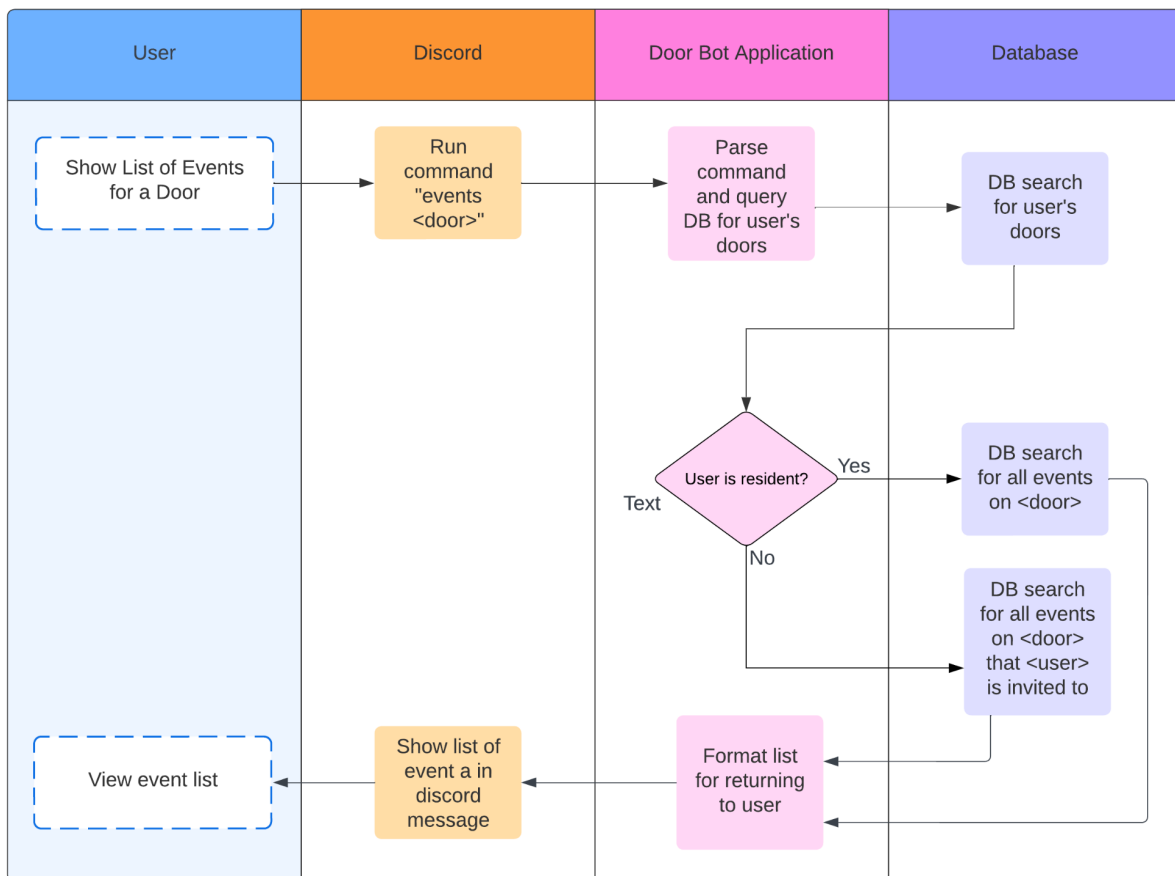


CSC 440 (001) Database Management Systems - Swimlanes

Team Chupacabra

