



Boobaady

e-commerce

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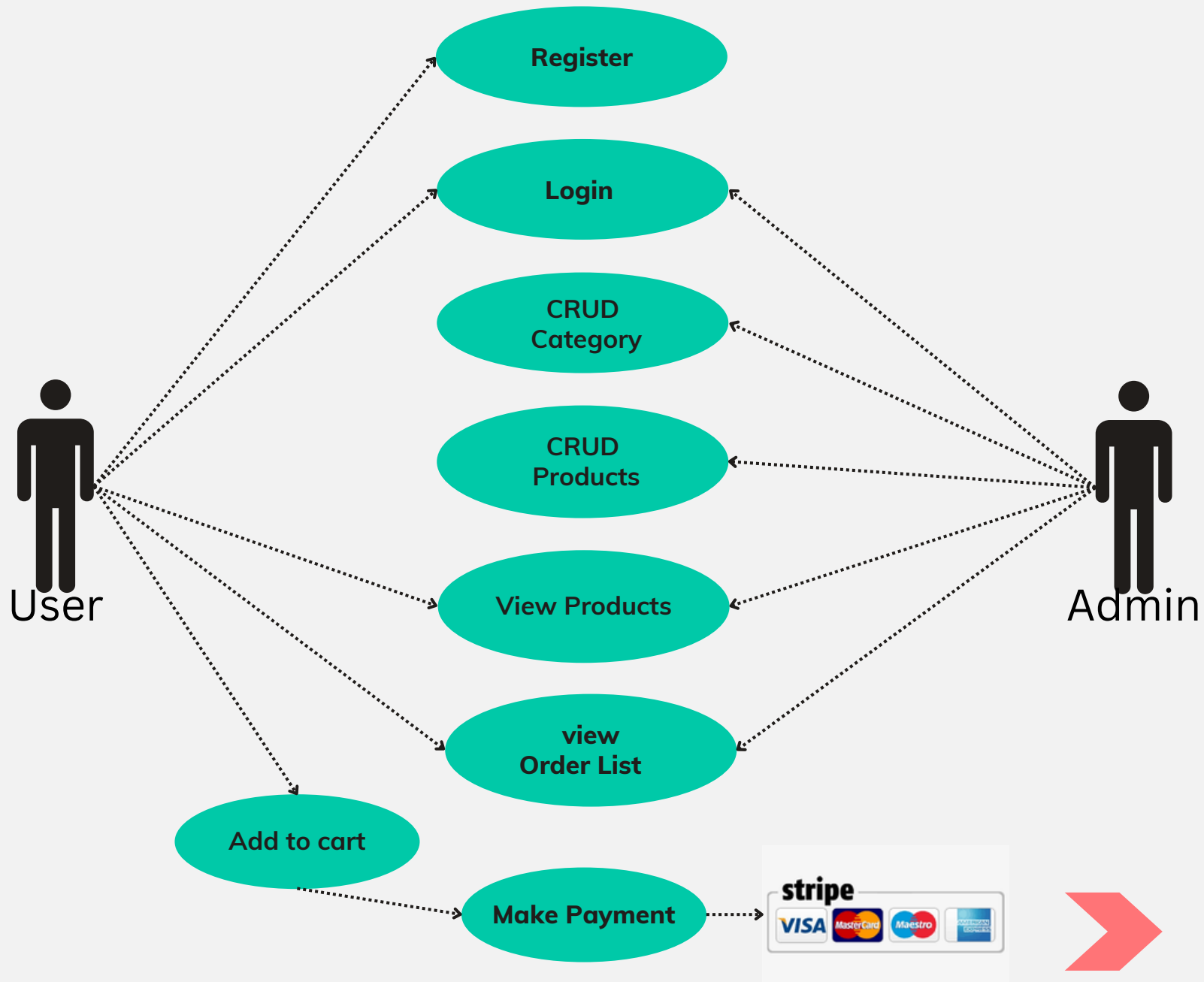


