**IUBAT -International University of Business Agriculture and Technology**

**Project Report**

**Employee management system**

**Submitted to**

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Course Instructor

CSC 440, Visual Programming Lab

**Prepared by (**Group – 7**)**

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**Introduction**

In an organization, employees are the true asset. Managing them is no doubt a challenging task, especially when the number of employees increases. It’s even harder to control the entire workforce. An employee management system which keeps all the process on track can ease the task in efficient manner.

Employee Management System is an application which is developed to maintain the details of employees working in any organization. It helps to eliminate the manual process and saves a lot of time and money also. This system maintains the professional and personal details of the employees and the company in a safe manner. The [**employee management system**](https://empmonitor.in/blog/reasons-for-using-employee-management-software/) lowers the burden and the pressure on HRs and the business managers. Employee engagement systems are structured to accurately monitor, assess, and control the activities of workers such as the task which is given to them perfectly done within due time or not and many more.

**Project requirements:**

* ASP.NET Core MVC
* Visual Studio
* Microsoft SQL server management studio
* Microsoft SQL Server
* Entity Framework
* Desktop computer

**Project Features:**

There are two login options for Admin and Employee separately.

The Admin panel has the following features:

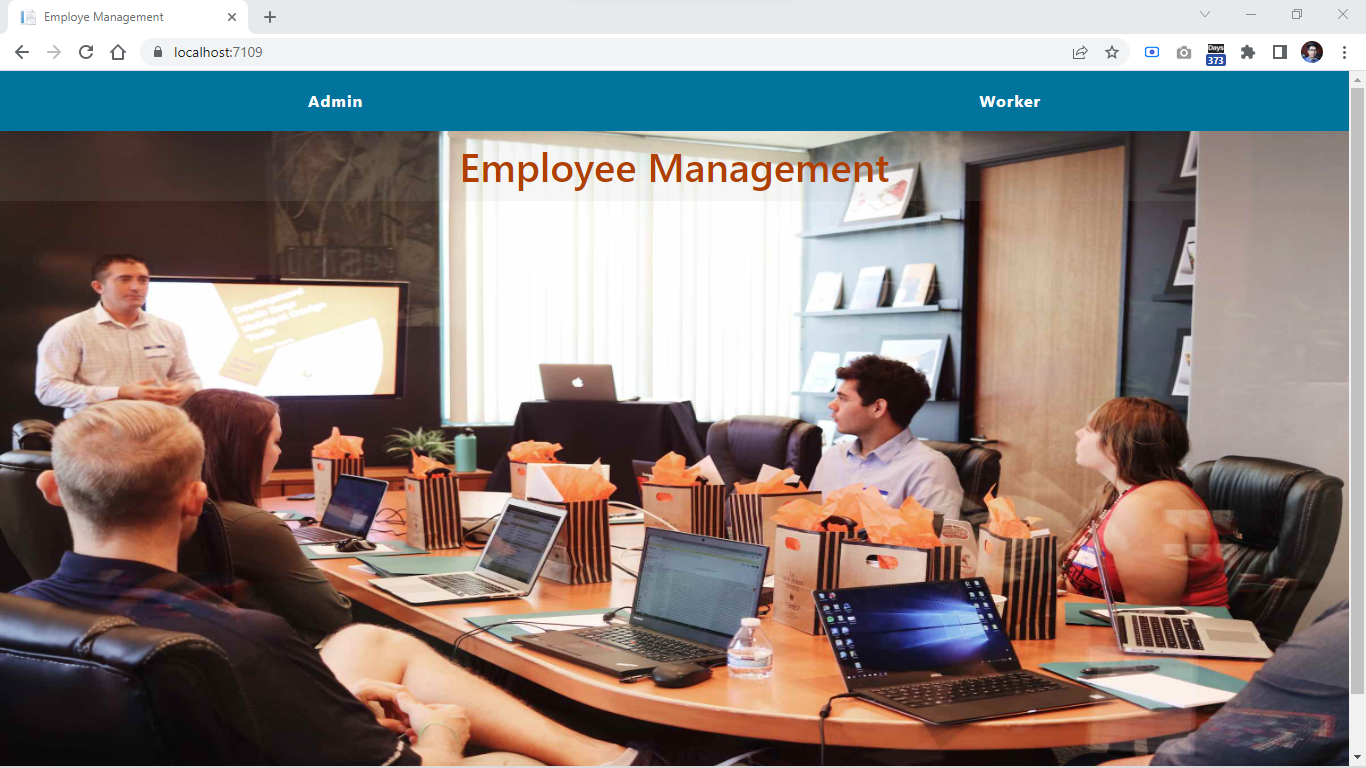
* Employee details
* Add new employee
* Task details of the employee
* Application query

The Employee panel has the following features:

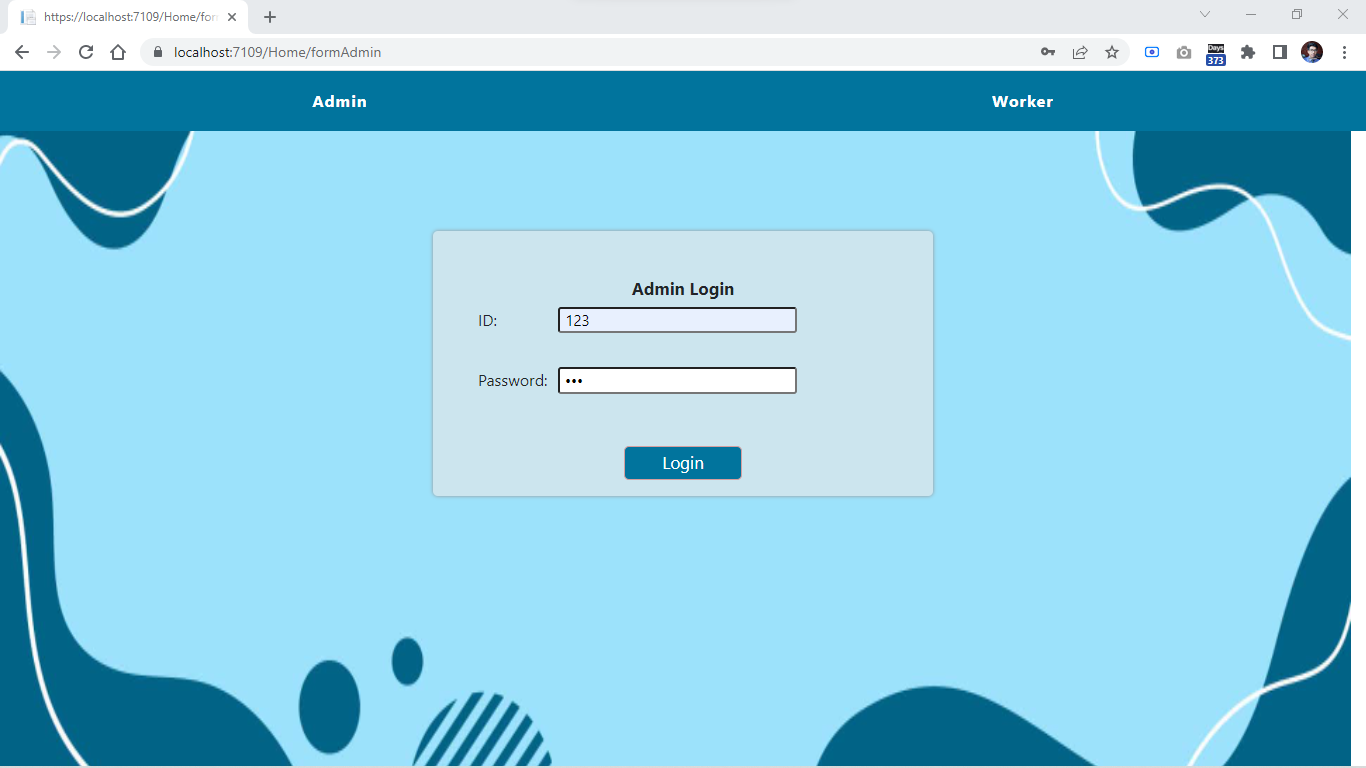
* Profile details
* Task details
* Submit query

