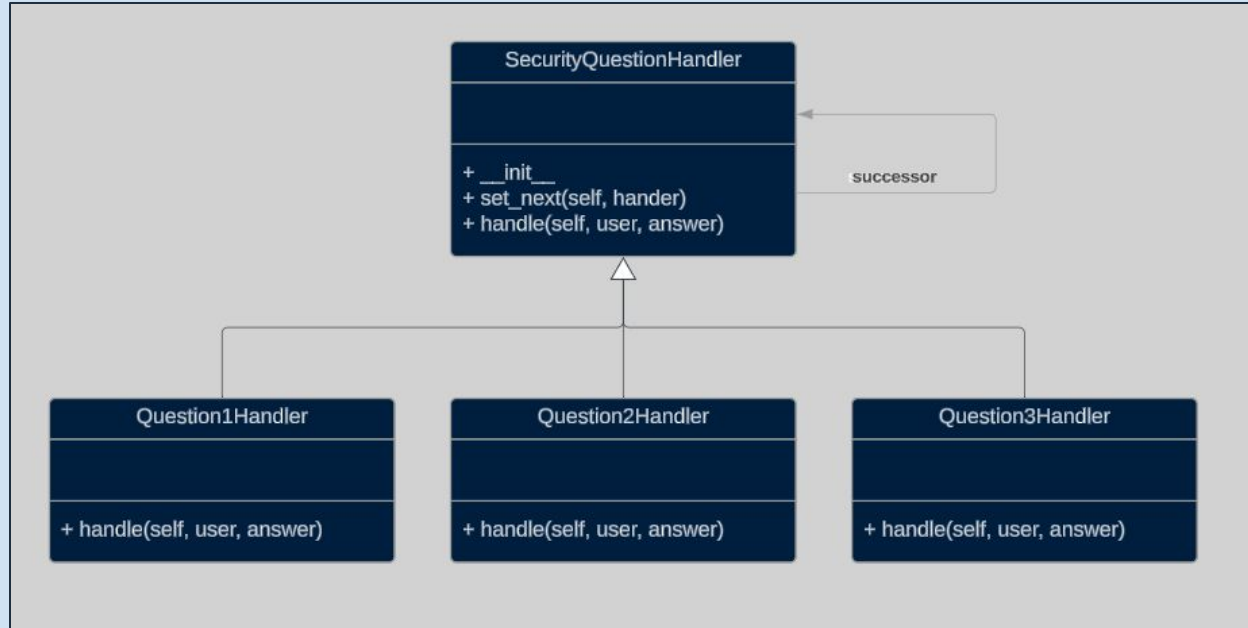
Singleton



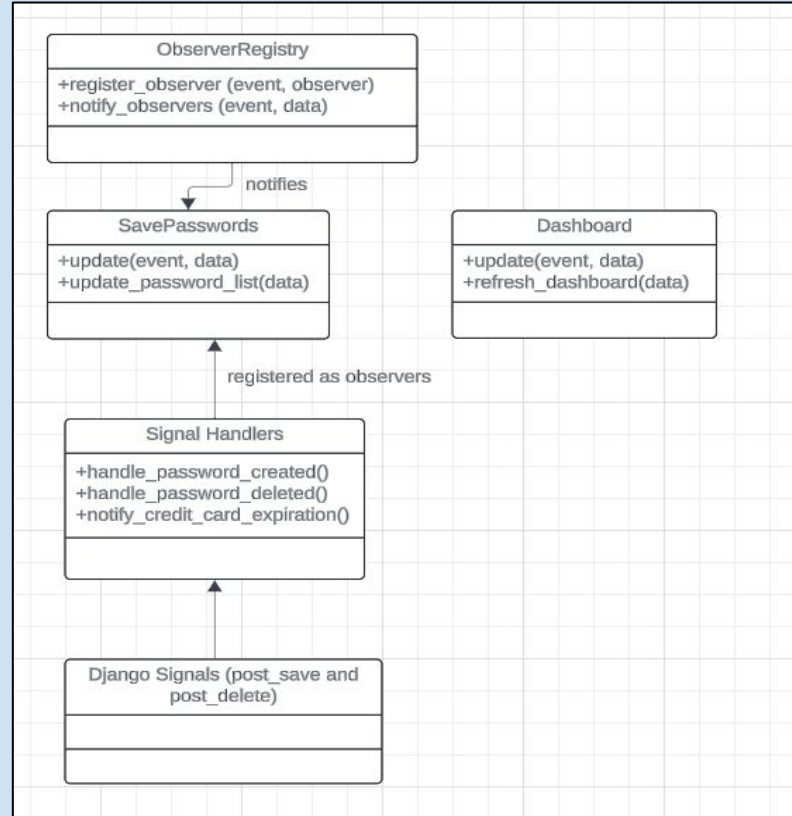
Builder



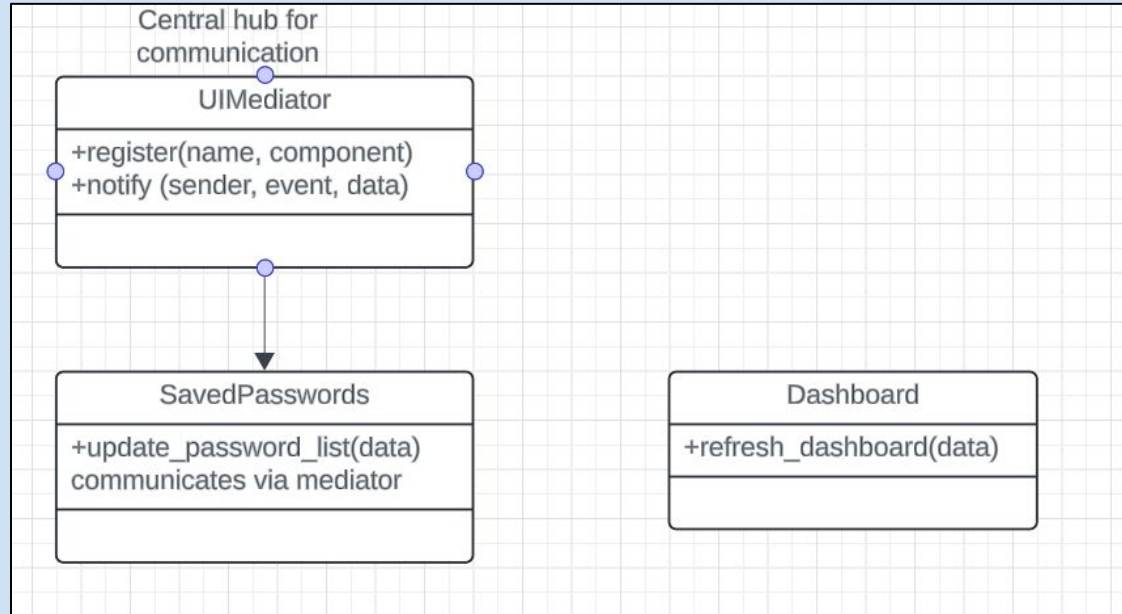
Chain of Responsibility



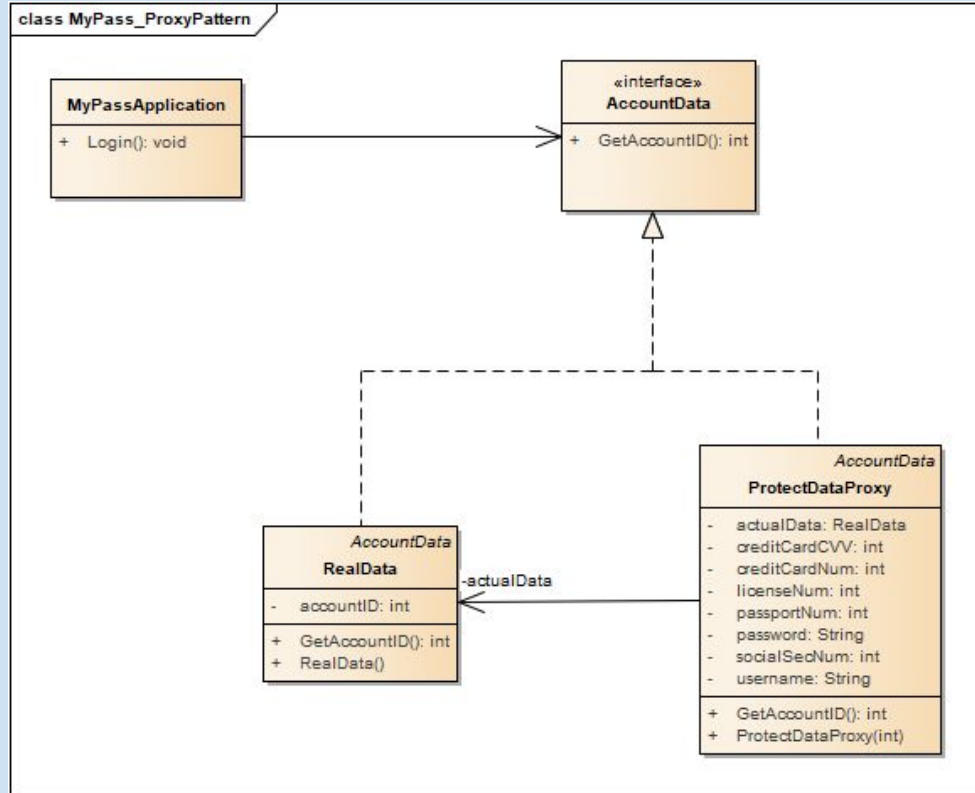
Observer



Mediator



Proxy



Tasks Completed - Nicholas Harrison

- Functionality
 - Registration
 - Login
 - Security questions
 - Password generator
 - Account auto-lock
 - Basic vault functionality
- Patterns
 - Singleton Pattern - secure session management
 - Builder Pattern - password generation
 - Chain of Responsibility Pattern - secure password recovery process

Tasks Completed - Yuliya Wickens

- Functionality
 - Weak password warning
 - Vault data types
 - Login
 - Credit Card
 - Identity
 - Secure Notes
 - Data encryption
 - Basic masking functionality
 - Vault notification warnings
 - UI components integration and element interactions
- Patterns
 - Observer Pattern - weak passwords and card/license expirations
 - Mediator Pattern - communication between UI elements

Tasks Completed - Michael Sepsey

- Functionality
 - Groundwork for copying sensitive data to clipboard
- Patterns
 - UML Class Diagram for Proxy Pattern (Masking and unmasking sensitive data)

NOTE: Something came up at Michael's end unexpectedly that he must endure, so he couldn't complete the remaining functionality requirements for implementing the Proxy pattern



MYPASS