e-commerce

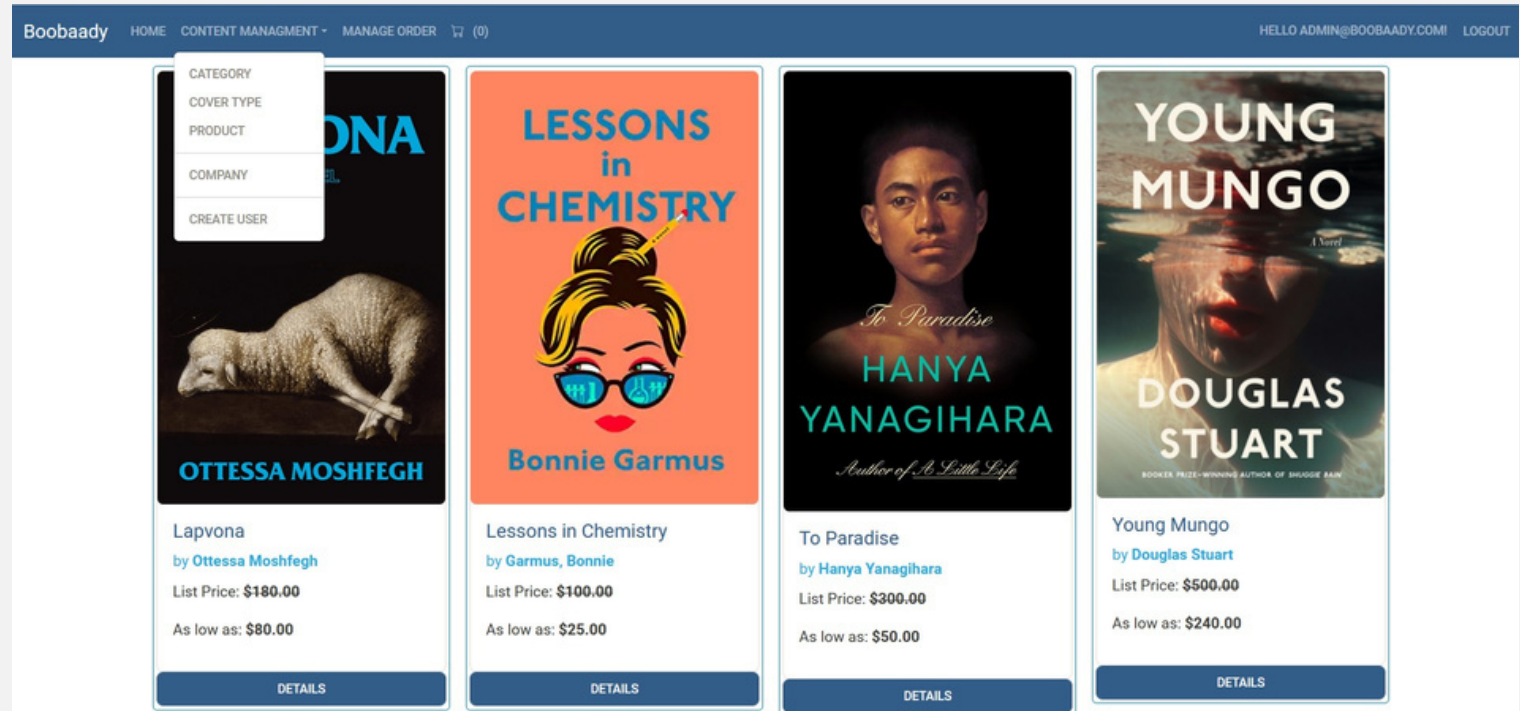
- What is e-commerce?
- Types of e-commerce.
- E-commerce applications.