**Screenshots of all the interfaces**

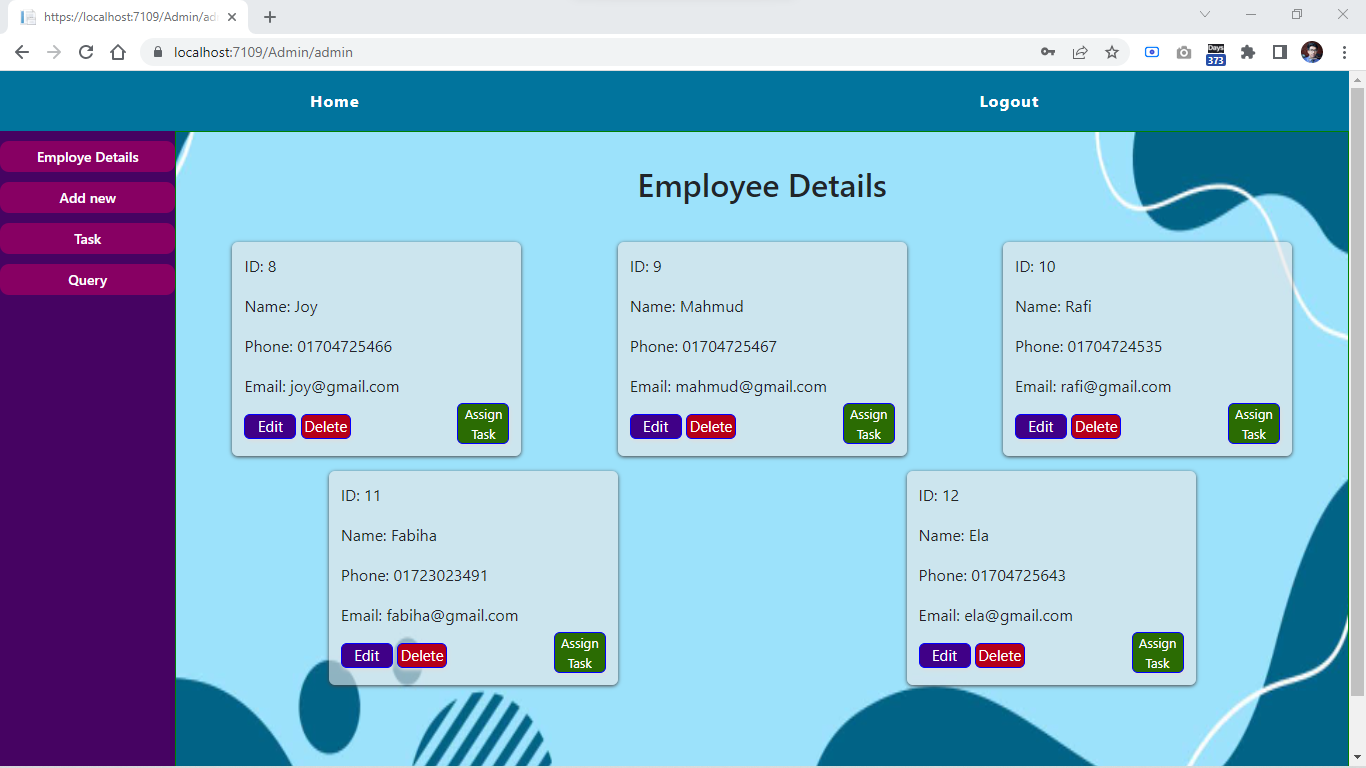
**Home Page:**



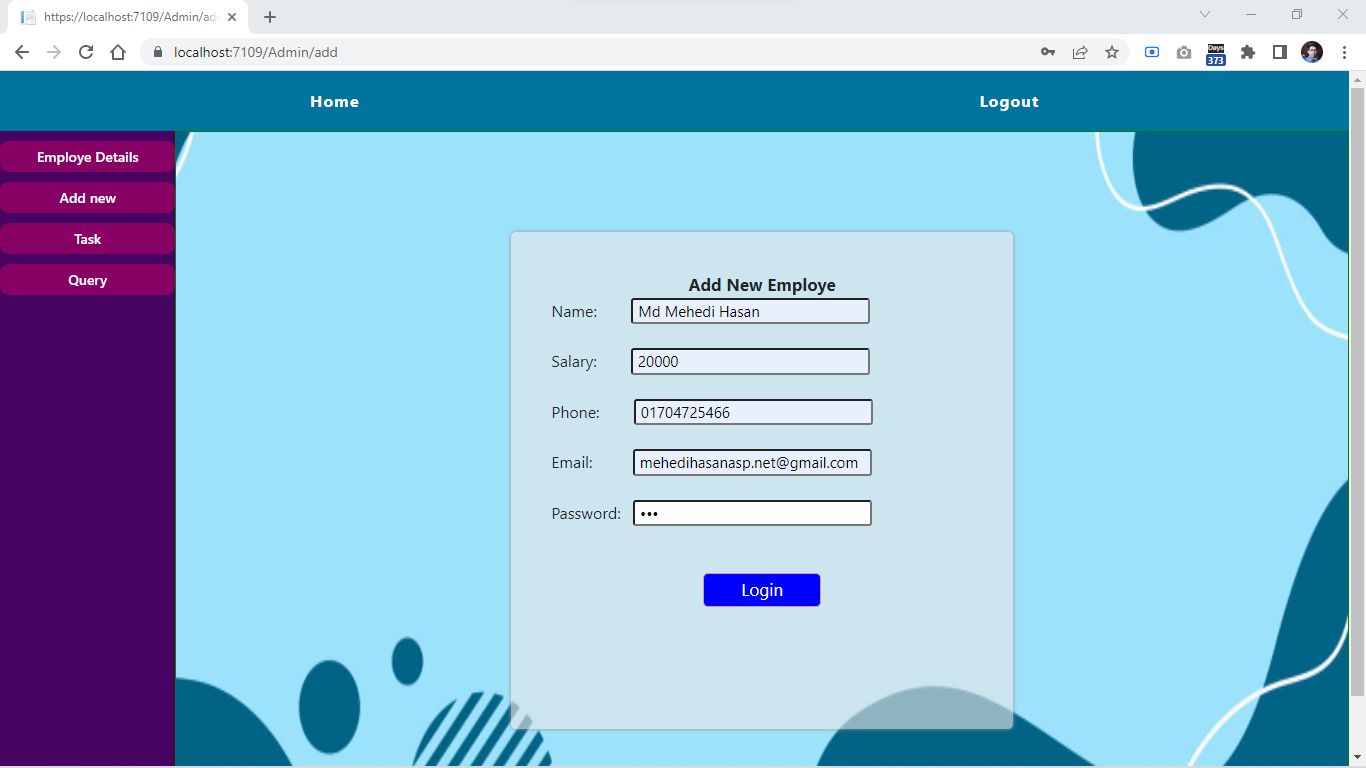
**Admin Login:**

****

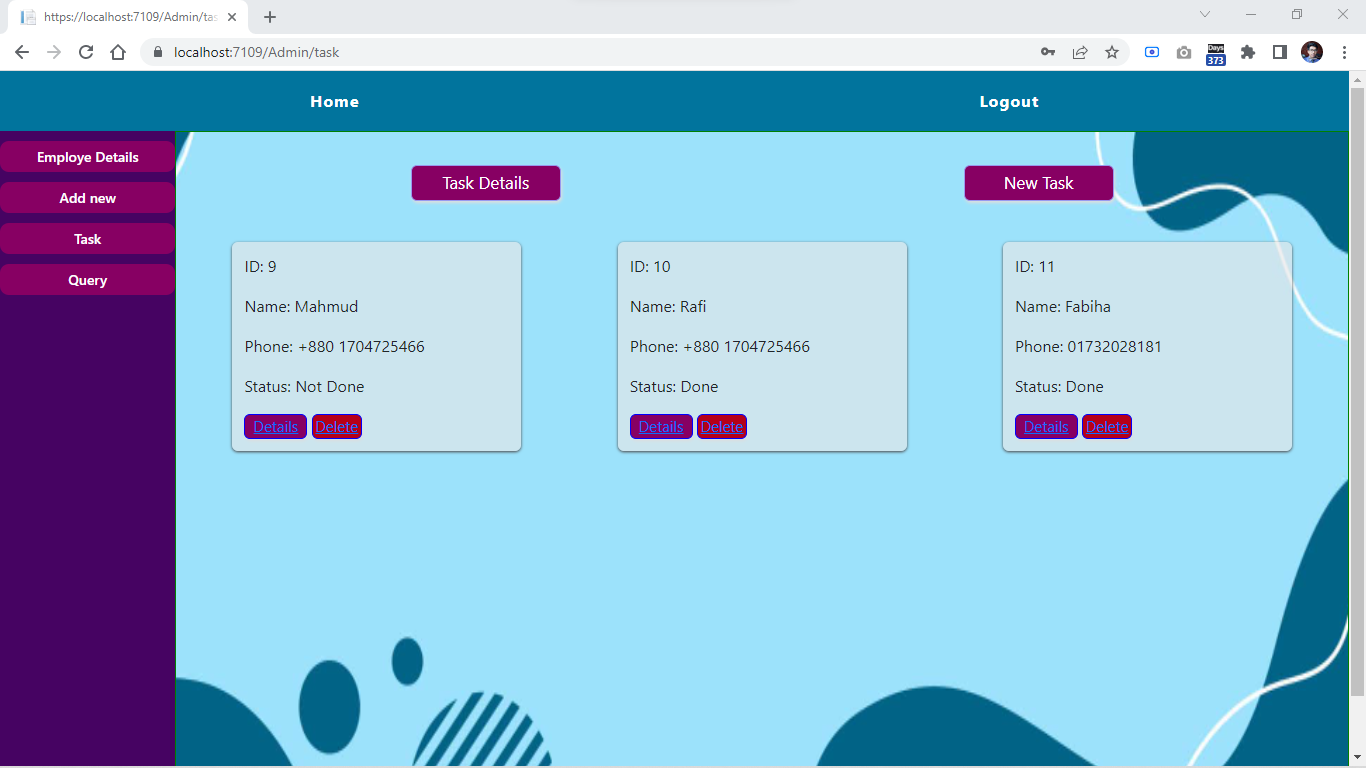
**Employee Details:**

****

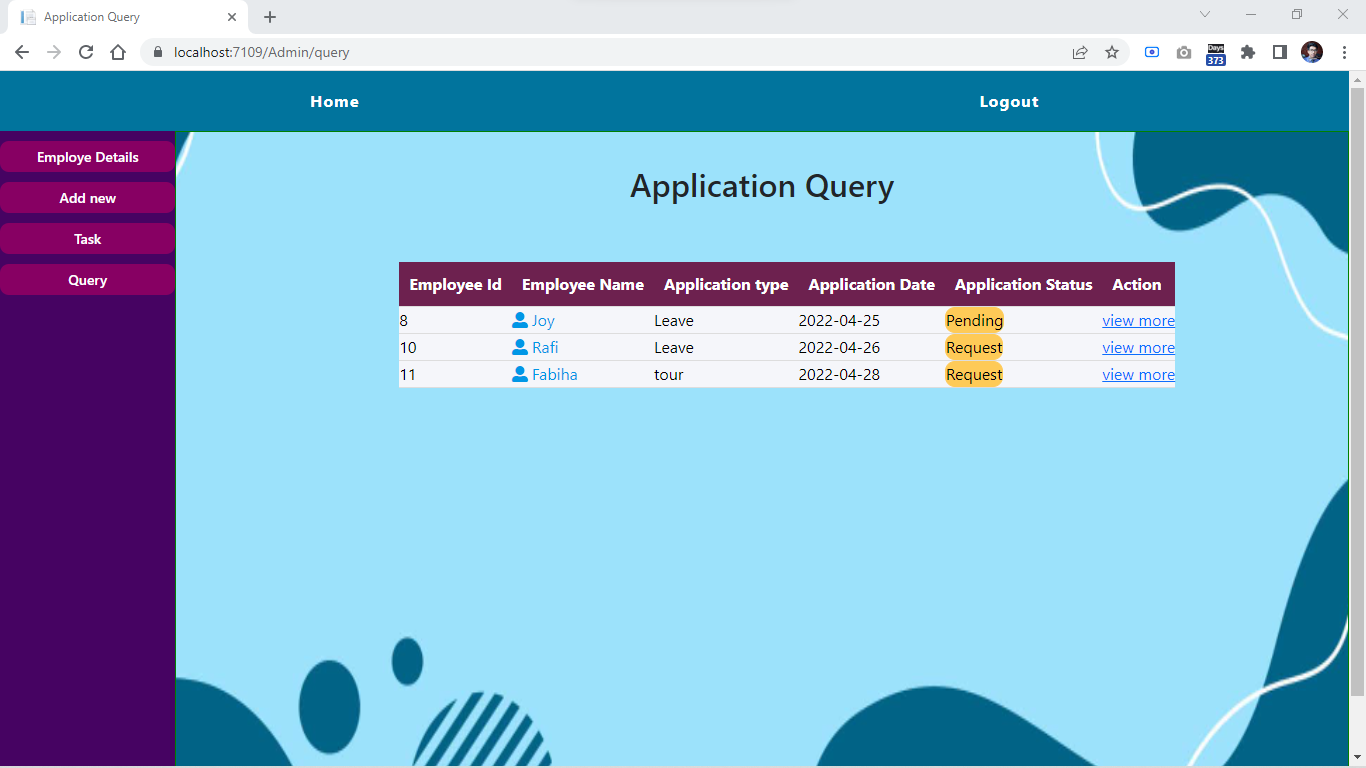
**Add new Employee:**

****

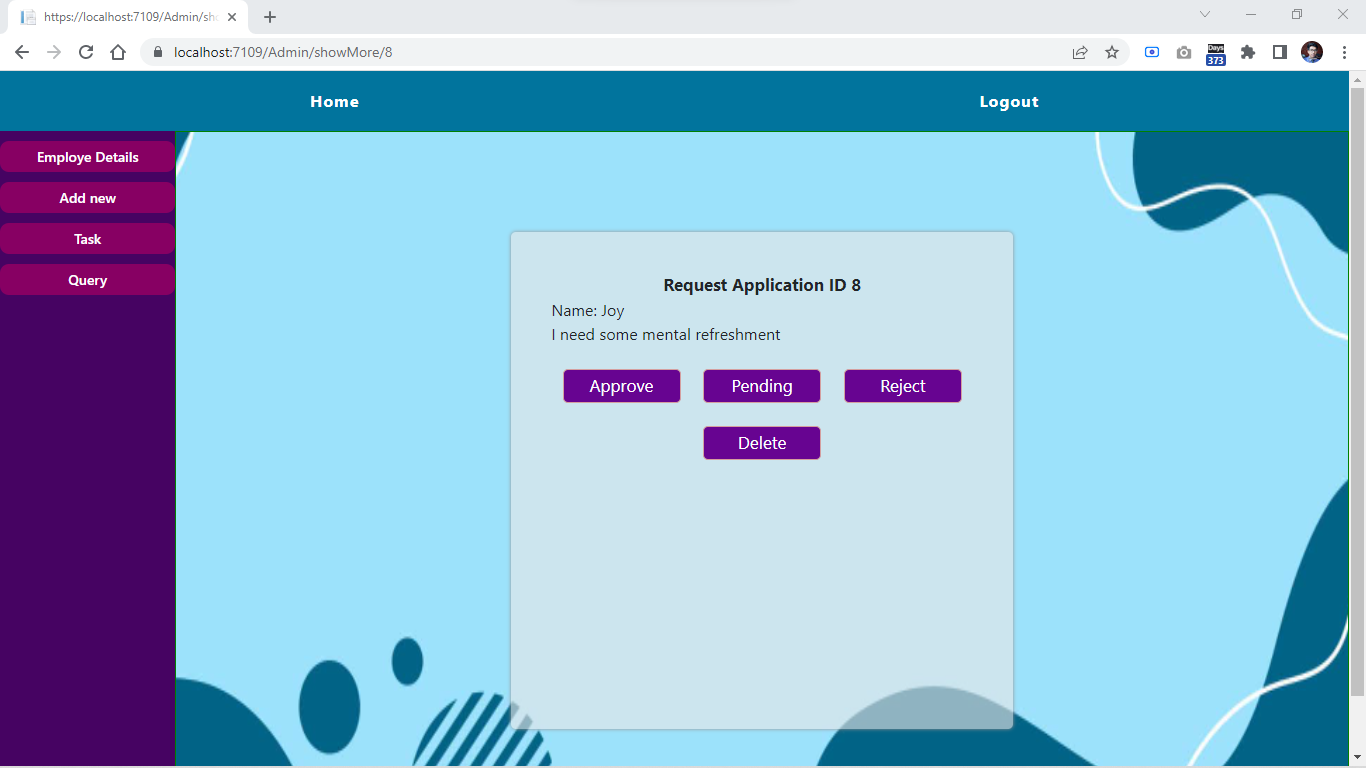
**Task Details:**

****

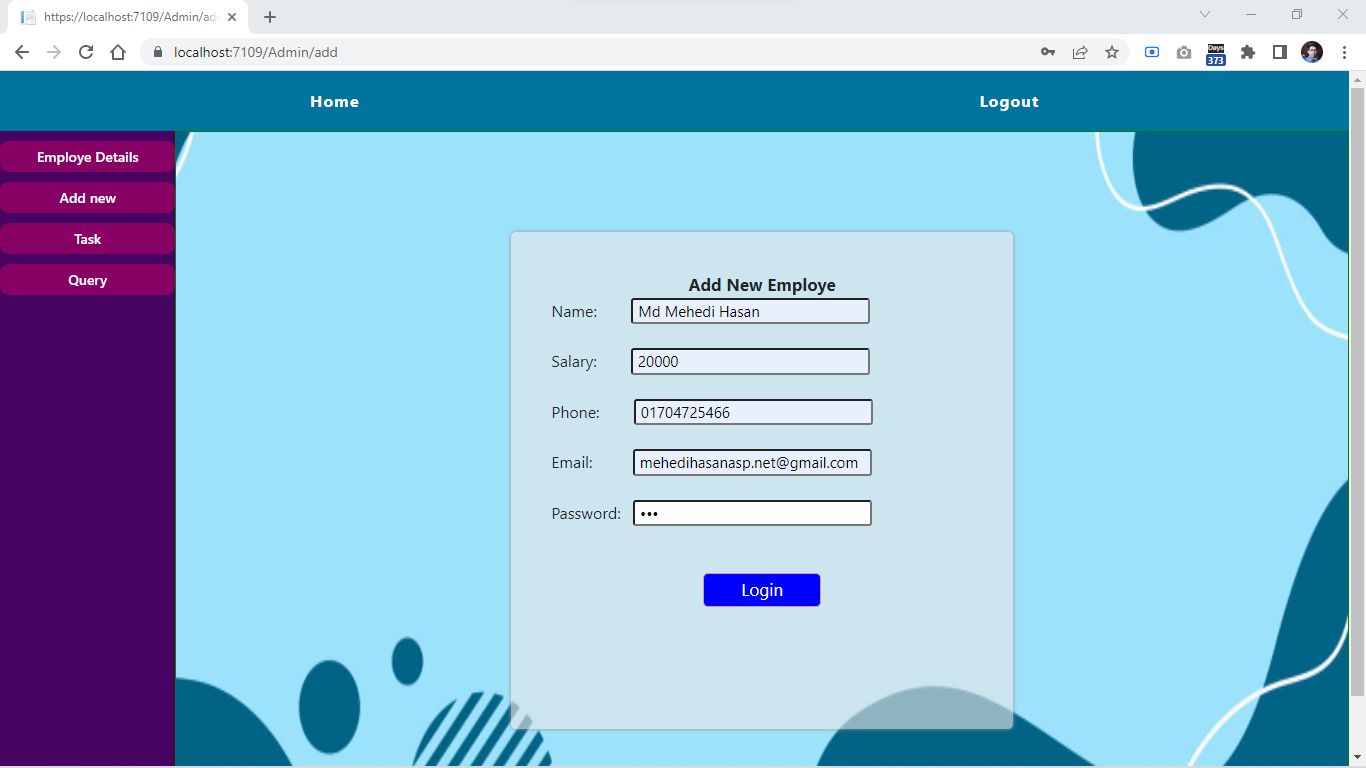
**Application Query:**

****

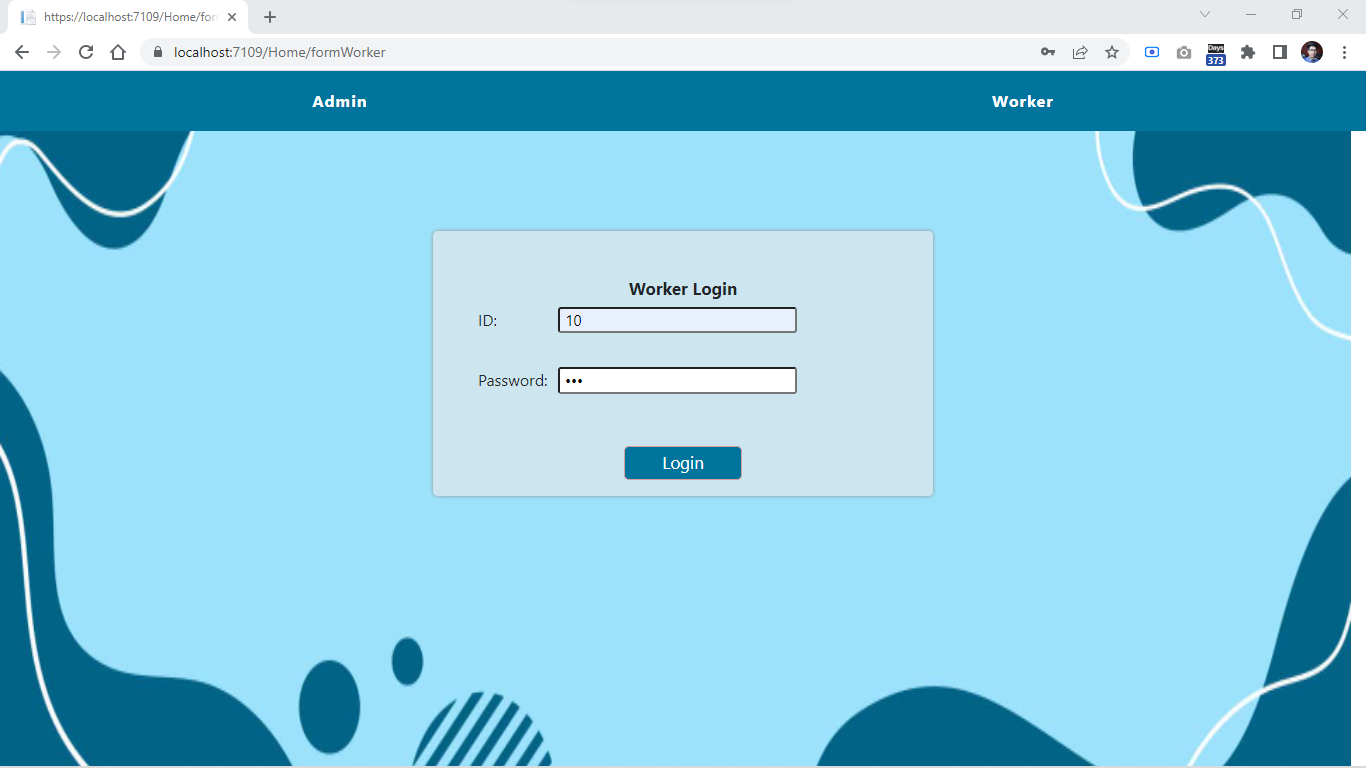
**Application status Change:**

****

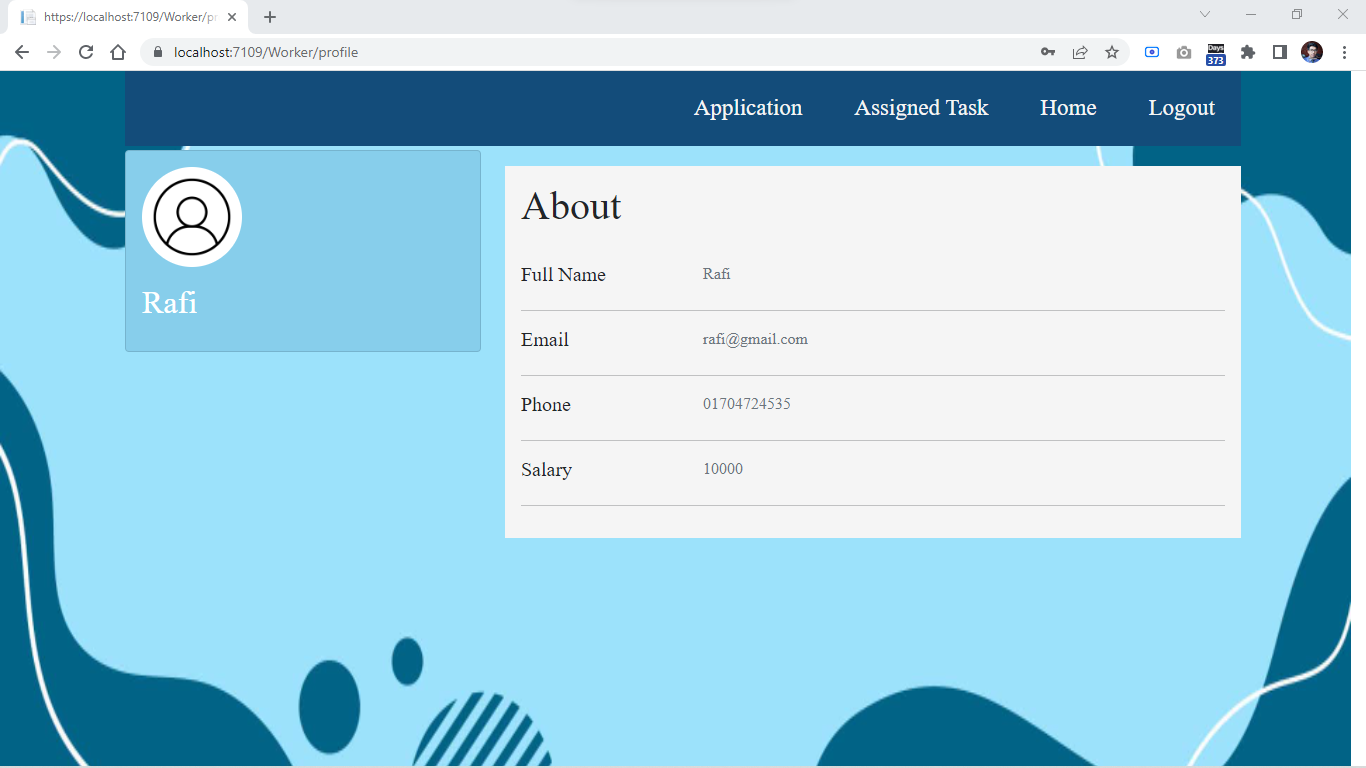
**Assign New Task:**

****

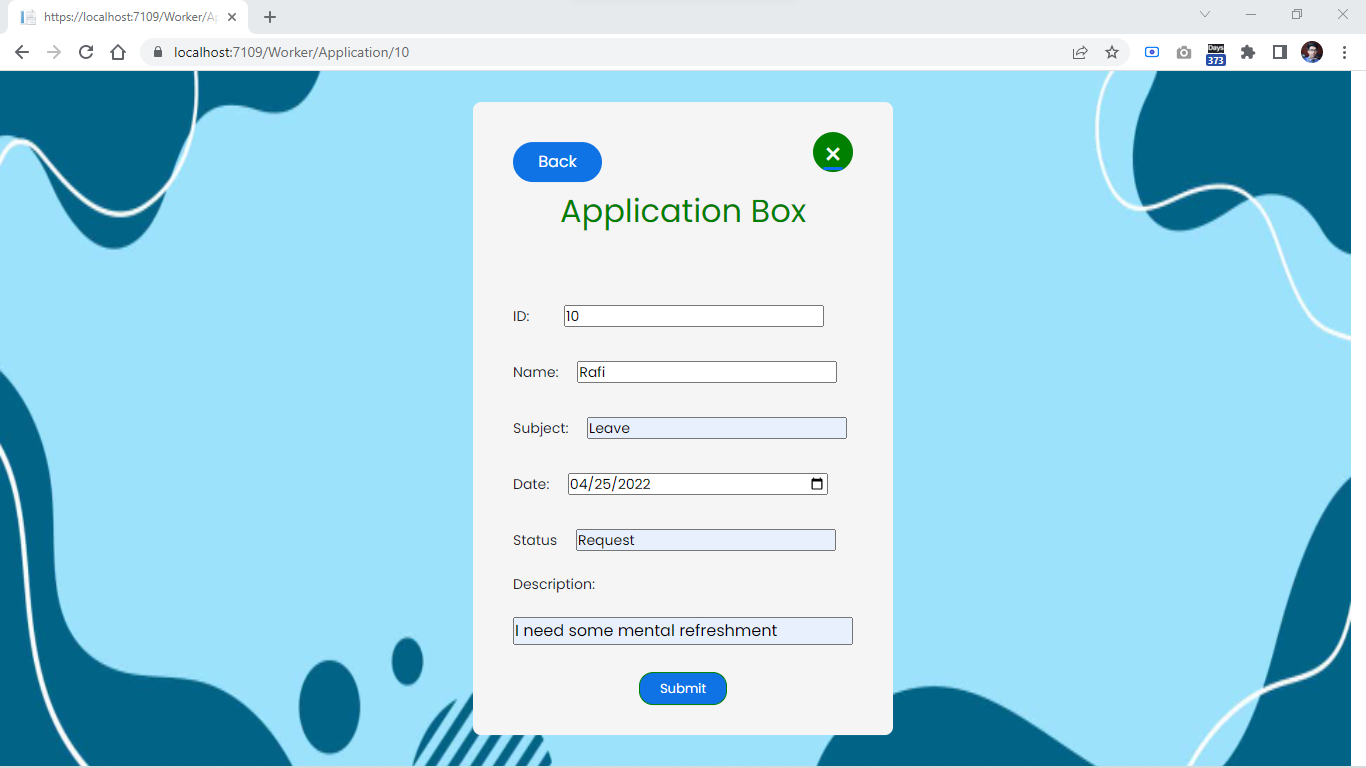
**Employee Login**

****

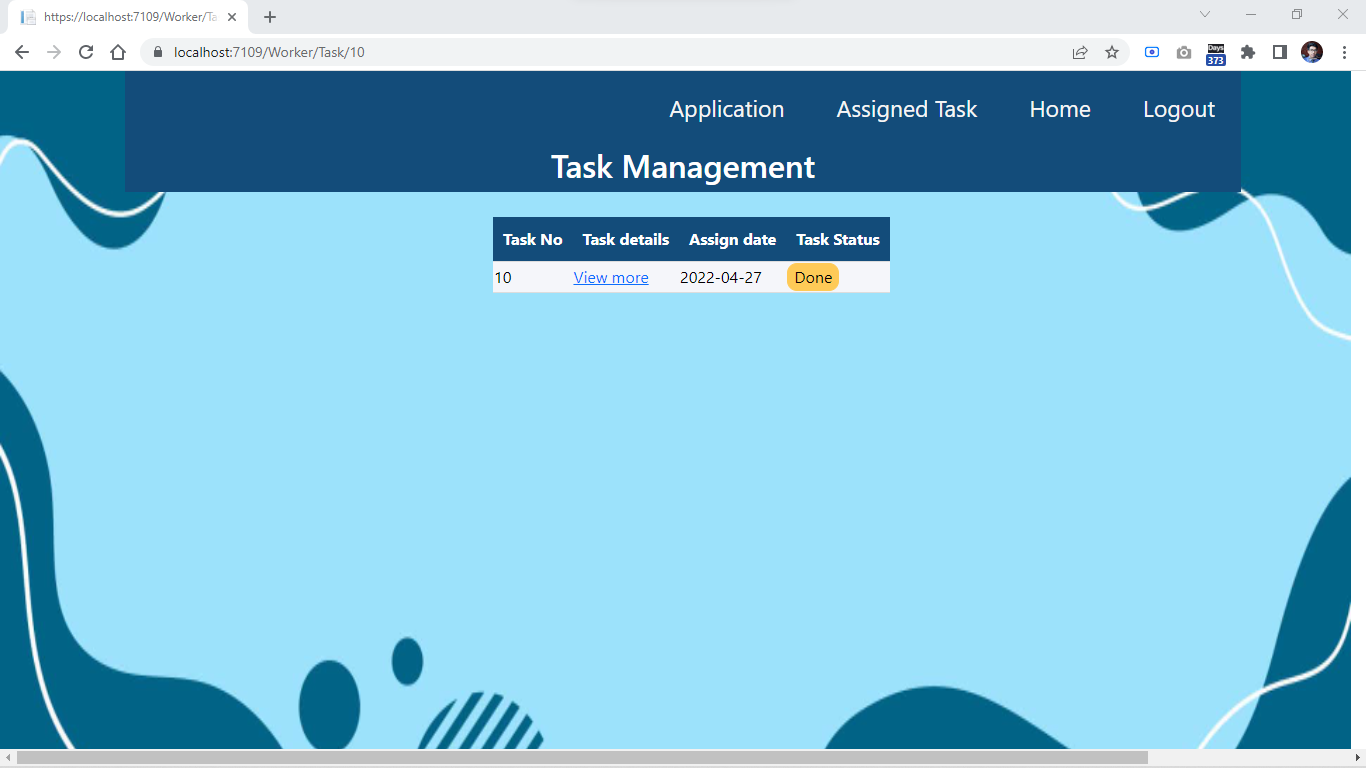
**Employee Details:**

****

**Query Application for Employee:**

****

**Assigned Task for specific Employee:**

****

**Code Part**

**Model :**

**Employe.cs**

using System.ComponentModel.DataAnnotations;

namespace EmployeManagement.Models;

public class Employe

{

   [Key]

   public int Id { get; set; }

[Required]

   public string Name { get; set;}

   [Required]

   public double Salary { get; set; }

   [Required]

   public string Phone { get; set; }

   [Required]

   public string Email { get; set; }

   [Required]

   public string Password { get; set; }

}

**TaskE.cs**

using System.ComponentModel.DataAnnotations;

namespace EmployeManagement.Models;

public class TaskE

{

  [Key]

   public int Id { get; set; }

   [Required]

   public string Name { get; set;}

   [Required]

   public string Phone { get; set; }

   [Required]

   public string Date { get; set; }

   [Required]

   public string Status { get; set; }

   [Required]

   public string Details { get; set; }

