

Assignment

Details are as follows:

Technology: **ASP.NET with c#**

UI: ReactJS/ModernUI

Database: MySQL/PostgreSQL

Reports: Crystal Report/RDLC/any Modern reporting tool


Validations: JQuery/Angular JS

Layers: Business Logic Layer (BLL) should be REST APIs, Data Access Layer (DAL)

Details

- Design an Employee Creation **Popup Dialog** with fields like Name, Designation, Date of Join, Salary, Gender, State – as shown below, Validate the data using jQuery while saving.

Employee Details	
Name	Text *
Designation	Text *
Date of Join	dd/MM/yyyy *
Salary	Decimal *
Gender	Male or Female (Radio Buttons) *
State	Dropdownlist *
SAVE *	



Validate Using jQuery

- Also add Date of Birth (Date) and Age field (Label) – When DOB is given, age should calculate by using jQuery and show it in a Label and no editing for Age.
- Fill States Drop down field from the database

- Show list of Employees with all the fields - below the creation form in a Light Weight Table.

S.No.	Name	Designation	DOJ	Salary	Gender	State	
1	<u>Prabhakar</u>	Jr.	1/1/2021	2000	M	Andhra Pr	DELETE

Total

Sum(Salary) Using JQuery

- When clicking on the name in the list, Popup dialog should be opened and form has to be filled in Edit Mode, and click on update button should update the form
- Give delete button to delete a record in the list – Show Delete dialog like i.e., Are you sure? yes or no
- Give a Clear Form button – to clear all the data.
- Give Total Salary using jQuery
- Add validation for Duplicates
- Check boxes in the list – to delete multiple records
- Select all checkbox – to select all the records
- Search box to search by name
- Show only 5 records – in the list, and give Next button to load the remaining data, after clicking on next, then show Previous (to show previous data) and Next button (if there are more data for the next) to load the data
- When clicking on the header column – table data should be sorted by clicked header column
- Prepare a chart by Employee Designation and Salary (multi options like Pie, Line, bar etc.)

**** Show Chart Button – To show chart in a popup.**

**** Show Download Button – To download the Employee list in PDF.**

**** Show View Report Button – Then show the report using Crystal/RDLC or any other modern reporting tool – Show in a Popup**

Deliverables:

-> Source code in a GitHub repository.

Deliverable Method:

-> A Loom video walkthrough demonstrating the complete functionality and flow of the application.