Use-Case Diagram

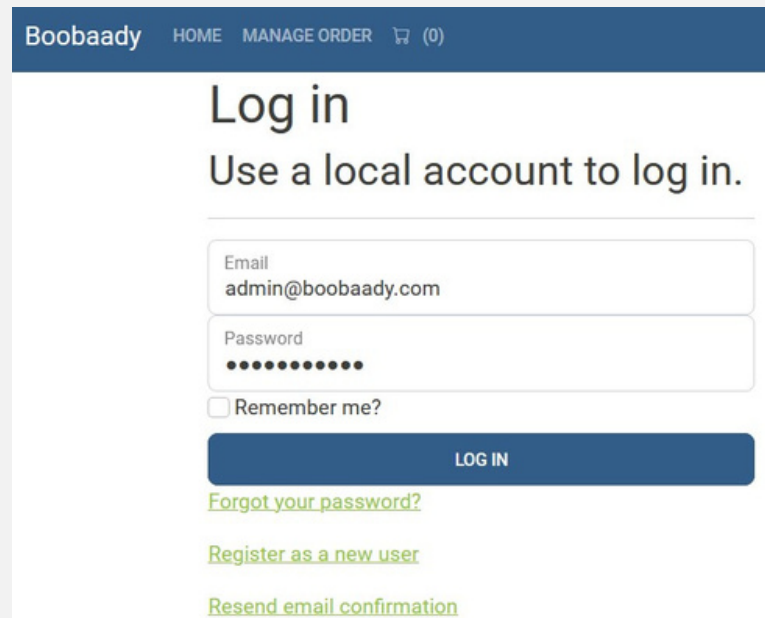


Our Solutions



The screenshot shows the Boobaady website home page. The navigation bar includes 'Boobaady', 'HOME', 'CONTENT MANAGEMENT', 'MANAGE ORDER', and a shopping cart icon with '(0)'. The user is logged in as 'HELLO ADMIN@BOOBAADY.COM'. A dropdown menu is open over the first book cover, listing options: 'CATEGORY', 'COVER TYPE', 'PRODUCT', 'COMPANY', and 'CREATE USER'. The main content area displays four book covers with their respective details:

Book Title	Author	List Price	As low as
Lapvona	Otessa Moshfegh	\$180.00	\$80.00
Lessons in Chemistry	Bonnie Garmus	\$100.00	\$25.00
To Paradise	Hanya Yanagihara	\$300.00	\$50.00
Young Mungo	Douglas Stuart	\$500.00	\$240.00



The screenshot shows the Boobaady website login page. The navigation bar includes 'Boobaady', 'HOME', 'MANAGE ORDER', and a shopping cart icon with '(0)'. The main content area features a 'Log in' section with the text 'Use a local account to log in.' Below this are input fields for 'Email' (admin@boobaady.com) and 'Password' (represented by dots). There is a 'Remember me?' checkbox and a 'LOG IN' button. At the bottom, there are three links: 'Forgot your password?', 'Register as a new user', and 'Resend email confirmation'.

Our Solutions

Category List

CREATE NEW CATEGORY

Category Name	Display Order	
Classics	4	EDIT DELETE
Horror	7	EDIT DELETE
Crime	3	EDIT DELETE
Fantasy	1	EDIT DELETE

Create Category

Name

The Name field is required.

Display Order

The Display Order field is required.

CREATE

BACK TO LIST



Our Solutions

Boobaady HOME CONTENT MANAGEMENT MANAGE ORDER (0)

Product List

CREATE NEW PRODUCT

Show 10 entries Search:

Title	ISBN	Price	Author	Category		
Black Cake	456732	39	Charmaine Wilkerson	Fantasy	EDIT	DELETE
Lapvona	2345	130	Otessa Moshfegh	Crime	EDIT	DELETE
Lessons in Chemistry	56	70	Garmus, Bonnie	Fantasy	EDIT	DELETE
Memphis	4565	350	Tara M. Stringfellow	Classic	EDIT	DELETE
To Paradise	890	150	Hanya Yanagihara	Horror	EDIT	DELETE
Violeta	876	75	Isabel Allende	Classic	EDIT	DELETE
Young Mungo	10000	420	Douglas Stuart	Horror	EDIT	DELETE

Boobaady HOME CONTENT MANAGEMENT MANAGE ORDER (0)

Create Product

Title

Trust

Description

File Edit View Insert Format

From an award-winning chronicler of our nation's history and its legends comes his much-anticipated novel about wealth and talent, trust and intimacy, truth and perception.