}

**Application.cs**

using System.ComponentModel.DataAnnotations;

namespace EmployeManagement.Models;

public class Application

{

   [Key]

   public int Id { get; set; }

   [Required]

   public string Name { get; set;}

   [Required]

   public string Subject { get; set; }

    [Required]

    public string Date{ get; set;}

    [Required]

    public string Status { get; set; }

    [Required]

    public string Description { get; set; }

}

**Login.cs**

using System.ComponentModel.DataAnnotations;

namespace EmployeManagement.Models;

public class login

{

   [Required]

   public int Id { get; set; }

   [Required]

   public string Password { get; set; }

}

**Controller**

**HomeController.cs**

using System.Diagnostics;

using Microsoft.AspNetCore.Mvc;

using EmployeManagement.Models;

using System.Data.SqlClient;

using Microsoft.Extensions.Configuration;

namespace EmployeManagement.Controllers;

public class HomeController : Controller

{

    // for database connection

    private readonly ILogger<HomeController> \_logger;

    public HomeController(ILogger<HomeController> logger)

    {

        \_logger = logger;

    }

    public IActionResult Index()

    {

        return View();

    }

    public IActionResult formAdmin()

    {

        return View();

    }

    public IActionResult formWorker()

    {

        return View();

    }

    public IActionResult Privacy()

    {

        return View();

    }

    [ResponseCache(Duration = 0, Location = ResponseCacheLocation.None, NoStore = true)]

    public IActionResult Error()

    {

        return View(new ErrorViewModel { RequestId = Activity.Current?.Id ?? HttpContext.TraceIdentifier });

