# 23AID214 – User Interface Design

Group – 11

SRS Resume

## Topic : Pharmaceutical Company Database

The main goal of this project is to create a website for managing the data of a pharmaceutical company. The website will have a login page for company users.

The system will include the following user interface features:

**Login Page**

* **A Company User Login button on the homepage.**
* **Hover Effects for this button using CSS to enhance interactivity:**
  + Slight color change on hover
  + Cursor changes to pointer
  + Smooth transition animation
* **Functionality:**
  + **When the Company User Login button is clicked, the user is redirected to a new page with two buttons:**
    - **Register**
    - **Login**

**Company User – Register Page**

* **When the Register button is clicked:**
  + **A registration form appears asking for the following:**
    - Employee ID (text input)
    - Password (password input)
    - Retype Password (password input)
    - Register (submit button)
* **Functionalities (using JavaScript):**
  + Basic form validation:
    - All fields must be filled
    - Password and retyped password must match
  + Visual feedback for input errors (e.g., red borders, alert messages)
* **Styling & Interactivity (CSS):**
  + Hover effects for buttons
  + Error messages styled for visibility
  + Input focus styles for better accessibility

**Company User – Login Page**

* **When the Login button is clicked:**
  + **A login form appears asking for:**
    - Employee ID
    - Password
    - A Reset Password link or button
* **Functionalities (JavaScript):**
  + Input validation (non-empty fields)
  + Show error message on wrong input
  + Reset Password option opens a modal or separate section for password recovery
* **CSS Styling:**
  + Consistent layout with Register page
  + Responsive design using flexbox/grid and media queries
  + Animated transitions for showing/hiding elements (optional)

**Post-Login Home Page (for Company Users)**

After successful login, the user will be redirected to a **Home Page** designed for the Company User. This page will include the following key features:

**1. Page Layout and Design**

* **Background**:
  + A visually appealing background image or gradient using CSS.
  + Ensures professional look and readability of content.
* **Company Logo**:
  + Positioned at the top left corner.
  + **Hover Effect (CSS + JavaScript)**:
    - When the cursor hovers over the logo, a tooltip or animated pop-up will display key information about the pharmaceutical company (e.g., mission, services, location).
    - Implemented using JavaScript event listeners and styled using CSS transitions.

**2. Navigation Bar**

* Located at the top of the page and remains visible while scrolling (sticky navbar).
* **Menu Items**:
  + **Home** – Returns to the homepage.
  + **Medicine List** – Displays all available medicines and their details.
  + **Dashboards** – Visual summary of stock levels, sales, etc.
  + **Tables** – Structured data views (medicine data, suppliers, employees).
  + **Update** – Interface to modify medicine or supplier information.
  + **Contact Details** – Page with company contact information and inquiry form.
* **Functionalities**:
  + Hover effects on navigation links using CSS.
  + Smooth transitions between pages using JavaScript or internal routing.
  + Each navigation item links to a dedicated web page with relevant content.

**3. Search Bar**

* Positioned in the header or top section of the homepage.
* **Functionality**:
  + Allows users to type a medicine name and search.
  + On pressing Enter or clicking the search icon:
    - JavaScript will filter the medicine list or fetch data from a predefined array/database (if backend is used).
    - Display full details of the medicine (e.g., name, type, expiry date, availability, stock count).
  + Clear “No Results Found” message if the item is not available.
* **Features**:
  + Auto-suggestions (optional enhancement using JavaScript)
  + Responsive design (works well on all screen sizes)

**4. Responsiveness and User Experience Enhancements**

* Entire page will be **responsive** using CSS media queries and flexbox/grid.
* **JavaScript will handle**:
  + Dynamic content display (search results, hover info)
  + Page transitions and navigation interactivity
* **CSS will manage**:
  + Layout structure
  + Hover/active styles for buttons and links
  + Pop-ups and animations