ISBN

566

Author

Hernan Diaz

List Price

100

Price for 1-50

90

Price for 51-100

80

Price for 100+

20

ImageUrl

Browse... 91SxYj98V2L_AC_UL320_.jpg

Category

Horror

Cover Type

softcover

CREATE BACK TO LIST

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Our Solutions

ORDER (1)

Shopping Cart CONTINUE SHOPPING

Violeta \$75.00 x 1

NEW YORK TIMES BESTSELLER • This sweeping novel from the author of *A Long Petal of the Sea* tells the epic story of Violeta Del Valle, a woman whose life spans one hundred years and bears witness to the greatest upheavals of the twentieth century.

Total (USD) **\$75.00**

SUMMARY

← DotNetBoobaady **TEST MODE**

Pay DotNetBoobaady
US\$145.00

Violeta	US\$75.00
Lessons in Chemistry	US\$70.00

Pay with card

Email

Card information

Name on card

Country or region

Securely save my information for 1-click checkout
Pay faster on DotNetBoobaady and thousands of sites.

Pay

Powered by | [Terms](#) [Privacy](#)

Our Solutions

Order List

In Process Payment Pending Completed Approved All

Show 10 entries

Search:

ID	Name	Phone Number	Email	Status	Total	
1	HOSSEIN PARSA	5149731550	hparsa3@gmail.com	Pending	220	<input type="checkbox"/>
2	Amir	5149999999	amir@gmail.com	Pending	130	<input type="checkbox"/>
3	Amir	5149999999	amir@gmail.com	Approved	130	<input type="checkbox"/>
4	Admin Admin	5149999999	admin@boobaady.com	Pending	145	<input type="checkbox"/>
5	Admin Admin	5149999999	admin@boobaady.com	Pending	145	<input type="checkbox"/>

Order Summary

[BACK TO ORDERS](#)

PickUp Details:

Name: Amir
Phone: 5149999999
Address: asdfwef
City: sfw
State: ds
Zip Code: dsffd
Email: amir@gmail.com
Order Date: 11/8/2022
Carrier:
Tracking:
Shipping Date: 1/1/0001
Session ID: cs_test_a1v0RUITKZvAEGyktoqQC9VFgjmjYUfkdKVEU3fvsk
Payment Intent ID:
Payment Date: 11/8/2022
Payment Status: Cancelled

[UPDATE ORDER DETAILS](#)