    }

}

**AdminController.cs**

using System.Diagnostics;

using Microsoft.AspNetCore.Mvc;

using EmployeManagement.Models;

using System.Data.SqlClient;

using Microsoft.Extensions.Configuration;

using EmployeManagement.Data;

namespace EmployeManagement.Controllers;

public class AdminController : Controller

{

    // for database connection

    private readonly ApplicationDbContext \_db;

    public AdminController(ApplicationDbContext db)

    {

        \_db = db;

    }

    public IActionResult admin()

    {

        IEnumerable<Employe> objects = \_db.employees;

        return View(objects);

    }

    [HttpPost]

    public IActionResult admin(login obj)

    {

        if (obj.Id == null || obj.Id == 0)

        {

            return NotFound();

        }

        if (obj.Id != 123)

        {

            ViewData["ID"] = "ID is not found";

            return View("~/Views/Home/formAdmin.cshtml");

        }

        if (obj.Id != null && obj.Password == "abc")

        {

            IEnumerable<Employe> objects = \_db.employees;

            return View(objects);

        }

        else

        {

            ViewData["Pass"] = "password not Match";

            return View("~/Views/Home/formAdmin.cshtml");

        }

    }

    public IActionResult Employeditails()

    {

        return View();

    }

    // GET

    public IActionResult add()

    {

        return View();

    }

    // POST

    [HttpPost]

    public IActionResult add(Employe obj)

    {

        if (ModelState.IsValid)

        {

            \_db.employees.Add(obj);

            \_db.SaveChanges();

