

addBooksController:

```
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.Entity;
using System.Linq;
using System.Net;
using System.Web;
using System.Web.Mvc;
using _20F_0292_BCS_6E_Advanced_Programming_Final.Models;

namespace _20F_0292_BCS_6E_Advanced_Programming_Final.Controllers
{
    public class addBooksController : Controller
    {
        private bookstoreDBEntities db = new bookstoreDBEntities();
        public ActionResult Index()
        {
            return View(db.addBooks.ToList());
        }
        public ActionResult Details(string id)
        {
            if (id == null)
            {
                return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
            }
            addBook addBook = db.addBooks.Find(id);
            if (addBook == null)
            {
                return HttpNotFound();
            }
            return View(addBook);
        }
        public ActionResult Create()
        {
            return View();
        }
        [HttpPost]
        [ValidateAntiForgeryToken]
        public ActionResult Create([Bind(Include =
"Title,Author,Description,Availability")] addBook addBook)
        {
            if (ModelState.IsValid)
            {
                db.addBooks.Add(addBook);
                db.SaveChanges();
                return RedirectToAction("Index");
            }

            return View(addBook);
        }
        public ActionResult Edit(string id)
        {
            if (id == null)
            {
                return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
            }
            addBook addBook = db.addBooks.Find(id);
            if (addBook == null)
            {
```

```

        return HttpNotFound();
    }
    return View(addBook);
}
[HttpPost]
[ValidateAntiForgeryToken]
public ActionResult Edit([Bind(Include =
"Title,Author,Description,Availability")] addBook addBook)
{
    if (ModelState.IsValid)
    {
        db.Entry(addBook).State = EntityState.Modified;
        db.SaveChanges();
        return RedirectToAction("Index");
    }
    return View(addBook);
}
public ActionResult Delete(string id)
{
    if (id == null)
    {
        return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
    }
    addBook addBook = db.addBooks.Find(id);
    if (addBook == null)
    {
        return HttpNotFound();
    }
    return View(addBook);
}
[HttpPost, ActionName("Delete")]
[ValidateAntiForgeryToken]
public ActionResult DeleteConfirmed(string id)
{
    addBook addBook = db.addBooks.Find(id);
    db.addBooks.Remove(addBook);
    db.SaveChanges();
    return RedirectToAction("Index");
}
protected override void Dispose(bool disposing)
{
    if (disposing)
    {
        db.Dispose();
    }
    base.Dispose(disposing);
}
}
}

```

AddUsersController:

```

using System;
using System.Collections.Generic;
using System.Data;
using System.Data.Entity;
using System.Linq;
using System.Net;
using System.Web;

```

```

using System.Web.Mvc;
using _20F_0292_BCS_6E_Advanced_Programming_Final.Models;

namespace _20F_0292_BCS_6E_Advanced_Programming_Final.Controllers
{
    public class addUsersController : Controller
    {
        private bookstoreDBEntities db = new bookstoreDBEntities();
        public ActionResult Index()
        {
            return View(db.addUsers.ToList());
        }
        public ActionResult Details(int? id)
        {
            if (id == null)
            {
                return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
            }
            addUser addUser = db.addUsers.Find(id);
            if (addUser == null)
            {
                return HttpNotFound();
            }
            return View(addUser);
        }
        public ActionResult Create()
        {
            return View();
        }
        [HttpPost]
        [ValidateAntiForgeryToken]
        public ActionResult Create([Bind(Include =
"ID,Name,Age,Gender,Address,Password")] addUser addUser)
        {
            if (ModelState.IsValid)
            {
                db.addUsers.Add(addUser);
                db.SaveChanges();
                return RedirectToAction("Index");
            }

            return View(addUser);
        }
        public ActionResult Edit(int? id)
        {
            if (id == null)
            {
                return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
            }
            addUser addUser = db.addUsers.Find(id);
            if (addUser == null)
            {
                return HttpNotFound();
            }
            return View(addUser);
        }
        [HttpPost]
        [ValidateAntiForgeryToken]
        public ActionResult Edit([Bind(Include =
"ID,Name,Age,Gender,Address,Password")] addUser addUser)
        {
            if (ModelState.IsValid)