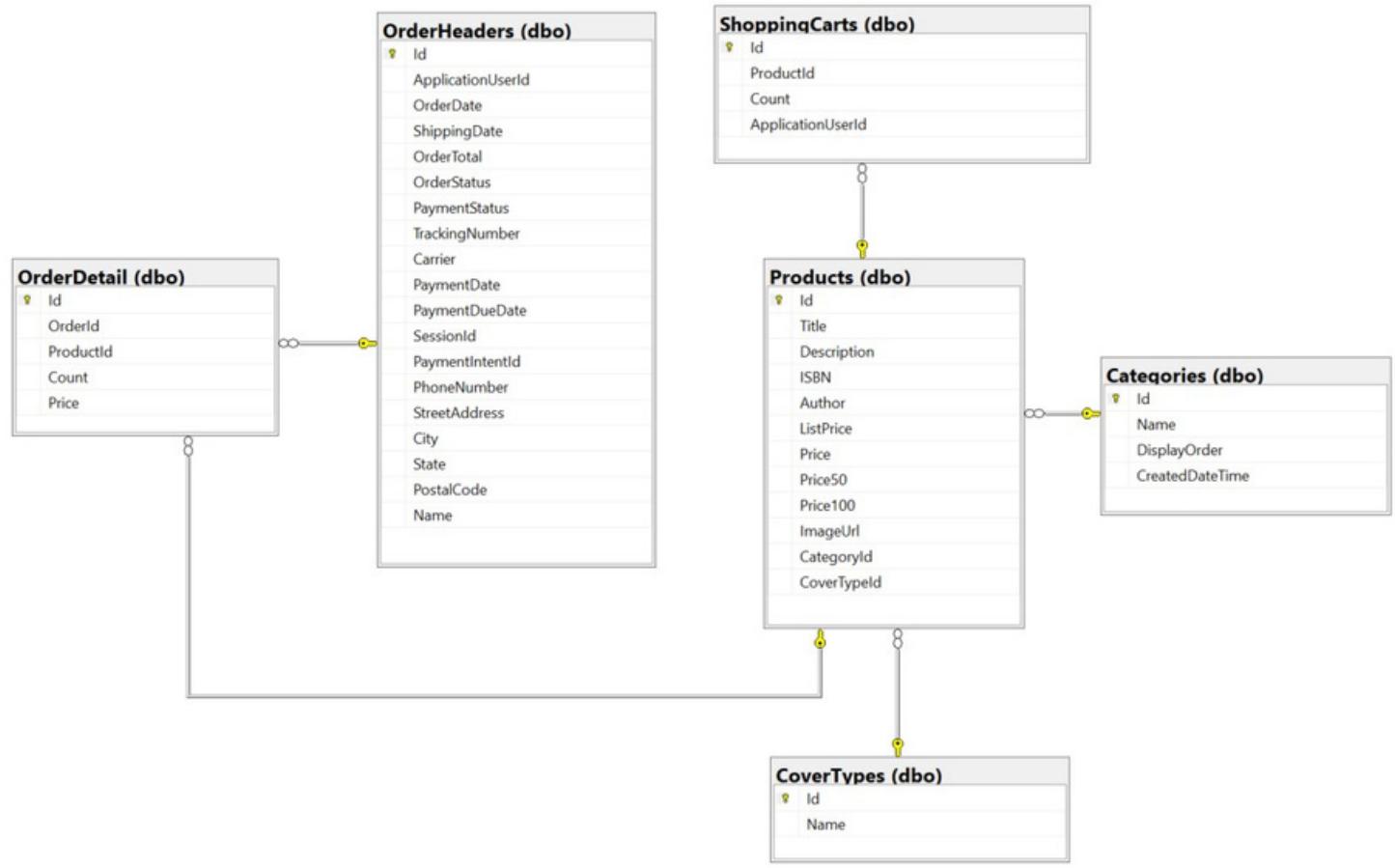
Order Summary

ORDER STATUS - CANCELLED

Lapvona \$130.00
Price : \$130.00
Quantity : 1

TOTAL \$130.00

Database



Technology used





What we learned

How to add Stripe Configuration & API Keys

Standard keys
These keys will allow you to authenticate API requests. [Learn more](#)

NAME	TOKEN
Publishable key	pk_test_51M1Z31EQppA1NV7SrNJJar8T8FGnLFRg06KZu j7tJv8t8i4ecKC6BPTGa5wPs4USLVYakyBA28NuLSy6fFY kml300jCi4xbVS
Secret key	sk_test_51M1Z31EQppA1NV7SloCbn4L5Gq3DxKyOTgrFd EJy2ZQWpGtOpZVDWgSTLeYPW6fn1xVFqrGG09X9tRzz3r OqeEK00acqFIItB1