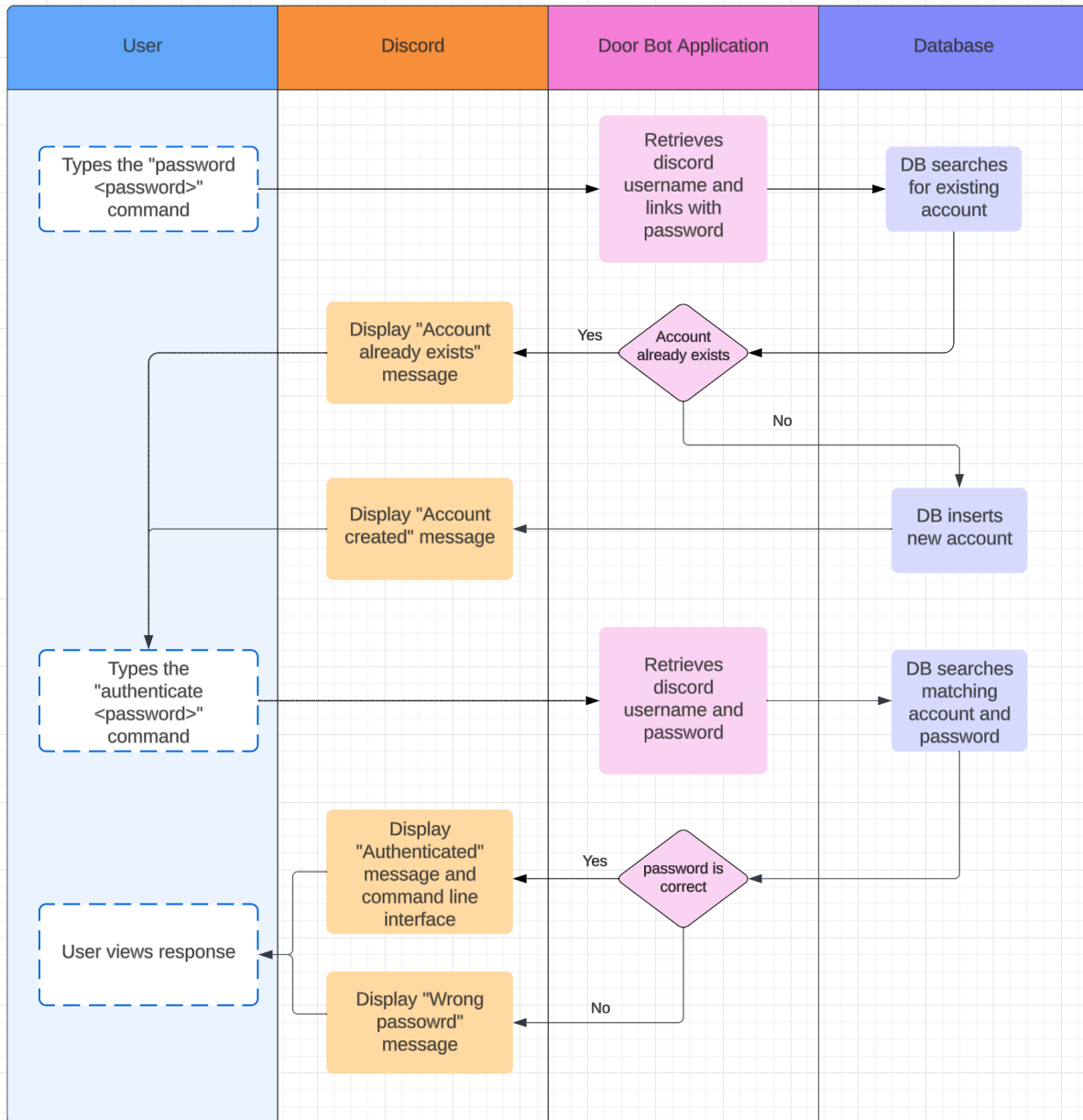
Caleb Rollins , Matthew Welker , Finn Bacheldor , Alex Hill , Jakari Robinson

