USE CASE: Javier de Jesus Alcantara Perez

|USE CASE: Add New Client

    ACTORS : User, System   **Mode:** Online

    OBJECTIVES :To add a new client to the database.

    RULES OF INITIATION:

1. The system expects valid client details from the user before proceeding with the addition.

DESCRIPTION OF THE MAIN SCENARIO:

Actor	System
1. Initiation: The user starts the process by accessing the system interface designed for adding a new client.	The system presents a comprehensive interface for order detail management with options to create, modify, delete, or retrieve order details.
2. Client Details Input: The user provides comprehensive and accurate details of the new client, including email, password, first name, last name, and phone number.	Validation and Insertion: The system validates the provided client details for completeness and accuracy.
3. Confirmation: After entering the client details, the user signals to the system that all information has been provided correctly and is ready for insertion.	Insertion into Database: Upon successful validation, the system securely inserts the new client's information into the database.

RULES OF TERMINATION:

- Success Message: The system confirms the successful addition of the new client into the database and displays a success message to the user.
- Error Handling: If any issues occur during validation or insertion (e.g., incomplete details, database connection problems, or insertion failures), the system prompts the user with an appropriate error message and guidance on resolving the issue.

ALTERNATIVE CASES

- Invalid or Incomplete Details: If the user provides incomplete or invalid client details, the system prompts the user to re-enter the missing or correct information before proceeding with the insertion.

- Database Connection Issues: In case of any issues with the database connection or if the insertion process fails due to unforeseen errors, the system alerts the user about the problem and advises them to check the connection or retry the operation.

ADDITIONAL REQUIREMENTS

- Ensuring the user provides complete and accurate client details for successful insertion.
- Implementing robust error handling to manage various error scenarios during the insertion process.
- Prioritizing secure and safe data entry into the database.

MESSAGES:

- Success Message: "New client added successfully."
- Error Message: "Failed to add the new client. Please ensure valid and complete client details are provided and try again."