



Online Post Office Management System

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Home Controller

```
public class HomeController : Controller
{
    // GET: Home
    public ActionResult Index()
    {
        return View();
    }
    public ActionResult Service()
    {
        return View();
    }
    public ActionResult About()
    {
        return View();
    }
    public ActionResult Contact()
    {
        return View();
    }
    public ActionResult Shipping()
    {
        return View();
    }
    public ActionResult Track()
    {
        return View();
    }
    public ActionResult Head()
    {
```



```

        return View();
    }
    public ActionResult Employee()
    {
        return View();
    }
    public ActionResult Customer()
    {
        return View();
    }
}
}

```

Login Controller

```

public class LoginController : Controller
{
    private PostOfficeDBEntities db = new
PostOfficeDBEntities();
    // GET: Login
    public ActionResult Index()
    {
        return View();
    }
    [HttpPost]
    public ActionResult Index(Customer
cus, string returnUrl)
    {

```

```
        var login = db.Customer.Where(a =>
a.Email == cus.Email && a.Password ==
cus.Password).FirstOrDefault();
        if (login != null)
        {
FormsAuthentication.SetAuthCookie(login.Name,
false);
            Session["role"] = login.Role;
            Session["name"] = login.Name;
            Session["id"] = login.Id;
```

```
        if (Session["role"].ToString()
== "Head")
        {
            if (ReturnUrl != null)
            {
                return
Redirect(ReturnUrl);
            }
            else
            {
                return
RedirectToAction("Head", "Home");
            }
        }
        else if
(Session["role"].ToString() == "Employee")
        {
            if (ReturnUrl != null)
            {
```

```
                                return
Redirect(ReturnUrl);
                                }
                                else
                                {
                                    return
RedirectToAction("Employee", "Home");
                                }
                                }
                                else if
(Session["role"].ToString() == "Customer")
                                {
                                    if (ReturnUrl != null)
                                    {
                                        return
Redirect(ReturnUrl);
                                    }
                                    else
                                    {
                                        return
RedirectToAction("Customer", "Home");
                                    }
                                }
                                }
                                else
                                {
                                    ViewBag.msg =
"<script>alert('Invalid
Credentials');</script>";
                                    return View();
                                }
                                return View();
```

```
    }  
  
    public ActionResult Logout()  
    {  
        FormsAuthentication.SignOut();  
        Session.Abandon();  
        return  
RedirectToAction("Index", "Home");  
    }  
}  
}
```

Customers Controller

```
public class CustomersController : Controller  
{  
    private PostOfficeDBEntities db = new  
PostOfficeDBEntities();  
  
    // GET: Customers  
    public ActionResult Index()  
    {  
        return View(db.Customer.ToList());  
    }  
  
    // GET: Customers/Details/5  
    public ActionResult Details(int? id)  
    {  
        if (id == null)  
        {
```

```
        return new  
        HttpStatusCodeResult(HttpStatusCode.BadRequest);  
    }  
    Customer customer =  
db.Customer.Find(id);  
    if (customer == null)  
    {  
        return HttpNotFound();  
    }  
    return View(customer);  
}
```

```
// GET: Customers/Create  
public ActionResult Create()  
{  
    return View();  
}
```

```
// POST: Customers/Create  
// To protect from overposting attacks,  
please enable the specific properties you want  
to bind to, for  
// more details see  
https://go.microsoft.com/fwlink/?LinkId=317598.  
[HttpPost]  
[ValidateAntiForgeryToken]  
public ActionResult Create([Bind(Include  
= "Id,Name,Email,Password,Role")] Customer  
customer)  
{  
    if (ModelState.IsValid)  
    {
```



```
        db.Customer.Add(customer);
        db.SaveChanges();
        return
RedirectToAction("Index");
    }

    return View(customer);
}

// GET: Customers/Edit/5
public ActionResult Edit(int? id)
{
    if (id == null)
    {
        return new
HttpStatusCodeResult(HttpStatusCode.BadRequest);
    }
    Customer customer =
db.Customer.Find(id);
    if (customer == null)
    {
        return HttpNotFound();
    }
    return View(customer);
}

// POST: Customers/Edit/5
// To protect from overposting attacks,
please enable the specific properties you want
to bind to, for
// more details see
https://go.microsoft.com/fwlink/?LinkId=317598.
```

```
[HttpPost]
[ValidateAntiForgeryToken]
public ActionResult Edit([Bind(Include =
"Id,Name,Email,Password,Role")] Customer
customer)
{
    if (ModelState.IsValid)
    {
        db.Entry(customer).State =
EntityState.Modified;
        db.SaveChanges();
        return
RedirectToAction("Index");
    }
    return View(customer);
}

// GET: Customers/Delete/5
public ActionResult Delete(int? id)
{
    if (id == null)
    {
        return new
HttpStatusCodeResult(HttpStatusCode.BadRequest);
    }
    Customer customer =
db.Customer.Find(id);
    if (customer == null)
    {
        return HttpNotFound();
    }
    return View(customer);
}
```

}

```
// POST: Customers/Delete/5
[HttpPost, ActionName("Delete")]
[ValidateAntiForgeryToken]
public ActionResult DeleteConfirmed(int
id)
{
    Customer customer =
db.Customer.Find(id);
    db.Customer.Remove(customer);
    db.SaveChanges();
    return RedirectToAction("Index");
}
```

```
protected override void Dispose(bool
disposing)
{
    if (disposing)
    {
        db.Dispose();
    }
    base.Dispose(disposing);
}
}
```

Customer Class

```
public int Id { get; set; }
[Required]
public string Name { get; set; }
```

```
[Required]
public string Email { get; set; }
[Required]
[DataType(DataType.Password)]
public string Password { get; set; }
[Required]
public string Role { get; set; }
```