            return RedirectToAction("admin");

        }

        return View(obj);

    }

    // GET

    public IActionResult Edit(int? id)

    {

        if (id == null || id == 0)

        {

            return NotFound();

        }

        var employeesFromDb = \_db.employees.Find(id);

        if (employeesFromDb == null)

        {

            return NotFound();

        }

        return View(employeesFromDb);

    }

    // POST

    [HttpPost]

    public IActionResult Edit(Employe obj)

    {

        if (ModelState.IsValid)

        {

            \_db.employees.Update(obj);

            \_db.SaveChanges();

            return RedirectToAction("admin");

        }

        return View(obj);

    }

    // GET

    public IActionResult Delete(int? id)

    {

        if (id == null || id == 0)

        {

            return NotFound();

        }

        var employeesFromDb = \_db.employees.Find(id);

        if (employeesFromDb == null)

        {

            return NotFound();

        }

        return View(employeesFromDb);

    }

    // POST

    [HttpPost]

    public IActionResult DeletePost(int? Id)

    {

        var obj = \_db.employees.Find(Id);

        if (obj == null)

        {

            return NotFound();

        }

        \_db.employees.Remove(obj);

        \_db.SaveChanges();

        return RedirectToAction("admin");

    }

    // \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Task Page Work \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

    public IActionResult task()

    {

        IEnumerable<TaskE> objects = \_db.task;

        return View(objects);

    }

    // GET

    public IActionResult newTask(int? id)

