

Project

Joe's Pizza Portal

Aim:

To create a Prototype for Joe's Pizza Portal Using NUnit, and SpecFlow to Develop and Test. Deploy it into Azure VM Using Jenkins.

GitHub Link:

<https://github.com/Sukirthalakshmanan1/PizzaHub1>

Procedure:

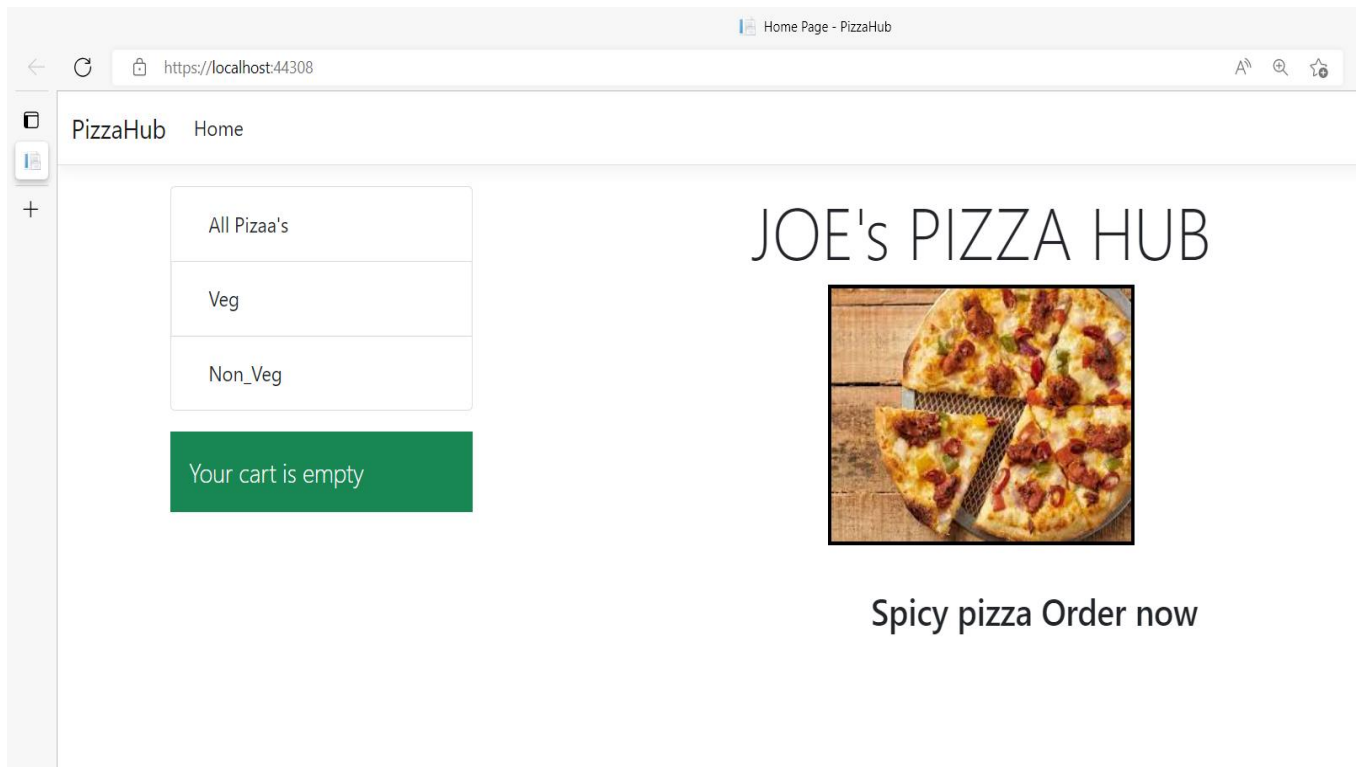
- ✓ Create an ASP.NET core web application.
- ✓ Create cart and product controller and write necessary properties.
- ✓ In Home page all pizza are displayed
- ✓ Initially the cart is empty and select the pizza and add to cart
- ✓ Create model cart, product.
- ✓ Create views Cart ,paypal partial.cshtml
- ✓ On viewing the cart item can be added and removed
- ✓ The products can be added and can be removed.
- ✓ And to checkout the pizza it redirects to Paypal
- ✓ Create NUnit Test and check the testcases passed or failed
- ✓ Create a project Specflow and write the procedure and step definitions.
- ✓ Open Test explorer and check the Testcases passed or failed.
- ✓ After the Application runs push it to GitHub repository
- ✓ Open Jenkins and create new item -> free style project and click ok.
- ✓ Go to configure and go to Github repository and paste the Github link
- ✓ And write your credentials
- ✓ Save and build
- ✓ After successful build go to configure and add visual studio
- ✓ And copy the msbuild path and paste and save
- ✓ Build now
- ✓ On successful build Console Output is shown.