List Events for a Door



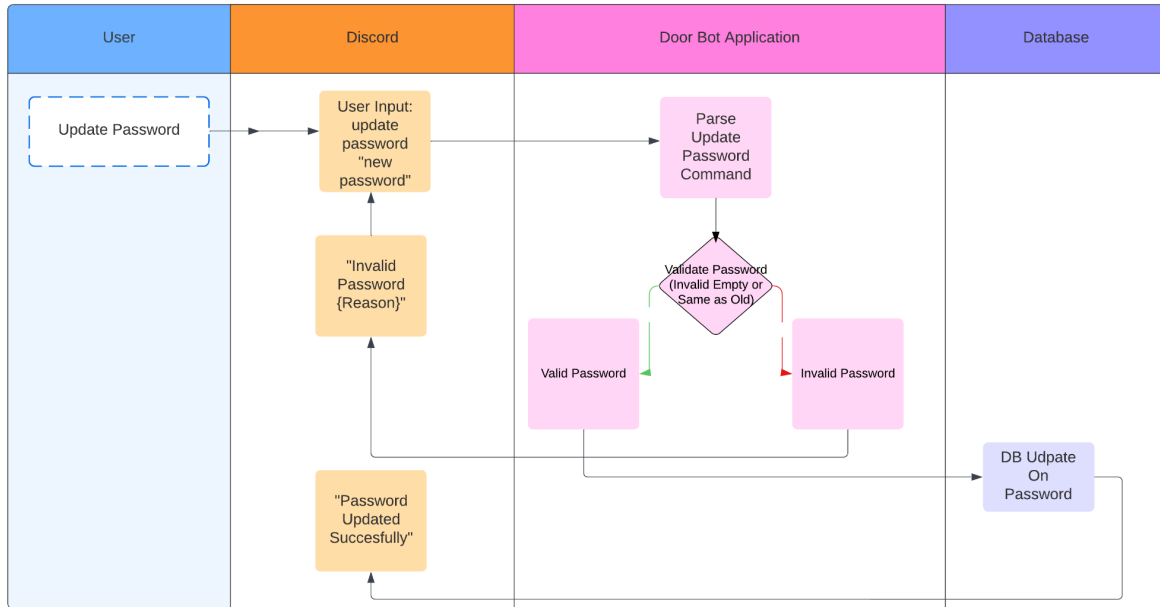
Users can run a command to see what events are available for a door. If they are a resident, they can see all events for that door. Otherwise, they can only see events they are invited to.

Account creation and authentication



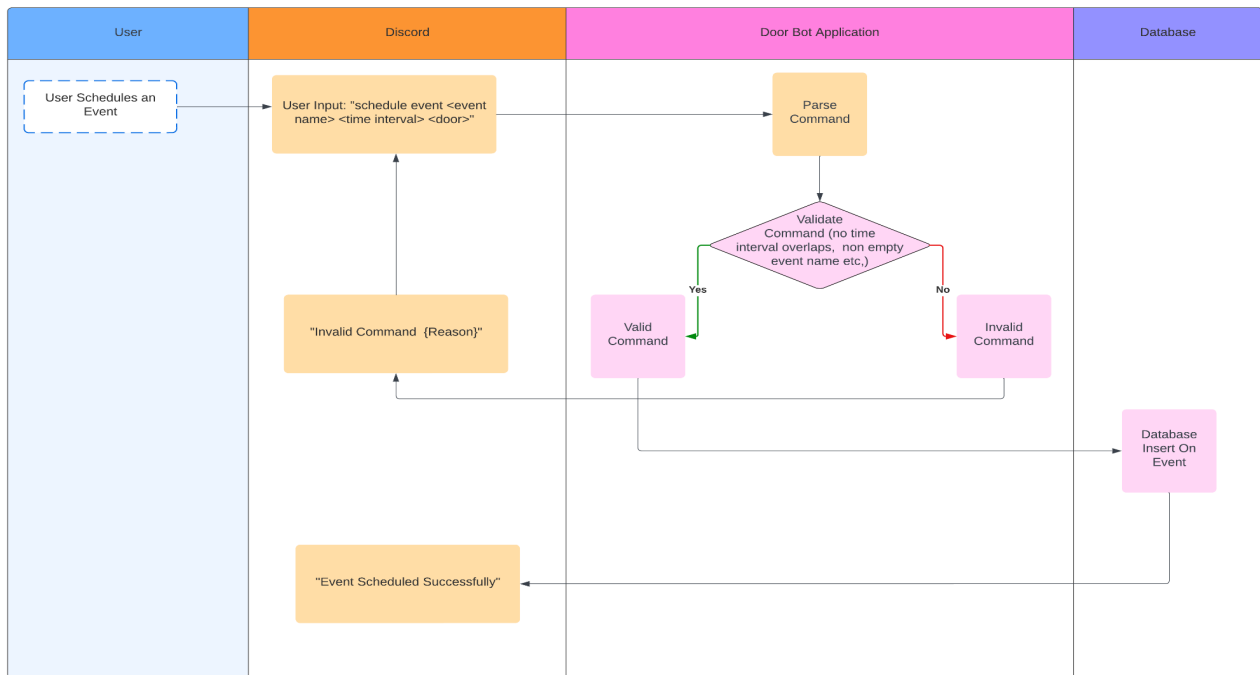
The user first tries to use the password command. If the username is already registered with an account the user is notified appropriately, otherwise a new account is created. To authenticate the user types in the "authenticate <password>" command which checks if the password is correct then displays the command line interface if correct or the "Wrong password" message is incorrect.