```

```

        {
            db.Entry(addUser).State = EntityState.Modified;
            db.SaveChanges();
            return RedirectToAction("Index");
        }
        return View(addUser);
    }
    public ActionResult Delete(int? id)
    {
        if (id == null)
        {
            return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
        }
        addUser addUser = db.addUsers.Find(id);
        if (addUser == null)
        {
            return HttpNotFound();
        }
        return View(addUser);
    }
    [HttpPost, ActionName("Delete")]
    [ValidateAntiForgeryToken]
    public ActionResult DeleteConfirmed(int id)
    {
        addUser addUser = db.addUsers.Find(id);
        db.addUsers.Remove(addUser);
        db.SaveChanges();
        return RedirectToAction("Index");
    }
    protected override void Dispose(bool disposing)
    {
        if (disposing)
        {
            db.Dispose();
        }
        base.Dispose(disposing);
    }
}
}

```

AdminsController:

```

using System;
using System.Collections.Generic;
using System.Data;
using System.Data.Entity;
using System.Linq;
using System.Net;
using System.Web;
using System.Web.Mvc;
using _20F_0292_BCS_6E_Advanced_Programming_Final.Models;

namespace _20F_0292_BCS_6E_Advanced_Programming_Final.Controllers
{
    public class AdminsController : Controller
    {
        private bookstoreDBEntities db = new bookstoreDBEntities();
        public ActionResult Index()
        {
            return View(db.Admins.ToList());
        }
    }
}

```

```

public ActionResult Details(int? id)
{
    if (id == null)
    {
        return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
    }
    Admin admin = db.Admins.Find(id);
    if (admin == null)
    {
        return HttpNotFound();
    }
    return View(admin);
}
public ActionResult Create()
{
    return View();
}
[HttpPost]
[ValidateAntiForgeryToken]
public ActionResult Create([Bind(Include = "ID,Name,Password")] Admin admin)
{
    if (ModelState.IsValid)
    {
        db.Admins.Add(admin);
        db.SaveChanges();
        return RedirectToAction("Index");
    }

    return View(admin);
}
public ActionResult Edit(int? id)
{
    if (id == null)
    {
        return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
    }
    Admin admin = db.Admins.Find(id);
    if (admin == null)
    {
        return HttpNotFound();
    }
    return View(admin);
}
[HttpPost]
[ValidateAntiForgeryToken]
public ActionResult Edit([Bind(Include = "ID,Name,Password")] Admin admin)
{
    if (ModelState.IsValid)
    {
        db.Entry(admin).State = EntityState.Modified;
        db.SaveChanges();
        return RedirectToAction("Index");
    }
    return View(admin);
}
public ActionResult Delete(int? id)
{
    if (id == null)
    {
        return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
    }
    Admin admin = db.Admins.Find(id);

```

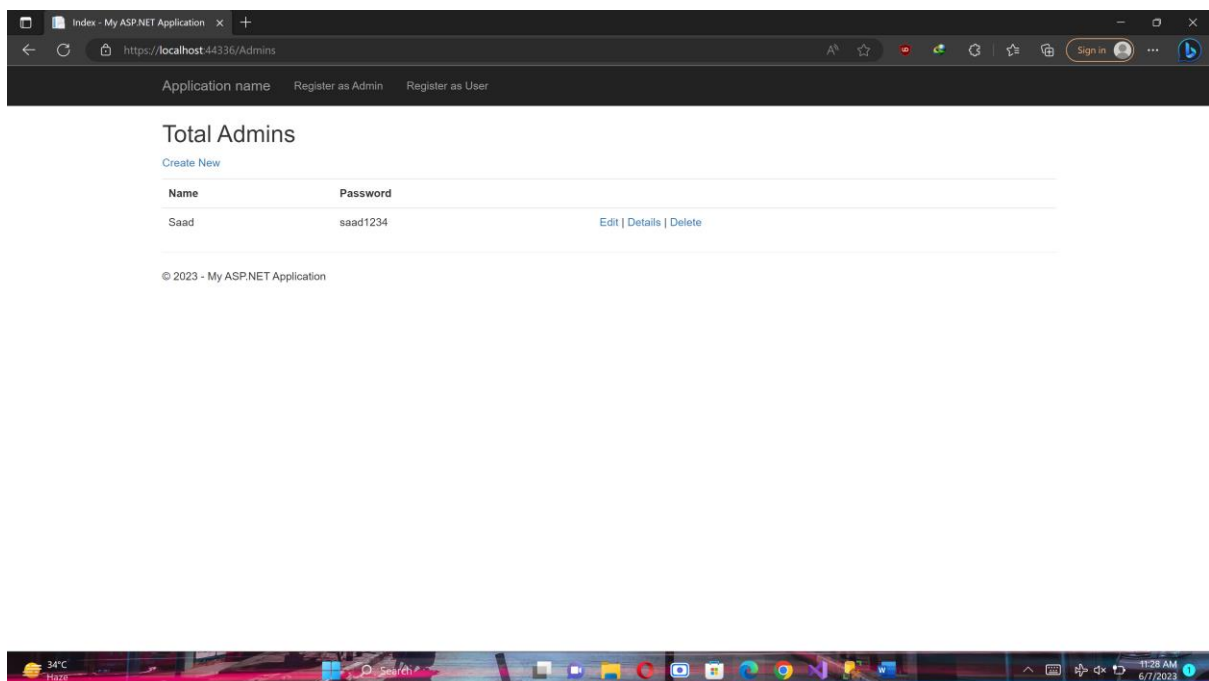
```

        if (admin == null)
        {
            return HttpNotFound();
        }
        return View(admin);
    }
    [HttpPost, ActionName("Delete")]
    [ValidateAntiForgeryToken]
    public ActionResult DeleteConfirmed(int id)
    {
        Admin admin = db.Admins.Find(id);
        db.Admins.Remove(admin);
        db.SaveChanges();
        return RedirectToAction("Index");
    }
    protected override void Dispose(bool disposing)
    {
        if (disposing)
        {
            db.Dispose();
        }
        base.Dispose(disposing);
    }
}
}