Azure Site URL:

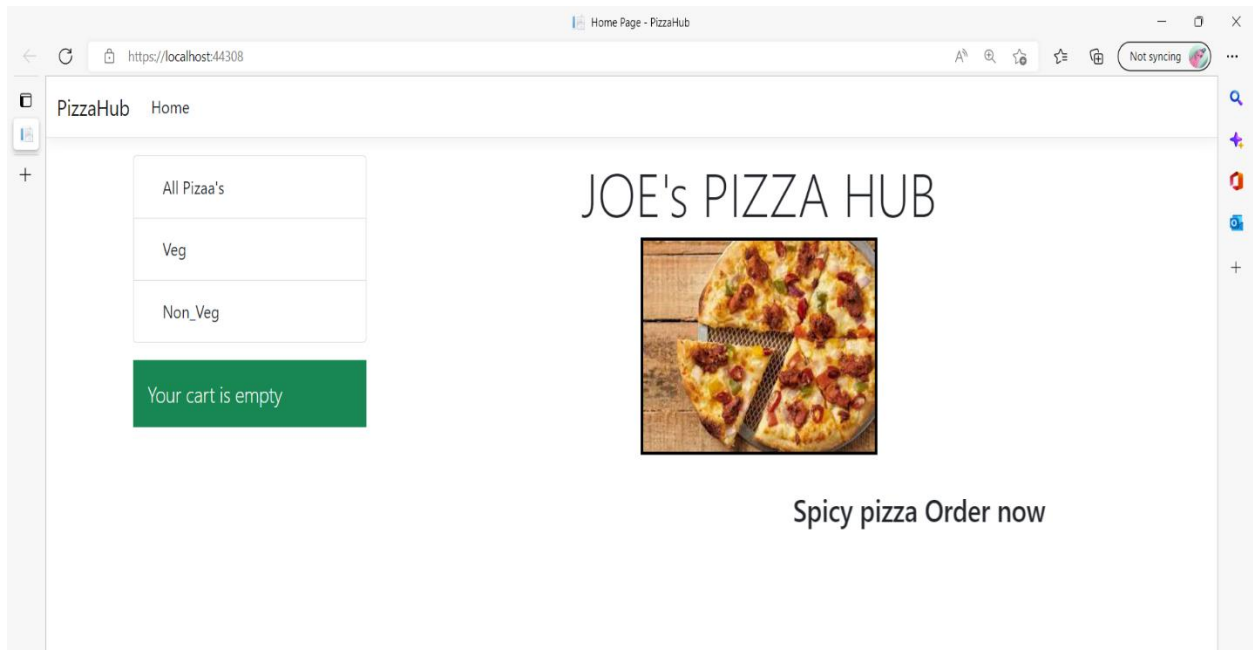
<https://pizzahub20221103195752.azurewebsites.net>

Output:

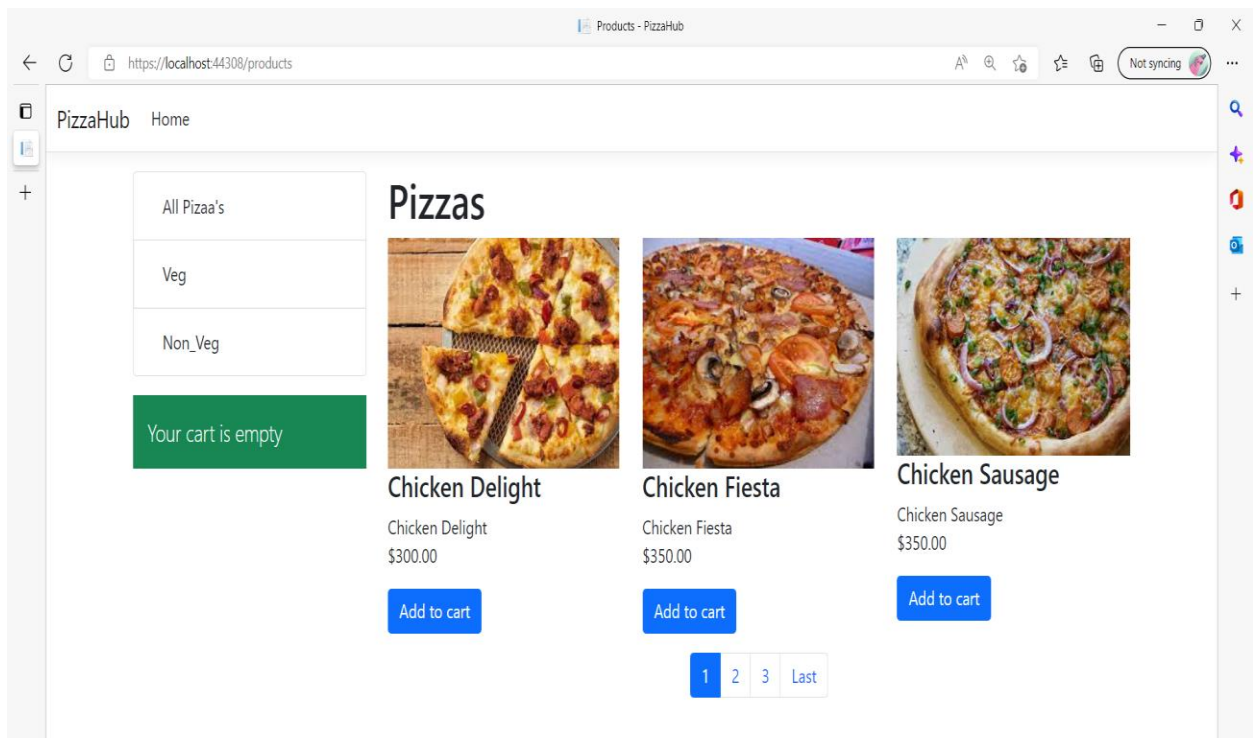
Home Page:

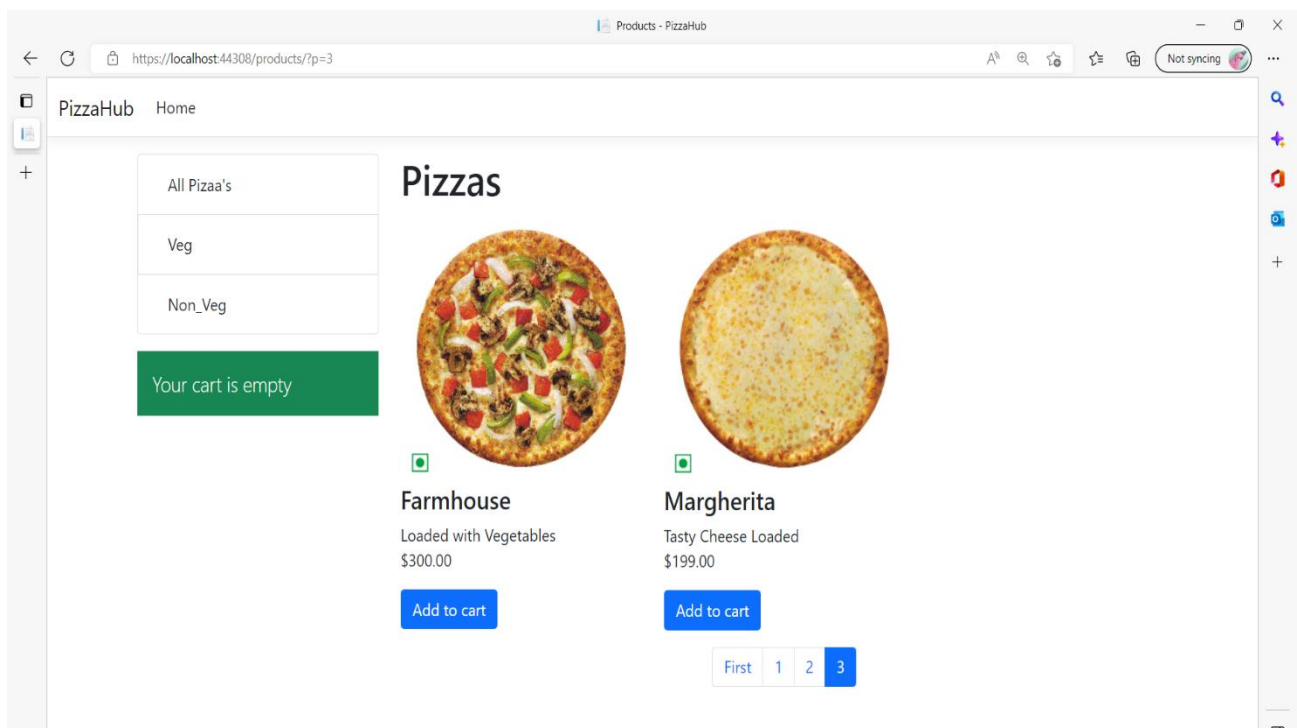