    {

        if (id == null || id == 0)

        {

            return NotFound();

        }

        var employeesFromDb = \_db.employees.Find(id);

        if (employeesFromDb == null)

        {

            return NotFound();

        }

        ViewData["ID"] = id;

        ViewData["Name"] = employeesFromDb.Name;

        return View();

    }

    // POST

    [HttpPost]

    public IActionResult newTask(TaskE obj)

    {

        // find some elements from the emploeye table

        if (ModelState.IsValid)

        {

            \_db.task.Add(obj);

            \_db.SaveChanges();

            return RedirectToAction("Task");

        }

        return View(obj);

    }

    // Get

    public IActionResult TaskDetails(int? id)

    {

        if (id == null || id == 0)

        {

            return NotFound();

        }

        var employeesFromDb = \_db.task.Find(id);

        if (employeesFromDb == null)

        {

            return NotFound();

        }

        return View(employeesFromDb);

    }

    // Get

    public IActionResult TaskDelete(int? id)

    {

        if (id == null || id == 0)

        {

            return NotFound();

        }

        var employeesFromDb = \_db.task.Find(id);

        if (employeesFromDb == null)

        {

            return NotFound();

        }

        return View(employeesFromDb);

    }

    // POST

    [HttpPost]

    public IActionResult TaskDeletePost(int? Id)

    {

        if (Id == null || Id == 0)

        {

            return NotFound();

        }

        var obj = \_db.task.Find(Id);

        if (obj == null)

        {

            return NotFound();

        }

        \_db.task.Remove(obj);

        \_db.SaveChanges();

        return RedirectToAction("task");

    }

    // \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* END Task Page done \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

    // \*\*\*\*\*\*\*\*\*\*\*\* START Query Page data \*\*\*\*\*\*\*\*\*\*\*\*\*

    public IActionResult query()

    {

        IEnumerable<Application> objects = \_db.applications;

        return View(objects);

    }

    public IActionResult showMore(int? id)

    {

        var employeesFromDb = \_db.applications.Find(id);

        if (employeesFromDb == null)

        {

            return NotFound();

        }

        return View(employeesFromDb);

    }

    public IActionResult approve(int? id)

    {

         var obj = \_db.applications.Find(id);

        obj.Status = "Approved";

        \_db.applications.Update(obj);

        \_db.SaveChanges();

        IEnumerable<Application> objects = \_db.applications;

        return View("~/Views/Admin/query.cshtml", objects);

    }

    public IActionResult pending(int? id)

    {

        var obj = \_db.applications.Find(id);

        obj.Status = "Pending";

        \_db.applications.Update(obj);

        \_db.SaveChanges();

        IEnumerable<Application> objects = \_db.applications;

        return View("~/Views/Admin/query.cshtml", objects);

    }

    public IActionResult reject(int? id)

    {

        var obj = \_db.applications.Find(id);

        obj.Status = "Reject";

        \_db.applications.Update(obj);

        \_db.SaveChanges();

        IEnumerable<Application> objects = \_db.applications;

        return View("~/Views/Admin/query.cshtml", objects);

    }

    public IActionResult deleteReq(int? id)

    {

        var obj = \_db.applications.Find(id);

        \_db.applications.Remove(obj);

        \_db.SaveChanges();

        IEnumerable<Application> objects = \_db.applications;

        return View("~/Views/Admin/query.cshtml", objects);

    }

    // \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* END Query Page \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

    [ResponseCache(Duration = 0, Location = ResponseCacheLocation.None, NoStore = true)]

    public IActionResult Error()

    {

        return View(new ErrorViewModel { RequestId = Activity.Current?.Id ?? HttpContext.TraceIdentifier });

    }

}

**WorkerController.cs**

using EmployeManagement.Data;

using EmployeManagement.Models;

using Microsoft.AspNetCore.Mvc;

namespace EmployeManagement.Controllers;

public class WorkerController : Controller

{

    // get the data from the database

    private readonly ApplicationDbContext \_db;

    public WorkerController(ApplicationDbContext db)

    {

        \_db = db;

    }

     public IActionResult index(int? id)

    {

        var employeesFromDb = \_db.employees.Find(id);

        return View("~/Views/Worker/profile.cshtml", employeesFromDb);

    }

    [HttpPost]

    public IActionResult profile(login obj)

    {

        if (ModelState.IsValid)

        {

            if (obj.Id == null || obj.Id == 0)

            {

                return NotFound();

            }

            var employeesFromDb = \_db.employees.Find(obj.Id);

            if (employeesFromDb == null)

            {

                ViewData["ID"] = "ID is not found";

                return View("~/Views/Home/formWorker.cshtml");

            }

           if(employeesFromDb != null && obj.Password =employeesFromDb.Password){

                return View(employeesFromDb);

           }

           else{

                ViewData["Pass"] = "password not Match";

                return View("~/Views/Home/formWorker.cshtml");

           }

        }

        return View();

    }

    public IActionResult Application(int? id)

    {

        if (id == null || id == 0)

        {

            return NotFound();

        }

        var employeesFromDb = \_db.employees.Find(id);

        if (employeesFromDb == null)

        {

            return View();

        }

        ViewData["ID"] = id;

        ViewData["Name"] = employeesFromDb.Name;

        return View();

    }

    [HttpPost]

    public IActionResult Application(Application obj)

    {

        if (ModelState.IsValid)

        {

           \_db.applications.Add(obj);

           \_db.SaveChanges();

            var employeesFromDb = \_db.employees.Find(obj.Id);

            return View("~/Views/Worker/profile.cshtml", employeesFromDb);

        }

        return View("~/Views/Worker/profile.cshtml");

    }

    public IActionResult Task(int? id)

    {

        if (id == null || id == 0)

        {

            return NotFound();

        }

        var employeesFromDb = \_db.task.Find(id);

        if (employeesFromDb == null)

        {

            ViewData["ID"] = id;

            return View("~/Views/Worker/taskNot.cshtml");

        }

        return View(employeesFromDb);

    }

    public IActionResult showDetails(int? id)

    {

         var employeesFromDb = \_db.task.Find(id);

         return View(employeesFromDb);

    }

}

**View**

**Home**

**Index.cshtml**

@{

    ViewData["Title"] = "Employe Management";

}

<link rel="stylesheet" href="~/css/admin.css">

<link rel="stylesheet" href="~/css/home.css">

<header class="Header">

    <li> <a asp-area="" asp-controller="Home" asp-action="formAdmin">Admin</a></li>

    <li><a asp-area="" asp-controller="Home" asp-action="formWorker">Worker</a></li>

</header>

<div style="background: url(https://biz30.timedoctor.com/images/2020/01/employee-management.jpg) no-repeat;

    background-size: 1360px 699px;

    width: 100%;

    height: 638px;

    margin: 0px auto;">

        <h1 style="color: #b13f00;

    text-align: center;

    padding: 11px;

    background: #b1b0b01a;">Employee Management</h1>

    </div>

**formAdmin.cshtml**

@model login

<link rel="stylesheet" href="~/css/home.css">

<header class="Header">

    <li> <a asp-area="" asp-controller="Home" asp-action="formAdmin">Admin</a></li>

    <li><a asp-area="" asp-controller="Home" asp-action="formWorker">Worker</a></li>

</header>

<div class="loginForm">

    <p class="loginHeading">Admin Login</p>

    <form action="../Admin/admin"  method="post">

        <p>ID: <input asp-for="Id" type="text"  placeholder="Enter your ID" class="inputName"/></p>

         <span asp-validation-for="Id" class="text-danger"></span>

         <span class="error" >@ViewData["ID"]</span>

         <p>Password: <input asp-for="Password" type="password"  placeholder="Enter your Password" class="inputPassword"/></p>

          <span asp-validation-for="Password" class="text-danger"></span>

           <span class="error">@ViewData["Pass"]</span>

         <button>Login</button>

    </form>

</div>

**formWorker.cshtml**

@model login

<link rel="stylesheet" href="~/css/home.css">

<header class="Header">

    <li> <a asp-area="" asp-controller="Home" asp-action="formAdmin">Admin</a></li>

    <li><a asp-area="" asp-controller="Home" asp-action="formWorker">Worker</a></li>

</header>

<div class="loginForm">

    <p class="loginHeading">Worker Login</p>

    <form action="../Worker/profile" method="post">

        <p>ID: <input asp-for="Id" type="text"  placeholder="Enter your ID" class="inputName"/></p>

         <span asp-validation-for="Id" class="text-danger"></span>

         <span class="error" >@ViewData["ID"]</span>

         <p>Password: <input asp-for="Password" type="password"  placeholder="Enter your password" class="inputPassword"/></p>

          <span asp-validation-for="Password" class="text-danger"></span>

           <span class="error">@ViewData["Pass"]</span>

         <button>Login</button>

    </form>

</div>

**Admin folder**

**Admin.cshtml**

@model IEnumerable<Employe>

<link rel="stylesheet" href="~/css/admin.css">

<link rel="stylesheet" href="~/css/home.css">

<header class="Header">

    <li> <a asp-area="" asp-controller="Home" asp-action="Index">Home</a></li>

    <li><a asp-area="" asp-controller="Home" asp-action="Index">Logout</a></li>

</header>

<div class="Wrapper">

    <div class="leftSide">

        <ul class="leftSideUl">

            <li><a asp-area="" asp-controller="Admin" asp-action="admin">Employe Details</a></li>