[Hide test key](#)

```
{
  "Logging": {
    "LogLevel": {
      "Default": "Information",
      "Microsoft.AspNetCore": "Warning"
    }
  },
  "AllowedHosts": "*",
  "ConnectionStrings": {
    "DefaultConnection": "Server=tcp:team3server.database.windows.net,1433;Initial Catalog=BoobaadyDB1;Persist Security Info=False;User ID=AdminLogin;Password=A@12345678;MultipleActiveResultSets=False;Encrypt=True;TrustServerCertificate=False;Connection Timeout=30;"
  },
  "Stripe": {
    "SecretKey": "sk_test_51M1Z31EQppA1NV7SloCbn4L5Gq3DxKyOTgrFdEJy2ZQWpGtOpZVDWgSTLeYPW6fn1xVFqrGG09X9tRzz3r0qeEK00acqFIItB1",
    "PublishableKey": "pk_test_51M1Z31EQppA1NV7SrNJJar8T8FGnLFRg06KZu j7tJv8t8i4ecKC6BPTGa5wPs4USLVYakyBA28NuLSy6fFYkml300jCi4xbVS"
  },
}
```



”

What we learned

How to add Stripe Configuration & API Keys

```
namespace Boobaady.Utility
{
    3 references
    public class StripeSettings
    {
        0 references
        public string SecretKey { get; set; }
        0 references
        public string PublishableKey { get; set; }
    }
}
```

```
builder.Services.Configure<StripeSettings>(builder.Configuration.GetSection("Stripe"));
```

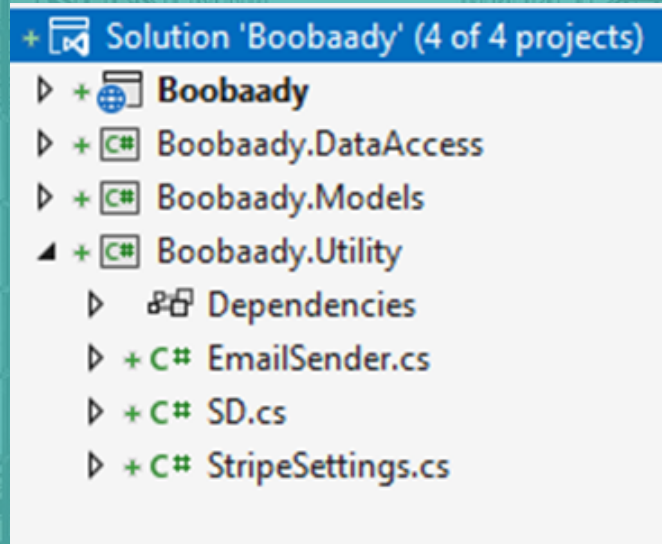
```
//stripe settings
// var domain = "https://localhost:44300/";
var domain = " https://boobaady.azurewebsites.net/";
var options = new SessionCreateOptions
{
    PaymentMethodTypes = new List<string>
{
    "card",
},
    LineItems = new List<SessionLineItemOptions>(),
    Mode = "payment",
    SuccessUrl = domain + $"customer/cart/OrderConfirmation?id={ShoppingCartVM.OrderHeader.Id}",
    CancelUrl = domain + $"customer/cart/index",
};
```

“

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What we learned

N-Tier architecture



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What we learned

How to upload image & save in DB
byte stream

```
<form method="post" asp-action="Upsert" enctype="multipart/form-data">
  <input asp-for="Product.Id" hidden />
  <input asp-for="Product.ImageUrl" hidden />

  <div class="row">
    <div class="col-10">
      <div class="border p-3 mt-4 row">
        <div class="col-12 pb-2">
          <h2 class="text-primary">@(Model.Product.Id != 0 ? "Update" : "Create") Product</h2>
          <hr />
        </div>
      </div>
    </div>
  </div>
```

```
private readonly IWebHostEnvironment _hostEnvironment;
```

“

”