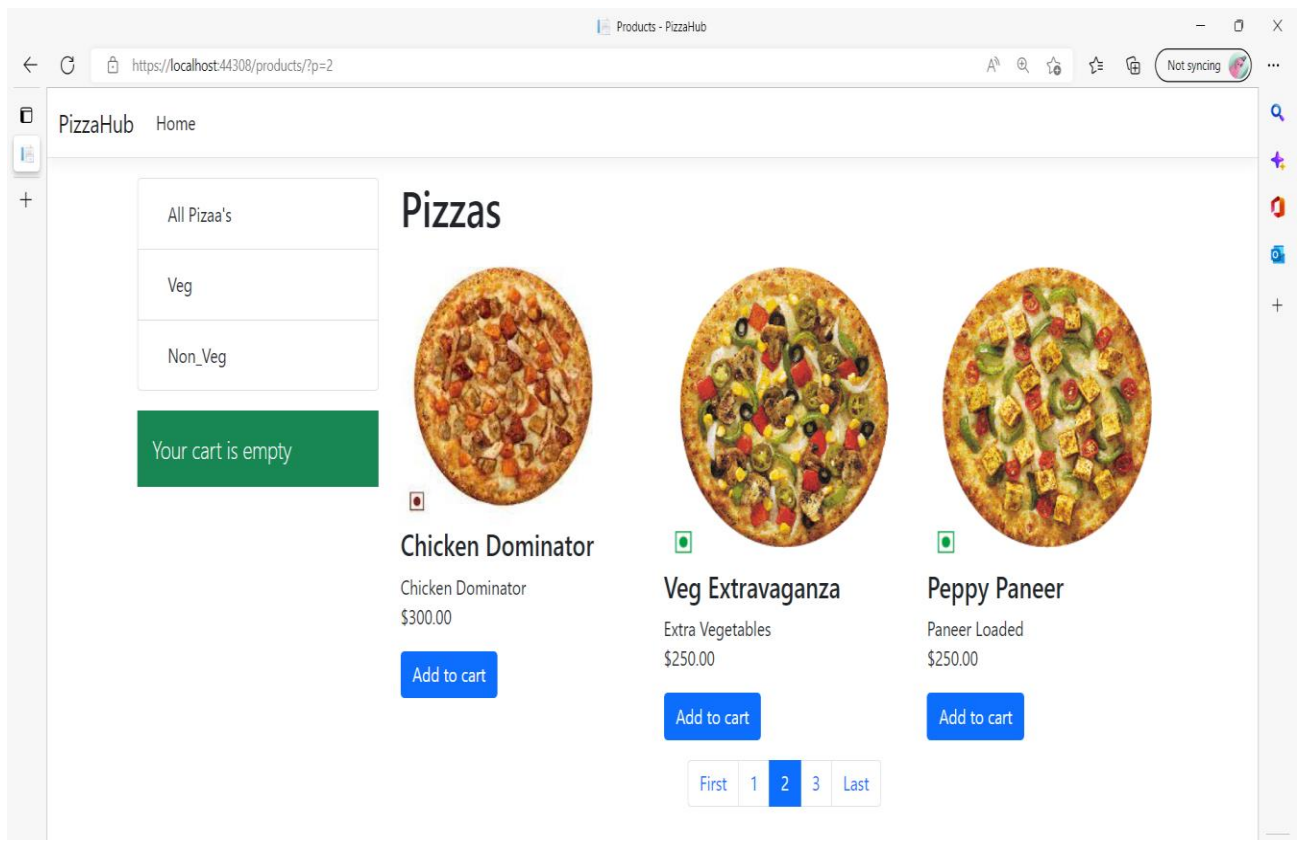