```

Admin Table:

Insertion in Admin Table:



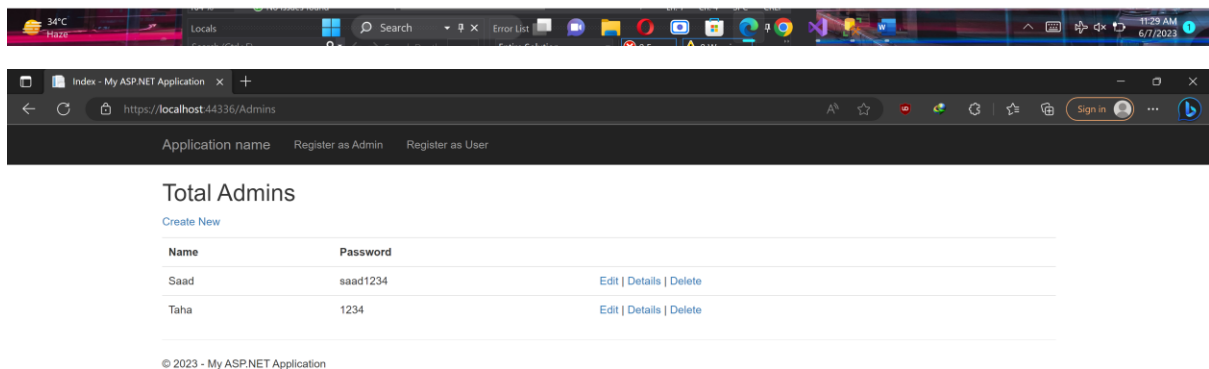
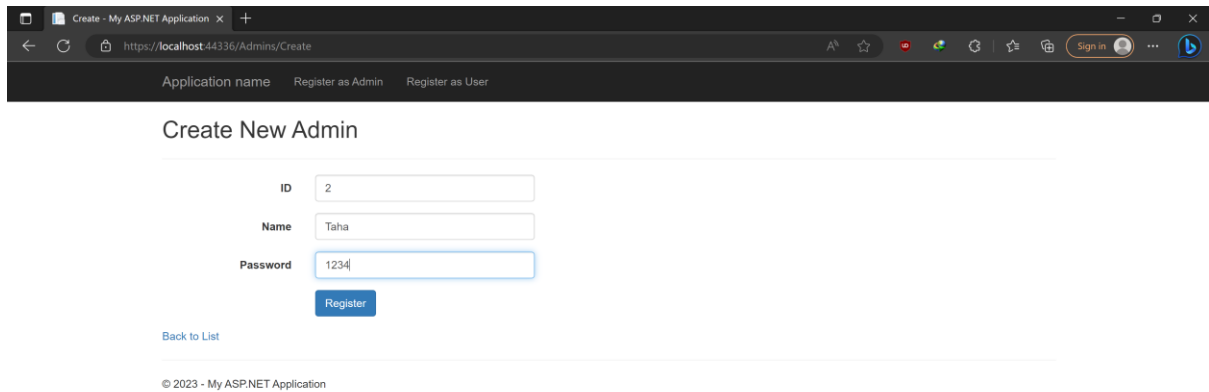
Application name Register as Admin Register as User