Update Password Swinlane



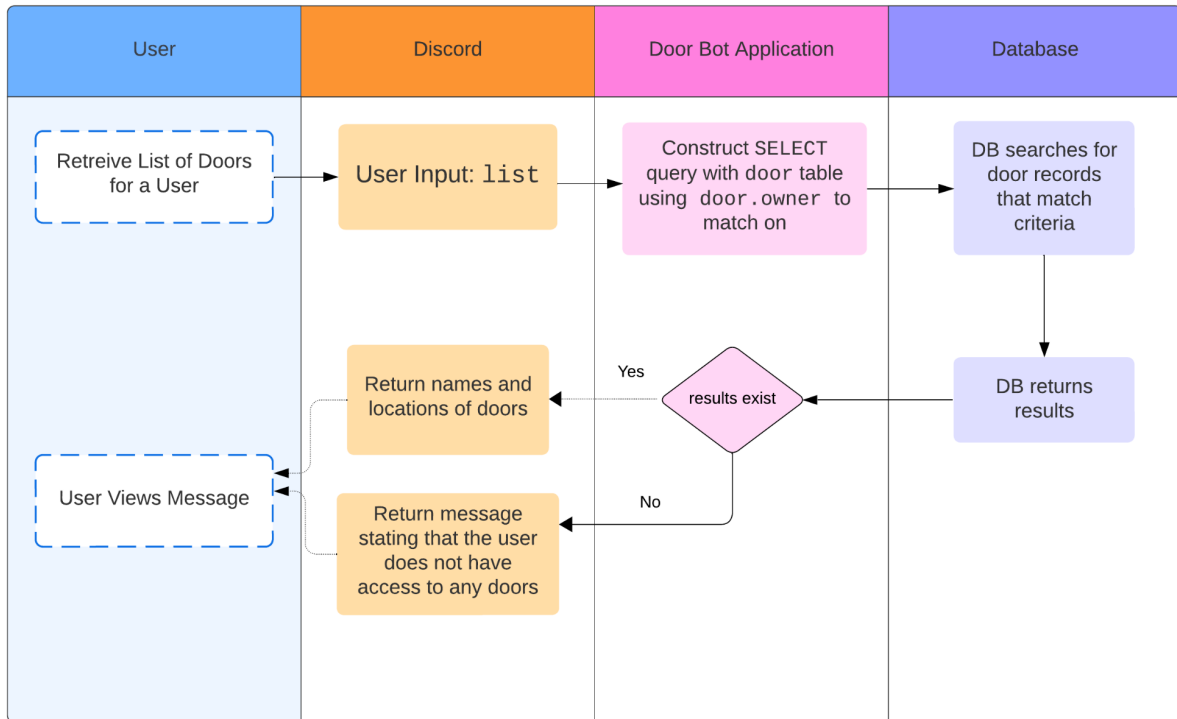
Updates the user's associated password for their account and checks that the password is valid.