Cart is Empty:

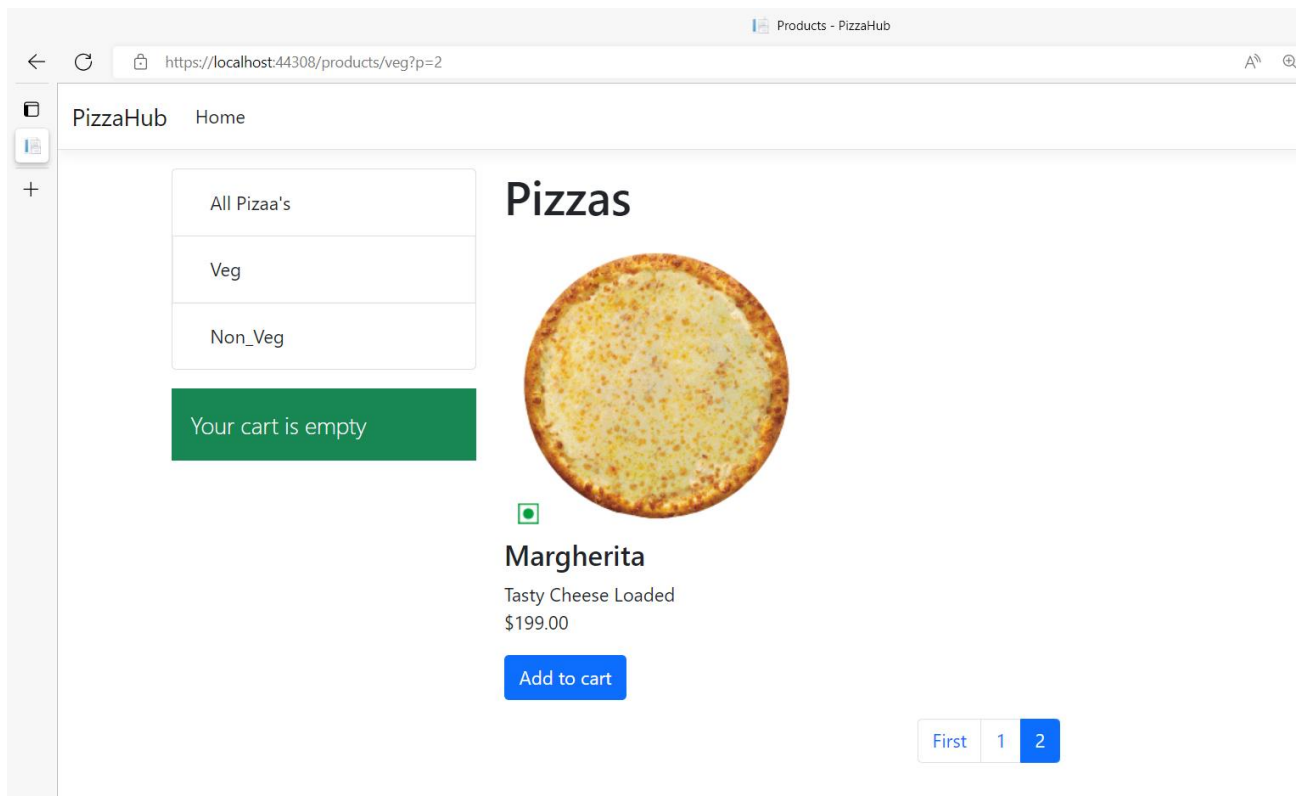
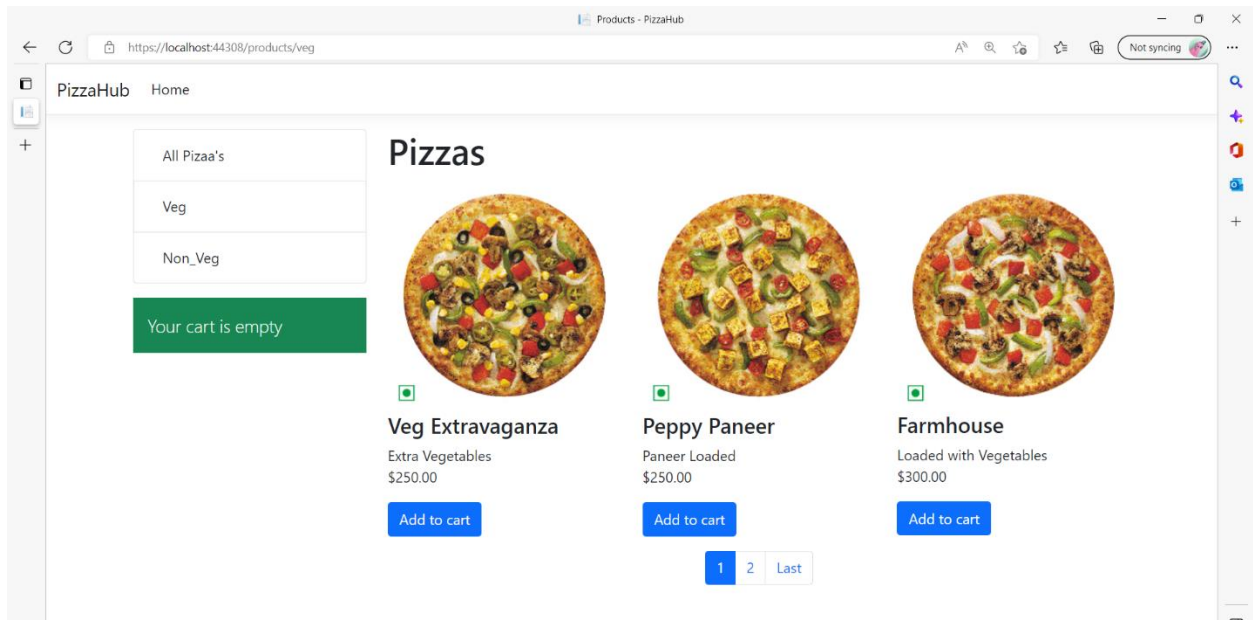


