USE CASE: Veronica Elisa Martinez Contreras

USE CASE: Client Account Access and Management

ACTORS : Customer   **Mode:** Online

OBJECTIVES : To allow users to log in or register for a personal user area within the application.

RULES OF INITIATION:

1. Users must possess a registered account or create one to access the application.
2. The application must be installed and have an active internet connection.

DESCRIPTION OF THE MAIN SCENARIO:

Actor	System
1.Open the application.	
2. For Login: • Select the "Login" option. • Enter email and password. • Submits the credentials.	• Verifies and authenticates the user's entered details. • Grants access to the user area upon successful authentication.
3. For Register: • Choose the "Register" option. • Fills out the registration form with personal and contact information. • Submits the registration details.	• Verifies the uniqueness of the provided email. • Stores the user's information upon successful validation.

RULES OF TERMINATION:

- Successful Login: The customer successfully logs into the application and gains access to their account.
- Failed Login Attempts: If the customer enters invalid credentials, there may be a rule for a limited number of failed login attempts before temporarily locking the account.
- Account Lockout: If the customer exceeds the allowed number of failed login attempts, the account may be temporarily locked for security purposes.
- Password Reset: In case the customer forgets their password, there may be a rule for initiating a password reset process.

ALTERNATIVE CASES

- If the user forgets their password, they can initiate a password reset by selecting "Forgot my password."

- For user assistance, options like "Help" or "Support" are available within the application.

ADDITIONAL REQUIREMENTS:

1. The system must maintain secure encryption for storing user credentials.
2. User data must be stored securely to prevent unauthorized access.
3. User interface design should ensure ease of navigation and user-friendly interactions.
4. The application should send confirmation messages upon successful registration or password reset.

MESSAGES:

1. "Invalid credentials. Please try again."
2. "This email is already registered."
3. "Error connecting to the database."