            <li><a asp-area="" asp-controller="Admin" asp-action="add">Add new</a></li>

            <li><a asp-area="" asp-controller="Admin" asp-action="task">Task</a></li>

            <li><a asp-area="" asp-controller="Admin" asp-action="query">Query</a></li>

        </ul>

    </div>

    <div class="rightSide">

        <div class="upperPart">

            <h2>Employee Details</h2>

        </div>

        <div class="lowerPart">

            @foreach (var obj in Model)

            {

                <div class="Box">

                    <p>ID: @obj.Id</p>

                    <p>Name: @obj.Name</p>

                    <p>Phone: @obj.Phone</p>

                    <p>Email: @obj.Email</p>

                    <button class="taskEditBtn">

                        <a asp-controller="Admin" asp-action="Edit" asp-route-id="@obj.Id">Edit</a>

                   </button>

                    <button class="taskDeleteBtn taskEditBtn">

                        <a asp-controller="Admin" asp-action="Delete" asp-route-id="@obj.Id">Delete</a>

                    </button>

                     <button class="taskEditBtn taskAssigned">

                        <a asp-controller="Admin" asp-action="newTask" asp-route-id="@obj.Id">Assign Task</a>

                   </button>

                </div>

            }

        </div>

    </div>

</div>

**Add.cshtml**

@model Employe

<link rel="stylesheet" href="~/css/home.css">

<link rel="stylesheet" href="~/css/admin.css">

<header class="Header">

    <li> <a asp-area="" asp-controller="Home" asp-action="Index">Home</a></li>

    <li><a asp-area="" asp-controller="Home" asp-action="Index">Logout</a></li>

</header>

<div class="Wrapper">

    <div class="leftSide">

       <ul class="leftSideUl">

           <li><a asp-area="" asp-controller="Admin" asp-action="Admin">Employe Details</a></li>

           <li><a asp-area="" asp-controller="Admin" asp-action="add">Add new</a></li>

           <li><a asp-area="" asp-controller="Admin" asp-action="task">Task</a></li>

           <li><a asp-area="" asp-controller="Admin" asp-action="query">Query</a></li>

       </ul>

    </div>

    <div class="rightSide">

      <div class="loginForm">

    <p class="loginHeading">Add New Employe</p>

    <form action="" method="post">

        <p>Name: <input asp-for="Name" type="text"  placeholder="Mehedi" class="inputName"/></p>

            <span asp-validation-for="Name" class="text-danger"></span>

         <p>Salary: <input asp-for="Salary"  type="text"  placeholder="10" class="inputSalary inputName"/></p>

             <span asp-validation-for="Salary" class="text-danger"></span>

         <p>Phone: <input asp-for="Phone" type="text"  placeholder="017\*\*" class="inputPhone inputName"/></p>

            <span asp-validation-for="Phone" class="text-danger"></span>

         <p>Email: <input asp-for="Email" type="email"  placeholder="me@gmail.com" class="inputEmail inputName"/></p>

            <span asp-validation-for="Email" class="text-danger"></span>

         <p>Password: <input asp-for="Password" type="password"  placeholder="a-zA-Z0-9" class="inputPassword inputName"/></p>

            <span asp-validation-for="Password" class="text-danger"></span>

         <button type="submit">Login</button>

    </form>

</div>

    </div>

</div>

**Delete.cshtml**

@model Employe

<link rel="stylesheet" href="~/css/home.css">

<link rel="stylesheet" href="~/css/admin.css">

<header class="Header">

    <li> <a asp-area="" asp-controller="Home" asp-action="Index">Home</a></li>

    <li><a asp-area="" asp-controller="Home" asp-action="Index">Logout</a></li>

</header>

<div class="Wrapper">

    <div class="leftSide">

       <ul class="leftSideUl">

           <li><a asp-area="" asp-controller="Admin" asp-action="Admin">Employe Details</a></li>

           <li><a asp-area="" asp-controller="Admin" asp-action="add">Add new</a></li>

           <li><a asp-area="" asp-controller="Admin" asp-action="task">Task</a></li>

           <li><a asp-area="" asp-controller="Admin" asp-action="query">Query</a></li>

       </ul>

    </div>

    <div class="rightSide">

      <div class="loginForm">

    <p class="loginHeading">Delete Employe</p>

    <form  method="post" asp-action="DeletePost">

        <input asp-for="Id" hidden >

        <p>Name: <input disabled asp-for="Name" type="text"  placeholder="Mehedi" class="inputName"/></p>

         <p>Salary: <input disabled asp-for="Salary"  type="text"  placeholder="10" class="inputSalary inputName"/></p>

         <p>Phone: <input disabled asp-for="Phone" type="text"  placeholder="017\*\*" class="inputPhone inputName"/></p>

         <p>Email: <input disabled asp-for="Email" type="email"  placeholder="me@gmail.com" class="inputEmail inputName"/></p>

         <p>Password: <input disabled asp-for="Password" type="password"  placeholder="a-zA-Z0-9" class="inputPassword inputName"/></p>

         <button type="submit" class="btn btn-danger">Delete</button>

        <button> <a asp-controller="Admin" asp-action="admin">Cancel</a> </button>

     </form>

</div>

    </div>

</div>

**Edit.cshtml**

@model Employe

<link rel="stylesheet" href="~/css/home.css">

<link rel="stylesheet" href="~/css/admin.css">

<header class="Header">

    <li> <a asp-area="" asp-controller="Home" asp-action="Index">Home</a></li>

    <li><a asp-area="" asp-controller="Home" asp-action="Index">Logout</a></li>

</header>

<div class="Wrapper">

    <div class="leftSide">

       <ul class="leftSideUl">

           <li><a asp-area="" asp-controller="Admin" asp-action="Admin">Employe Details</a></li>

           <li><a asp-area="" asp-controller="Admin" asp-action="add">Add new</a></li>

           <li><a asp-area="" asp-controller="Admin" asp-action="task">Task</a></li>

           <li><a asp-area="" asp-controller="Admin" asp-action="query">Query</a></li>

       </ul>

    </div>

    <div class="rightSide">

      <div class="loginForm">

    <p class="loginHeading">Edit Employe</p>

    <form action="" method="post">

        <p>Name: <input asp-for="Name" type="text"  placeholder="Mehedi" class="inputName"/></p>

            <span asp-validation-for="Name" class="text-danger"></span>

         <p>Salary: <input asp-for="Salary"  type="text"  placeholder="10" class="inputSalary inputName"/></p>

             <span asp-validation-for="Salary" class="text-danger"></span>

         <p>Phone: <input asp-for="Phone" type="text"  placeholder="017\*\*" class="inputPhone inputName"/></p>

            <span asp-validation-for="Phone" class="text-danger"></span>

         <p>Email: <input asp-for="Email" type="email"  placeholder="me@gmail.com" class="inputEmail inputName"/></p>

            <span asp-validation-for="Email" class="text-danger"></span>

         <div>

             <button type="submit">Update</button>

        <button> <a asp-controller="Admin" asp-action="admin">Cancel</a> </button>

         </div>

    </form>

</div>

    </div>

</div>

**newTask.cshtml**

@model TaskE

<link rel="stylesheet" href="~/css/home.css">

<link rel="stylesheet" href="~/css/admin.css">

<header class="Header">

    <li> <a asp-area="" asp-controller="Home" asp-action="formAdmin">Home</a></li>

    <li><a asp-area="" asp-controller="Home" asp-action="formWorker">Logout</a></li>

</header>

<div class="Wrapper">

    <div class="leftSide">

        <ul class="leftSideUl">

            <li><a asp-area="" asp-controller="Admin" asp-action="admin">Employe Details</a></li>

            <li><a asp-area="" asp-controller="Admin" asp-action="add">Add new</a></li>

            <li><a asp-area="" asp-controller="Admin" asp-action="task">Task</a></li>

            <li><a asp-area="" asp-controller="Admin" asp-action="query">Query</a></li>

        </ul>

    </div>

    <div class="rightSide">

        <div class="loginForm">

            <p class="loginHeading">Assign New Task</p>

            <form action="" method="post">

                <p class="fromP">ID: <input  asp-for="Id" type="text"  name="" id="" class="inputID" placeholder=@ViewData["ID"] > </p>

                 <span asp-validation-for="Id" class="text-danger"></span>

                 <p class="fromDate">Name: <input  asp-for="Name" type="text" class="inputDate" placeholder=@ViewData["Name"] /></p>

                  <span asp-validation-for="Name" class="text-danger"></span>

                <p class="fromDate">Date: <input asp-for="Date" type="date" class="inputDate" /></p>

                  <span asp-validation-for="Date" class="text-danger"></span>

                  <p class="fromDate">Phone: <input asp-for="Phone" type="text" class="inputDate" /></p>

                  <span asp-validation-for="Phone" class="text-danger"></span>

                <p class="fromDate">Status: <input asp-for="Status" type="text" class="inputDate" placeholder="Not done" ></p>

                 <span asp-validation-for="Status" class="text-danger"></span>

                <p class="fromDec" style="margin-top:10px">Description: </p>

                <input asp-for="Details" type="text" class="inputText" placeholder="Submit file Today" />

                 <span asp-validation-for="Details" class="text-danger"></span>

                <button type="submit">Submit</button>

            </form>

        </div>

    </div>

</div>

**Query.cshtml**

@model IEnumerable<Application>

@{

  ViewData["Title"] = "Application Query";

}

<script src='https://kit.fontawesome.com/a076d05399.js' crossorigin='anonymous'></script>

<link rel="stylesheet" href="~/css/home.css">

<link rel="stylesheet" href="~/css/admin.css">

<header class="Header">

    <li> <a asp-area="" asp-controller="Home" asp-action="Index">Home</a></li>

    <li><a asp-area="" asp-controller="Home" asp-action="Index">Logout</a></li>

</header>

<div class="Wrapper">

  <div class="leftSide">

    <ul class="leftSideUl">

      <li><a asp-area="" asp-controller="Admin" asp-action="Admin">Employe Details</a></li>

