

Assignment 01

Total Duration: 7days

Challenge

- User login page
 - Users can log in to the system by entering username & password. The system needs to check the following,
 - Form validation.
 - Error message.
 - Backend validation.
 - After a successful login, the user should be redirected to the System Dashboard.
- Dashboard page
 - System dashboard should include the following,
 - Total registered employee count.
 - Active employee count.
 - Deactivated employee count.
- Employee Management page
 - User can search employees using the following search criteria by clicking on the Search button,
 - Employee Code (text field)
 - Employee NIC (text field)
 - Employee Name (text field)
 - All (default) / Active / Inactive (dropdown)
 - The user can reset search criteria & search results by clicking on the Reset button.
 - The user can add a new Employee by clicking on the “New” Button. After clicking on the button, the user will display an Employee Registration popup dialog. Registration form should have the following fields,
 - Employee Code (text field)
 - First Name (text field)
 - Last Name (text field)
 - Address (text field)
 - NIC (text field)
 - Mobile No (text field)
 - Gender (radio button)
 - E-mail (text field)
 - Designation - Master Data (dropdown)
 - Profile Image (File chooser)
 - Date of birth (date picker)
 - Status (Active / Inactive) (dropdown)

- Search results should appear in the table. The table format should follow headers,
 - Employee Code
 - Full Name
 - Address
 - NIC
 - Mobile No
 - Designation
 - Status
 - Action – This column should have included a View & Edit button.
- If a user clicks the View button, the user can view the user registration details. Also, the user can download the Employee detail report in PDF & Excel formats.
- If a user clicks the Edit button, the user can edit user registration details. without followings,
 - Employee no
 - Gender
 - Date of Birth

Technologies & Tools

- Language: **Java**
- Framework Or Stack: **WEB EE (JSP) Project**
- ER diagram: **Workbench**
- Database: **MySQL**
- Tool: **NetBeans or IntelliJ**
- Report: **iReport (PDF), HTML Print preview (PDF) & iText (Excel)**