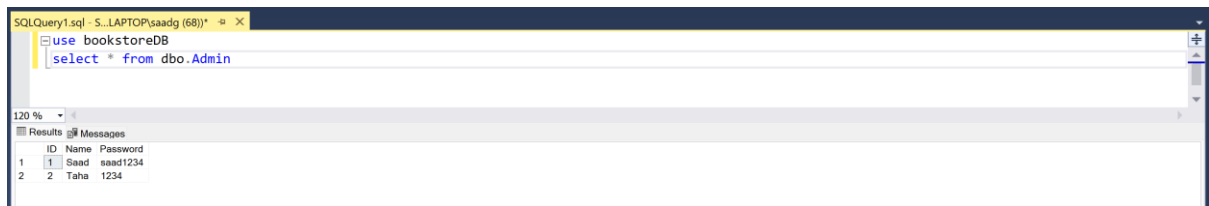
Total Admins

[Create New](#)

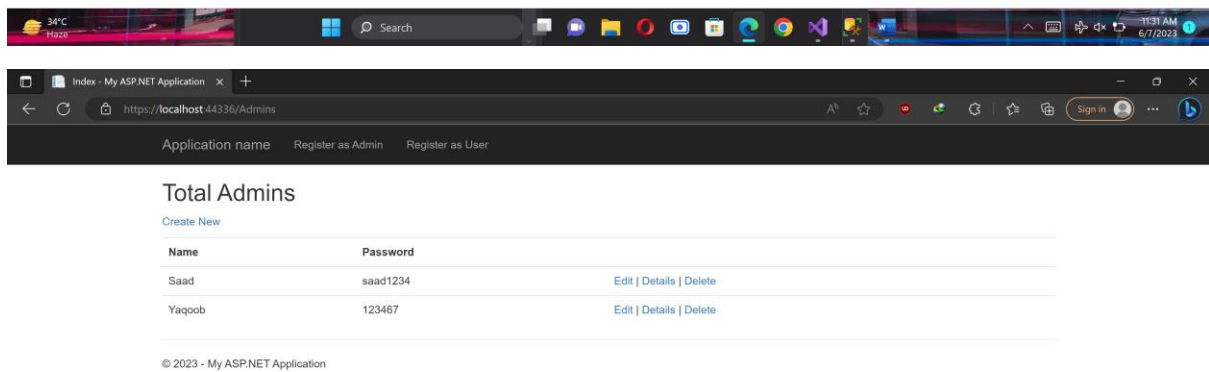
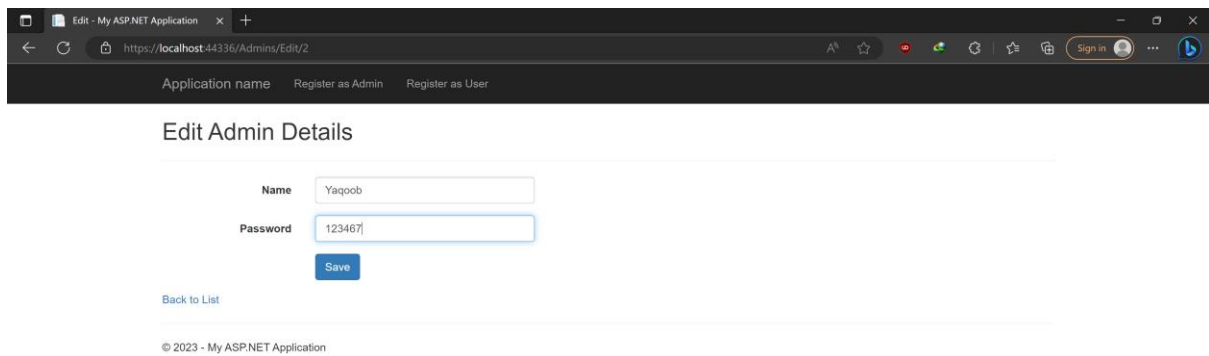
Name	Password	
Saad	saad1234	Edit Details Delete