      <li><a asp-area="" asp-controller="Admin" asp-action="add">Add new</a></li>

      <li><a asp-area="" asp-controller="Admin" asp-action="task">Task</a></li>

      <li><a asp-area="" asp-controller="Admin" asp-action="query">Query</a></li>

    </ul>

  </div>

  <div class="rightSide">

    <div class="upperPart">

      <h2>Application Query</h2>

    </div>

    <div class="lowerPart">

      <div id="Querybody" class="applicationquerybody">

        <div class="applicationtable">

          <div class="apptable-title">

            <div class="apptable">

              <table>

                <tr>

                  <th>Employee Id</th>

                  <th>Employee Name</th>

                  <th>Application type</th>

                  <th>Application Date</th>

                  <th>Application Status</th>

                  <th>Action</th>

                </tr>

                @foreach (var obj in Model)

                {

                  <tr class="row1">

                    <td>@obj.Id</td>

                    <td id="emplename"><i class='fas'>&#xf406;</i><span>@obj.Name</span></td>

                    <td>@obj.Subject</td>

                    <td>@obj.Date</td>

                    <td><button id="pending">@obj.Status</button> </td>

                    <td><a asp-controller="Admin" asp-action="showMore" asp-route-id="@obj.Id">view more</a> </td>

                  </tr>

                }

              </table>

            </div>

          </div>

        </div>

      </div>

    </div>

**Task.cshtml**

@model IEnumerable<TaskE>

<link rel="stylesheet" href="~/css/home.css">

<link rel="stylesheet" href="~/css/admin.css">

<header class="Header">

    <li> <a asp-area="" asp-controller="Home" asp-action="Index">Home</a></li>

    <li><a asp-area="" asp-controller="Home" asp-action="Index">Logout</a></li>

</header>

<div class="Wrapper">

    <div class="leftSide">

        <ul class="leftSideUl">

            <li><a asp-area="" asp-controller="Admin" asp-action="admin">Employe Details</a></li>

            <li><a asp-area="" asp-controller="Admin" asp-action="add">Add new</a></li>

            <li><a asp-area="" asp-controller="Admin" asp-action="task">Task</a></li>

            <li><a asp-area="" asp-controller="Admin" asp-action="query">Query</a></li>

        </ul>

    </div>

    <div class="rightSide">

        <div class="upperPart">

            <div>

                <p class="taskDetailsP"><a asp-area="" asp-controller="Admin" asp-action="task">Task Details</a></p>

            </div>

            <div>

                <p class="taskDetailsP"><a asp-area="" asp-controller="Admin" asp-action="admin">New Task</a></p>

            </div>

        </div>

        <div class="lowerPart">

            @foreach (var obj in Model)

            {

                <div class="Box">

                    <p>ID: @obj.Id </p>

                    <p>Name: @obj.Name</p>

                     <p>Phone: @obj.Phone</p>

                    <p>Status: @obj.Status</p>

                    <button class="taskDetailsBtn">

                         <a asp-controller="Admin" asp-action="TaskDetails" asp-route-id="@obj.Id">Details</a>

                    </button>

                    <button class="taskDeleteBtn">

                         <a  asp-controller="Admin" asp-action="TaskDelete" asp-route-id="@obj.Id">Delete</a>

                    </button>

                </div>

            }

        </div>

    </div>

</div>

</div>

**Worker folder**

**Profile.cshtm**

@model Employe

  <head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width,initial-scale=1.0">

    <title>Employee's profile</title>

    </head>

    <body>

        <div class="container">

            <div class="main">

                <div class="topbar">

                    <a asp-controller="Home" asp-action="Index" >Logout</a>

                    <a asp-controller="Worker" asp-action="Index" asp-route-id="@Model.Id">Home</a>

                    <a asp-controller="Worker" asp-action="Task" asp-route-id="@Model.Id">Assigned Task</a>

                    <a asp-controller="Worker" asp-action="Application" asp-route-id="@Model.Id" >Application</a>

                    </div>

                    <div class="row">

                        <div class="col-md-4 mt-1">

                            <div class="card text-centre sidebar">

                                <div class="card-body">

                                    <img src="https://static.vecteezy.com/system/resources/previews/002/318/271/original/user-profile-icon-free-vector.jpg" class="rounded-circle" width="100">

                                    <div class="mt-3">

                                        <h2> @Model.Name </h2>

                                    </div>

                            </div>

                    </div>

        </div>

        <div class="col-md-8 mt-1">

            <div class="Card mb-3 content">

                <h1 class="m-3 pt-3">About</h1>

                <div class="card-body">

                    <div class="row">

                        <div class="col-md-3">

                            <h5>Full Name</h5>

                        </div>

                        <div class="col-md-9 text-secondary">

                           @Model.Name

                        </div>

                </div>

                <hr>

                <div class="row">

                    <div class="col-md-3">

                        <h5>Email</h5>

                    </div>

                    <div class="col-md-9 text-secondary">

                        @Model.Email

                    </div>

                </div>

                <hr>

                <div class="row">

                    <div class="col-md-3">

                        <h5>Phone</h5>

                        </div>

                    <div class="col-md-9 text-secondary">

                       @Model.Phone

                    </div>

                </div>

                <hr>

                <div class="row">

                    <div class="col-md-3">

                        <h5>Salary</h5>

                    </div>

                    <div class="col-md-9 text-secondary">

                       @Model.Salary

                        </div>

                    </div>

                    <hr>

                </div>

             </div>

                      </div>

                      </div>

                 </div>

             </div>

        </div>

                 </div>

             </div>

             </div>

    </body>

**Task.cshtml**

@model TaskE

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width,initial-scale=1.0">

  <title>Assigned Task</title>

</head>

<body>

  <div class="container">

    <div class="main">

      <div class="topbar">

        <a asp-controller="Home" asp-action="Index">Logout</a>

        <a asp-controller="Worker" asp-action="Index" asp-route-id="@Model.Id">Home</a>

        <a asp-controller="Worker" asp-action="Task" asp-route-id="@Model.Id">Assigned Task</a>

        <a asp-controller="Worker" asp-action="Application" asp-route-id="@Model.Id">Application</a>

      </div>

      <div class="topbar">

        <div class="title">

          <h2 style="color :white;  text-align: center;">Task Management</h2>

        </div>

      </div>

      <div class="tasktable">

        <div class="table-title">

        </div>

        <div class="apptable">

          <table>

            <tr>

              <th>Task No</th>

              <th>Task details</th>

              <th>Assign date</th>

              @\* <th>Due Date</th> \*@

              <th>Task Status</th>

            </tr>

            <tr class="row1">

              <td>@Model.Id</td>

              <td><a asp-controller="Worker" asp-action="showDetails" asp-route-id="@Model.Id">View more</a></td>

              <td>@Model.Date</td>

              @\* <td>20/03/2022 </td> \*@

              <td><button id="ongoing">@Model.Status</button> </td>

            </tr>

          </table>

        </div>

      </div>

    </div>

</body>

**Application.cshtml**

@model Application

<!DOCTYPE html>

<html lang="en">

<head>

    <title>Automatic Popup</title>

    <!--Google Fonts-->

    <link href="https://fonts.googleapis.com/css2?family=Poppins&display=swap" rel="stylesheet">

    <!--Stylesheets-->

    <link rel="stylesheet" href="~/css/home.css">

    <link rel="stylesheet" href="~/css/admin.css">

</head>

<body>

    <div class="popup">

        <a class="a" asp-controller="Worker" asp-action="Index" asp-route-id="@ViewData["ID"]"> <button id="Back">Back</button>

        </a>

        <a asp-controller="Worker" asp-action="Index" asp-route-id="@ViewData["ID"]"> <button class="button1" id="close">&times;</button> </a>

        <h2 style="color : green;">Application Box</h2>

        <form action="" method="post">

            <p class="fromP">ID: <input asp-for="Id" type="text" name="" id="" class="inputID"

                    placeholder=@ViewData["ID"]> </p>

            <span asp-validation-for="Id" class="text-danger"></span>

            <p class="fromDate">Name: <input asp-for="Name" type="text" class="inputDate"

                    placeholder=@ViewData["Name"] /></p>

            <span asp-validation-for="Name" class="text-danger"></span>

            <p class="fromDate">Subject: <input asp-for="Subject" type="text" class="inputDate" /></p>

            <span asp-validation-for="Subject" class="text-danger"></span>

            <p class="fromDate">Date: <input asp-for="Date" type="date" class="inputDate" /></p>

            <span asp-validation-for="Date" class="text-danger"></span>

            <p class="fromDate">Status <input asp-for="Status" type="text" class="inputDate" placeholder="Request"></p>

            <span asp-validation-for="Status" class="text-danger"></span>

            <p class="fromDec" style="margin-top:10px">Description: </p>

            <input asp-for="Description" type="text" class="inputText" placeholder="Write down your words" />

            <span asp-validation-for="Description" class="text-danger"></span>

            <button class="btn\_last" type="submit">Submit</button>

        </form>

    </div>

    <script type="text/javascript">

        window.addEventListener("load", function () {

            setTimeout(

                function open(event) {

                    document.querySelector(".popup").style.display = "block";

                },

                2000

            )

        });

        document.querySelector("#close").addEventListener("click", function () {

            document.querySelector(".popup").style.display = "none";

        });

    </script>

</body>

</html>