**USE CASE NARRATION**

**System:** Pharmacy Management System  
**Actor:** Admin  
**Primary Actor:** System  
**Goal:** To manage pharmacy-related data efficiently using CRUD operations.

**Use Case 1: Access Home Page**  
**Precondition:** The user opens the system's URL.

**Main Flow:**

1. The user arrives on the Home Page.
2. The system shows a navigation bar with three links: Home, About, and Contact.
3. The page displays seven buttons:
   * Customer Record
   * Employee Record
   * Medicines Record
   * Pharmacy Branches
   * Pharmacists Record
   * Prescriptions
   * Orders
4. The user clicks on a button to proceed.

**System Actions:**

Loads the Home Page layout.

Displays the navbar links (Home, About, Contact).

Displays the seven buttons.

**Postcondition:** The user selects a button to proceed.

**Use Case 2: Navigate to a Record Page**  
**Precondition:** The user is on the Home Page.

**Main Flow:**

The user clicks on a record button (e.g., Customer Record).

The system redirects to the related record page.

The page shows a table of records from the database.

**System Actions:**

Sends the request to the correct controller action.

Fetches the records from the database.

Displays the data in a table format on the page.

**Postcondition:** The user sees the record page with data.

**Use Case 3: View Records**  
**Precondition:** The user is on a specific record page.

**Main Flow:**

1. The system shows a table with:
   * All records from the database.
   * Pagination if there are many records.
2. The user reviews the records.

**System Actions:**

Fetches and displays the records.

**Postcondition:** The user reviews the records.

**Use Case 4: Create a New Record**  
**Precondition:** The user is on a record page.

**Main Flow:**

1. The user clicks on the "Create New" button.
2. The system opens a form for entering new data.
3. The user fills out the form and submits it.
4. The system:
   * Checks if the data is valid.
   * Saves the new record to the database.
5. The system redirects to the record page with the new entry visible.

**System Actions:**

Sends the request to the controller action.

Shows an empty form for input.

Validates the data and saves it to the database if valid.

Redirects to the record page and refreshes the table.

**Postcondition:** The new record is saved and displayed.

**Use Case 5: Edit an Existing Record**  
**Precondition:** The user is on a record page with existing records.

**Main Flow:**

1. The user clicks the "Edit" button for a specific record.
2. The system opens a form with the record’s current data.
3. The user updates the fields and submits the form.
4. The system:
   * Checks if the changes are valid.
   * Updates the record in the database.
5. The system redirects to the record page with the updated data visible.

**System Actions:**

Sends the request to the controller action.

Retrieves the record’s current data and shows it in the form.

Validates and updates the data in the database.

Redirects and refreshes the table with the updated data.

**Postcondition:** The record is updated successfully.

**Use Case 6: Delete a Record**  
**Precondition:** The user is on a record page with existing records.

**Main Flow:**

The user clicks the "Delete" button for a record.

The system shows a confirmation dialog.

The user confirms the deletion.

The system removes the record from the database and refreshes the page.

**System Actions:**

* Sends the request to the controller action.
* Prompts for confirmation.
* If confirmed:
  + Deletes the record and shows a success message.
  + Refreshes the table without the deleted record.
* If canceled:
  + Keeps the record unchanged.

**Postcondition:** The record is deleted or remains if the user cancels.

**Use Case 7: Access Navbar Links**  
**Precondition:** The user is on any system page.

**Main Flow:**

The user clicks on a navbar link (Home, About, Contact).

The system redirects to the chosen page.

**System Actions:**

* Sends the request to the correct controller action:
  + HomeController/Home for Home Page
  + HomeController/About for About Page
  + HomeController/Contact for Contact Page
* Displays the content of the selected page.

**Postcondition:** The user can view the selected page and return to the Home Page.