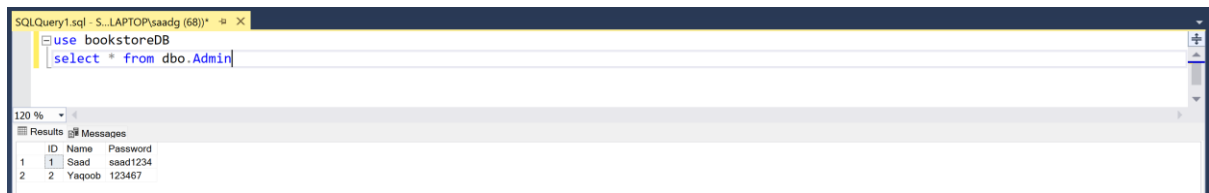
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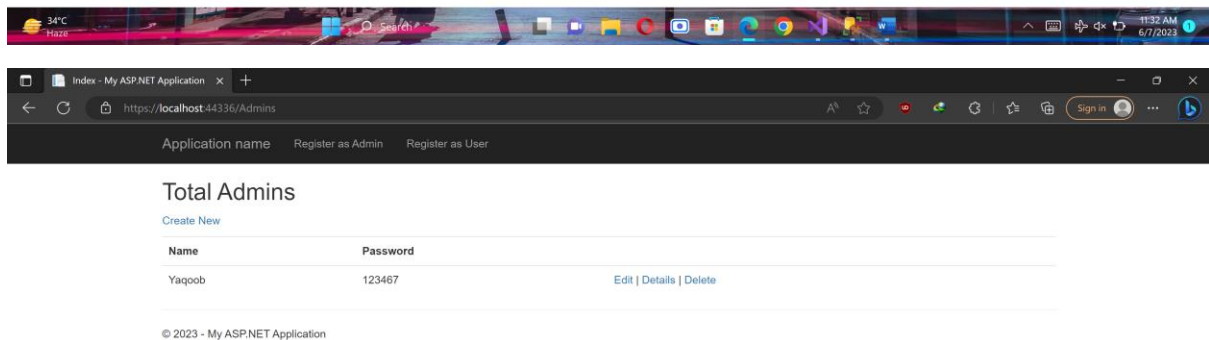
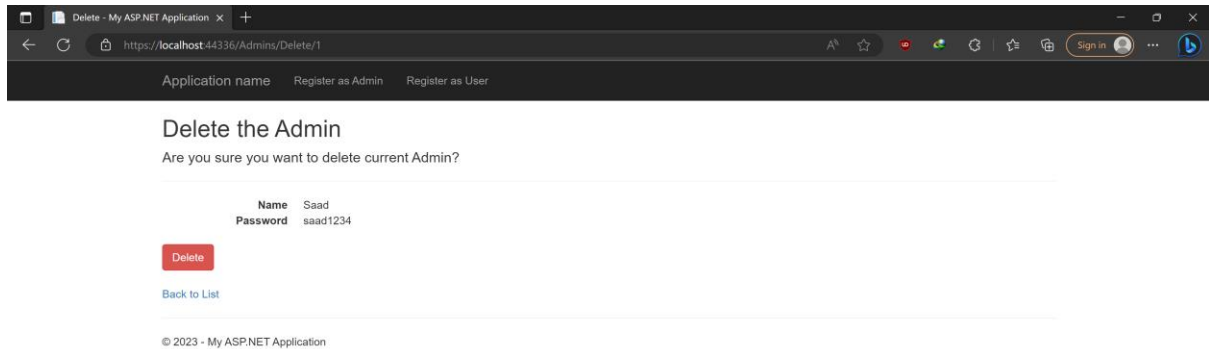


Updation in Admin Table:





Deletion in Admin Table:



```
SQLQuery1.sql - S:_LAPTOP\saadg (68)*
use bookstoreDB
select * from dbo.Admin
```

120 %

Results Messages

ID	Name	Password
1	Yaqoob	123467

Users Table:

Nothing yet in the users table....

```
SQLQuery1.sql - S:_LAPTOP\saadg (68)*
use bookstoreDB
select * from dbo.addUsers
```

120 %

Results Messages

ID	Name	Age	Gender	Address	Password
----	------	-----	--------	---------	----------

Insertion in Users Table:

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https://localhost:44336/addUsers

Application name Register as Admin Register as User

List of all Registered Users

[Create New](#)