What we learned

How to upload image & save in DB

```
public IActionResult Upsert(ProductVM obj, IFormFile? file)
{
    if (ModelState.IsValid)
    {
        string wwwRootPath = _hostEnvironment.WebRootPath;
        if (file != null)
        {
            string fileName = Guid.NewGuid().ToString();
            var uploads = Path.Combine(wwwRootPath, @"images\products");
            var extension = Path.GetExtension(file.FileName);

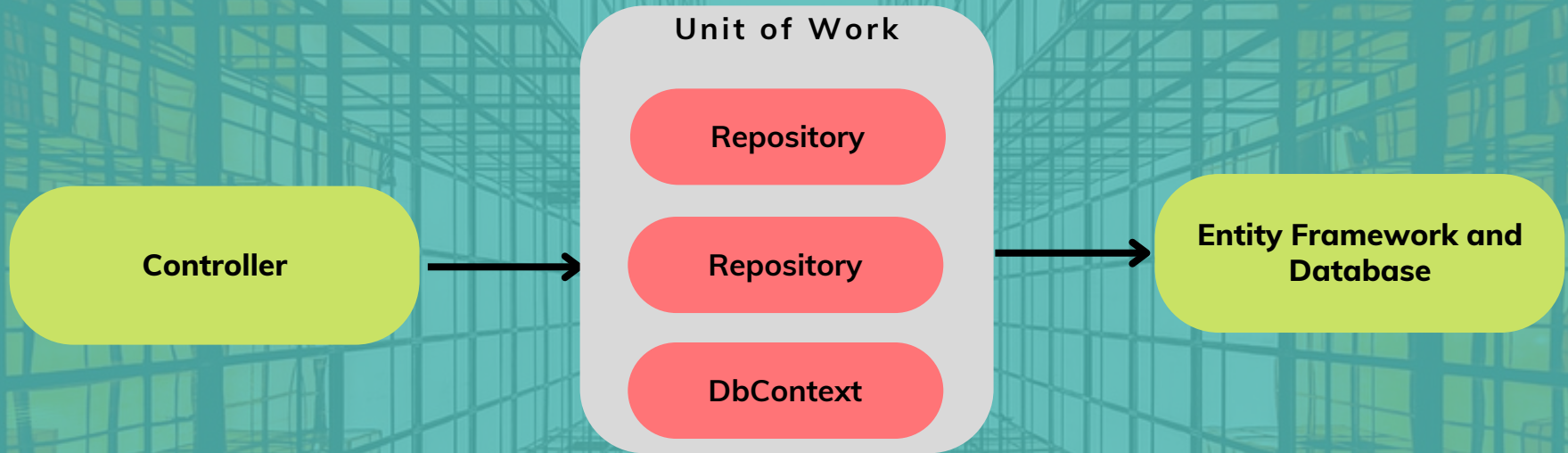
            if (obj.Product.ImageUrl != null)
            {
                var oldImagePath = Path.Combine(wwwRootPath, obj.Product.ImageUrl.TrimStart('\\'));
                if (System.IO.File.Exists(oldImagePath))
                {
                    System.IO.File.Delete(oldImagePath);
                }
            }

            using (var fileStreams = new FileStream(Path.Combine(uploads, fileName + extension), FileMode.Create))
            {
                file.CopyTo(fileStreams);
            }
            obj.Product.ImageUrl = @"\images\products\" + fileName + extension;
        }
        if (obj.Product.Id == 0)
        {
            _unitOfWork.Product.Add(obj.Product);
        }
        else
        {
            _unitOfWork.Product.Update(obj.Product);
        }
        _unitOfWork.Save();
    }
}
```

“

”

What we learned



UnitOfWork class coordinate the work of multiple repositories by creating a single database context class share by of them.

“

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What we learned

DbSet

Add(obj)

Remove(obj)

Find(id)

FirstOrDefault(expression)

Where(expression)

DbContext

DbSet

DbSet

DbSet

SaveChanges()

Repository

Unit Of Work

“



Future Works

Better integration in payment system

Inventory management

Social Media Login

Processing the order

Different type of buyers

Email System





Summary

what was done

Research the foundation of the project

Planned the work flow and divided the tasks

Examined different solutions for each task

what is the result

Got one step closer to understand how a complete application works

Got better in doing research and solution finding

