**Exercises-MVC**

DB Tables

Employee : EmpID,Name,Gender,Salary,DeptNum(EmpID is primary key)

Department: DeptNo,Name,Location(DeptNo is primarykey)

1. DeptDetails same as below with Dept Name,Location all are mandatory fileds
2. Employee Details Entry screen

EmpID (Check if already exists in database while entering )

Empname

Gender Drop Dropdown list (select gender,Male,Female)

EmpSalary

DeptNo Dropdown list (Show all dept nos)

**Back to EmployeeList**

**Validations**: All fields are mandatory and Empsalary should be lie between 10000 to 200000, max empname length note more than 40 letters

**Back to EmployeeList** to navigate to Employee List screen

While saving to DB Gender value will be saved as M or F

1. Employee list with grid will show all details and a link “Create New” by clicking it will be navigated to new employee details entry screen. **Edit** and **Delete to edit and delete Employee details. And apply same validations as mentioned above, if Create New Employee is clicked then navigate to EmployeeEntry screen**

Employee names should be hyperlinked if we click on that link appropriate emp details need to be displayed

**Create New Employee**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Gender | Salary | DeptNo |  |  |
| ABC | Male | 7000 | 10 | Edit | Delete |
| DEF | Frmale | 5000 | 20 | Edit | Delete |
| HIO | Male | 2000 | 30 | Edit | Delete |

1. Design Department entry screen and apply all features as emp screen.

**Validations**: All fields are mandatory and DEpt number should be lie between 10 to 2000, max DeptName andlocation length note more than 40 letters

1. Consolidated screen

Search by Name

**Search**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Gender** | **Salary** | **Deptname** | **Location** |
| ABC | Male | 7000 | IT | ION |
| DEF | Frmale | 5000 | Hardware | WWW |
| HIO | Male | 2000 | Infra | OOO |

Paging 1,2,3 >>

Apply sorting while clicking on the Headers.

Enter Name and click on search then display results that Name starts with the text added in the textbox.