Name	Age	Gender	Address	Password	
Wasif	20	male	Fsd	345	Edit Details Delete
Younus	54	male	Saudi	8947	Edit Details Delete

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```
~vsE5FA.sql - SAA_LAPTOP\saadg (86)*
use bookstoreDB
select * from dbo.addUsers
```

120 %

Results Messages

ID	Name	Age	Gender	Address	Password
1	Wasif	20	male	Fsd	345
2	Younus	54	male	Saudi	8947

Create - My ASP.NET Application x +

https://localhost:44336/addUsers/Create

Application name Register as Admin Register as User

Register as a User

ID

Name

Age

Gender

Address

Password

[Back to List](#)

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https://localhost:44336/addUsers

Application name Register as Admin Register as User

List of all Registered Users

[Create New](#)

Name	Age	Gender	Address	Password	
Wasif	20	male	Fsd	345	Edit Details Delete
Younus	54	male	Saudi	8947	Edit Details Delete
Hashim	65	male		hashem	Edit Details Delete

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~vsE5FA.sql - SAA...LAPTOP(saadg (86)) x

use bookstoreDB

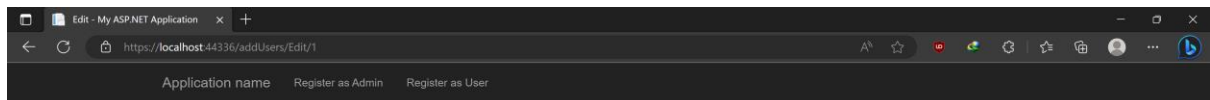
```
select * from dbo.addUsers