Schedule Event Swimlane



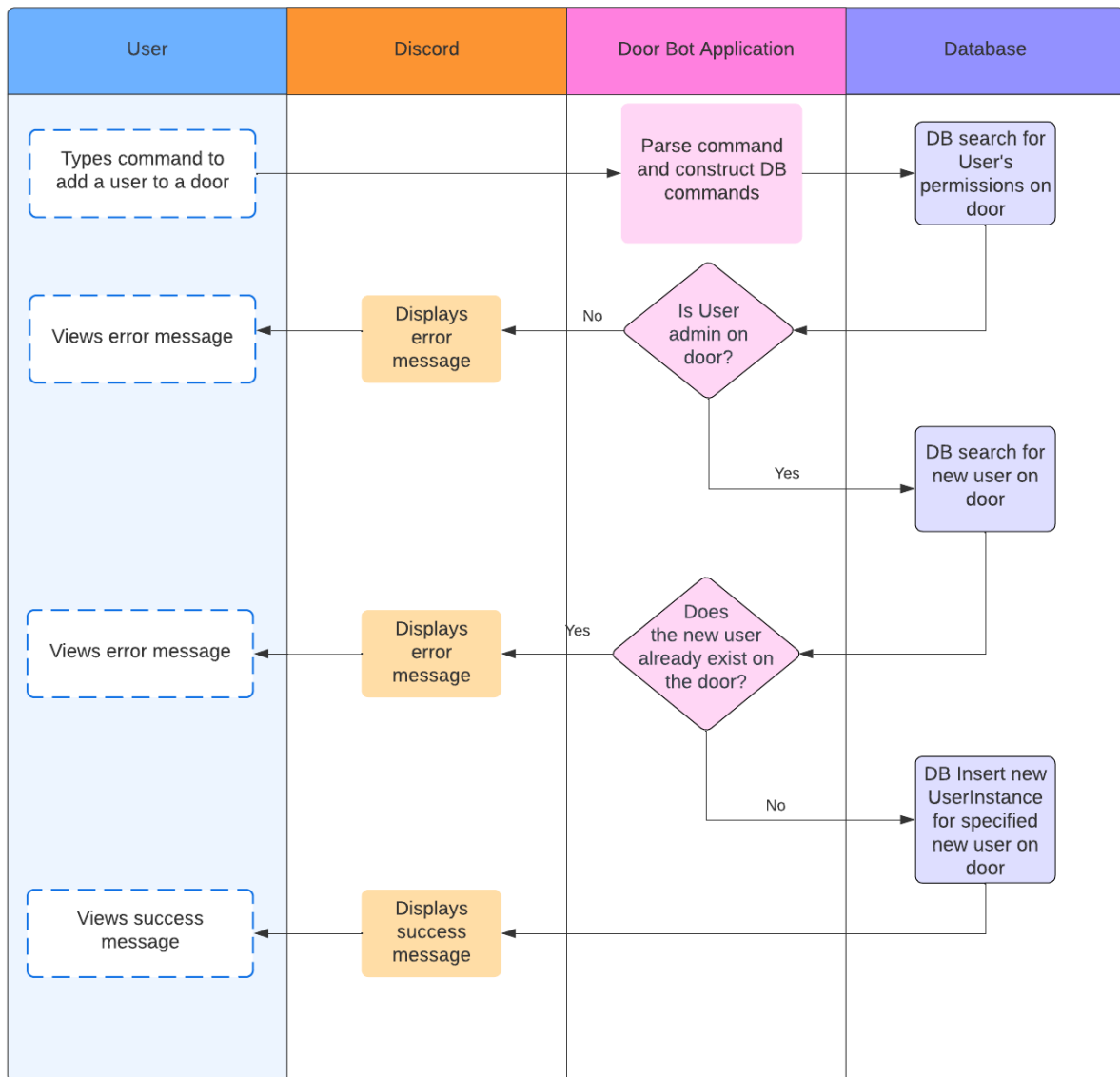
Schedules a door event (when a door should be opened and why) for an associated user validating the event parameters before insertion. Only owners of the specified door can schedule an event.

List Doors that a User can access



Swimlane for when a user wants to see which doors they have access to open. For this operation, they will have to be authenticated and ideally given access by an administrator to at least one door. This operation searches for door records that have an owner equal to the user.

Add User To Door



Swimlane for the process of adding a user to a door. The command requires admin privileges on the specified door and requires that the user to add does not already exist as a UserInstance tied to the specified door.