

## USE CASE: Javier de Jesus Alcantara Perez

### USE CASE: Delete Client by ID

**ACTORS** : User, System

**Mode:** Online

**OBJECTIVES** :To remove a client from the database based on their provided ID.

#### RULES OF INITIATION:

1. The system anticipates receiving a valid client ID input from the user.

#### DESCRIPTION OF THE MAIN SCENARIO:

Actor	System
1. Initiates the deletion process by providing a client ID to delete a specific client.	Receives the client ID for deletion from the user.
2. Confirms the deletion request of the identified client.	<ul style="list-style-type: none"><li>• Executes a SQL delete command to remove the client associated with the given ID from the database.</li><li>• Verifies the successful deletion of the client entry.</li></ul>

#### RULES OF TERMINATION:

- Successful Deletion:

Displays a confirmation message indicating successful client deletion.

- Error Handling:

If the system encounters an issue during deletion (e.g., invalid ID, database connection error), an error message is displayed.

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#### ALTERNATIVE CASES

Invalid Client ID:

- If the provided client ID is invalid or not found in the database, the system prompts the user to enter a valid client ID for deletion.

#### ADDITIONAL REQUIREMENTS

- The system should enforce validation to prevent deletion without a valid client ID.
- User permissions and access rights must be verified before allowing the deletion process to proceed.

#### **MESSAGES:**

- Success: "Client with ID [Client\_ID] has been successfully deleted."
- Error: "Failed to delete the client. Please ensure the provided Client ID is correct and try again."