```

120 %

Results Messages

ID	Name	Age	Gender	Address	Password
1	Wasif	20	male	Fsd	345
2	Younus	54	male	Saudi	8947
3	44 Hashim	65	male	NULL	hashem

Updation in Users Table:

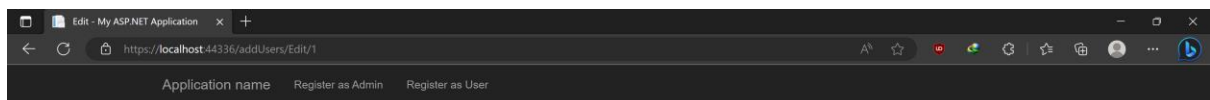


Edit Users

Name	<input type="text" value="Wasif"/>
Age	<input type="text" value="20"/>
Gender	<input type="text" value="male"/>
Address	<input type="text" value="Fsd"/>
Password	<input type="text" value="345"/>
	<input type="button" value="Save"/>

[Back to List](#)

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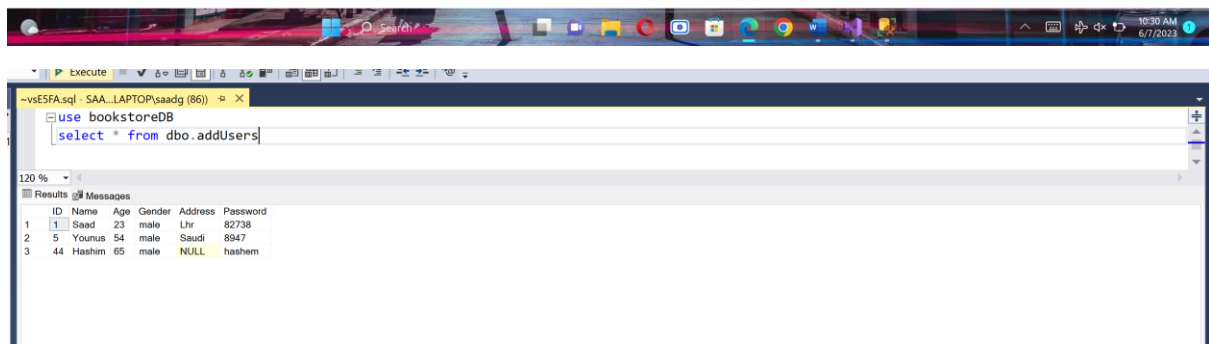
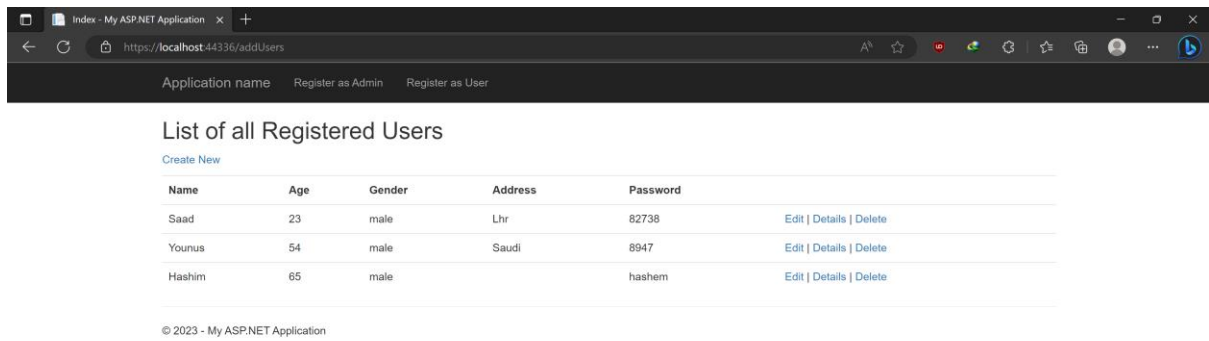
Edit Users

Name	<input type="text" value="Saad"/>
Age	<input type="text" value="23"/>
Gender	<input type="text" value="male"/>
Address	<input type="text" value="Lhr"/>
Password	<input type="text" value="82738"/>
	<input type="button" value="Save"/>

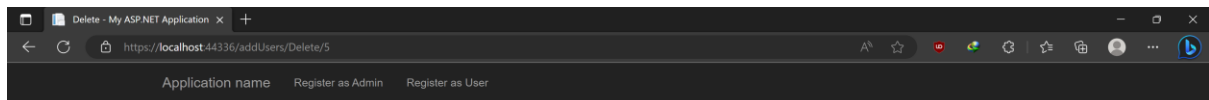
[Back to List](#)

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Deletion in Users Table:



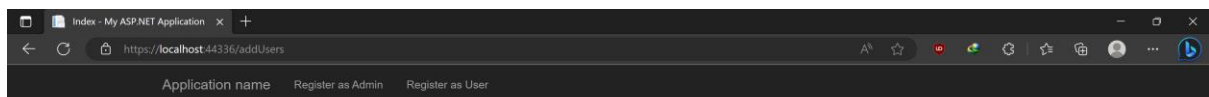
Delete User

Are you sure you want to delete this?

Name	Younus
Age	54
Gender	male
Address	Saudi
Password	8947

[Delete](#) | [Back to List](#)

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List of all Registered Users

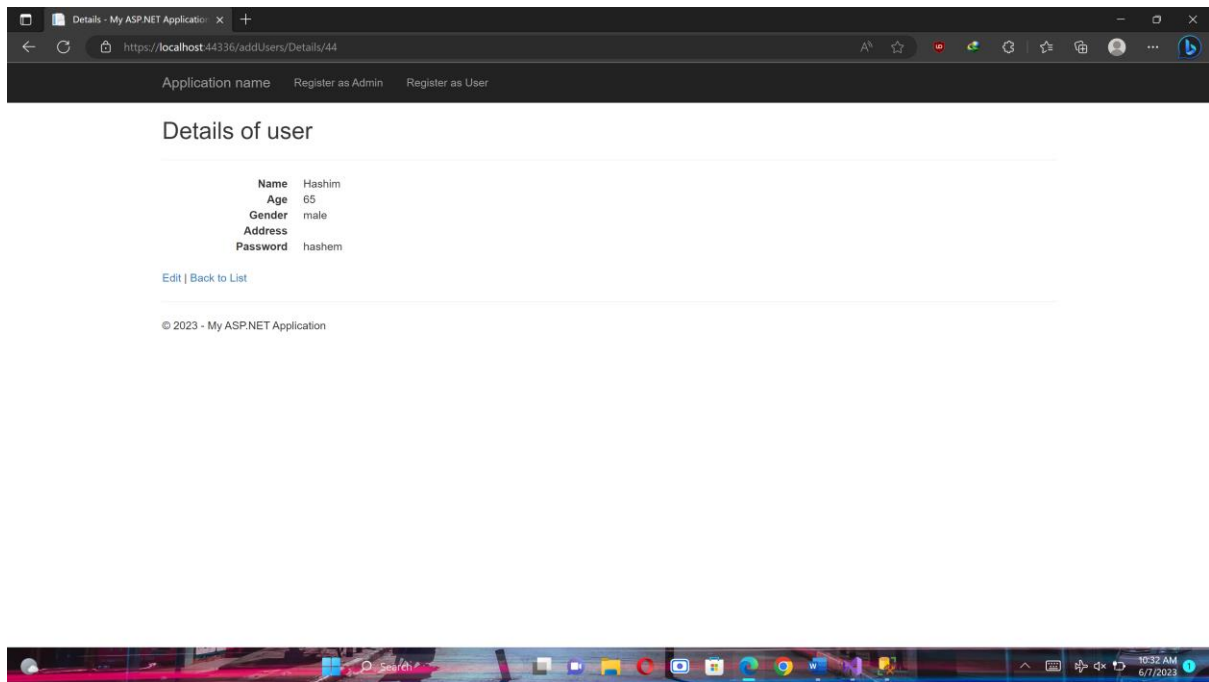
[Create New](#)

Name	Age	Gender	Address	Password	
Saad	23	male	Lhr	82738	Edit Details Delete
Hashim	65	male		hashem	Edit Details Delete

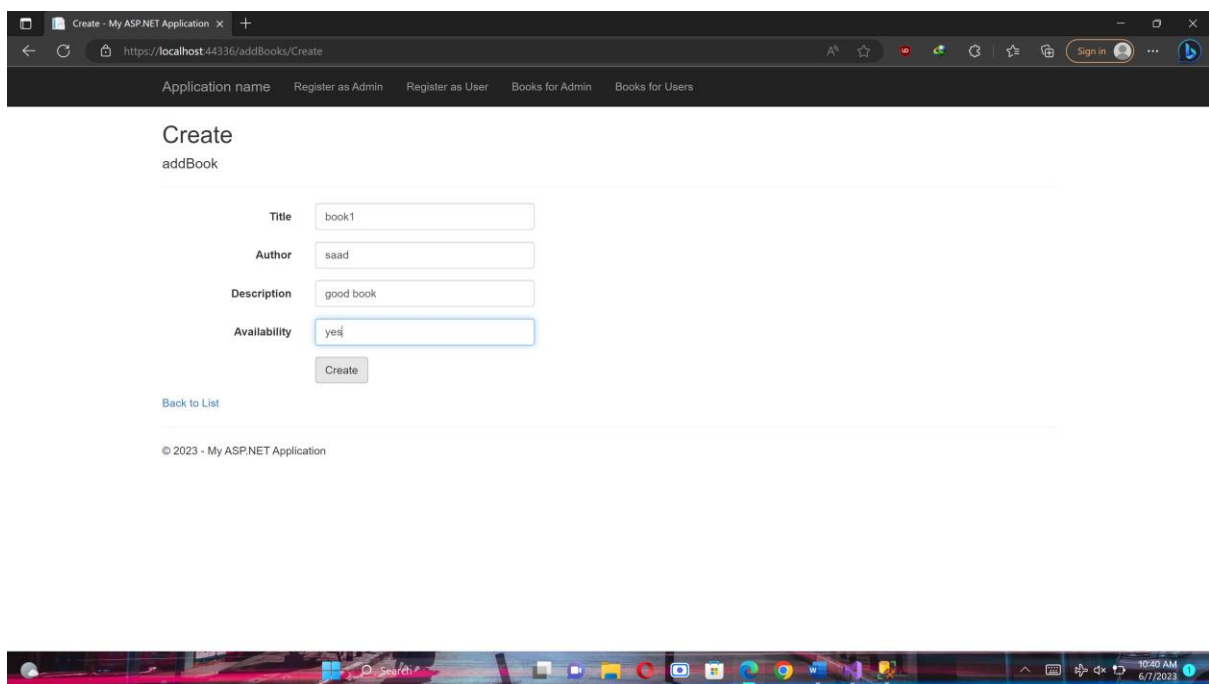
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Details in Users Table:



Books Table for admin:



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+

https://localhost:44336/addBooks

Sign in

Application nameRegister as AdminRegister as UserBooks for AdminBooks for Users

Books for Admin

Create New

Author	Description	Availability	
saad	good book	yes	Edit Details Delete

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https://localhost:44336/addBooks

Sign in

Application nameRegister as AdminRegister as UserBooks for AdminBooks for Users

Books for Admin

Create New

Author	Description	Availability	
saad	good book	no	Edit Details Delete

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