All Pizza:





Veg Pizza:



Non Veg Pizza:

Products - PizzaHub

← ↻ https://localhost:44308/products/non_veg

PizzaHub Home


All Pizaa's

Veg

Non_Veg


Your cart is empty

Pizzas




Chicken Delight
Chicken Delight
\$300.00

Add to cart



Chicken Fiesta
Chicken Fiesta
\$350.00

Add to cart



Chicken Sausage
Chicken Sausage
\$350.00

Add to cart

1 2 Last

Products - PizzaHub

← ↻ https://localhost:44308/products/non_veg?p=2

PizzaHub Home


All Pizaa's

Veg

Non_Veg

Your cart is empty

Pizzas

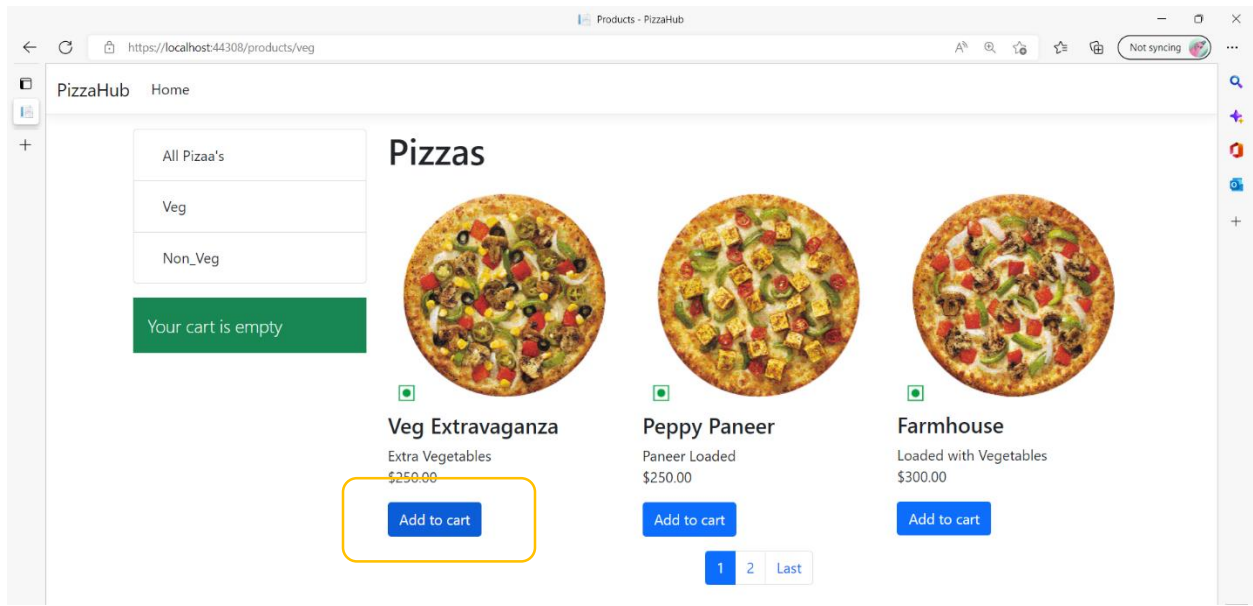


Chicken Dominator
Chicken Dominator
\$300.00

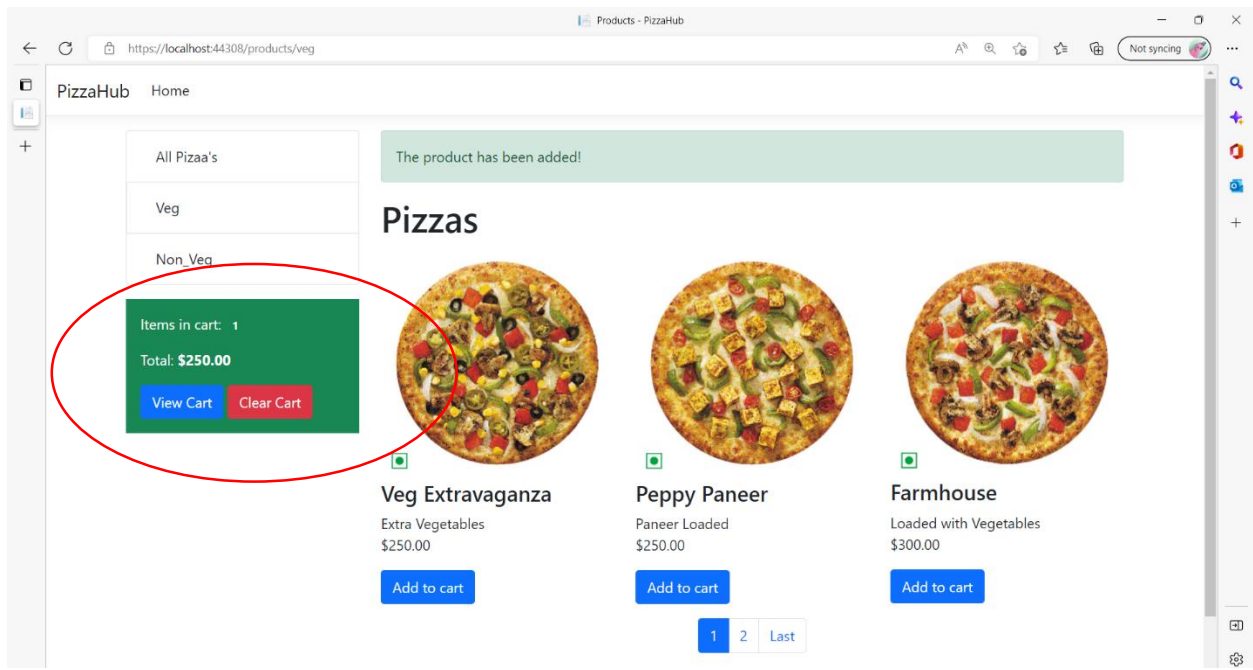
Add to cart

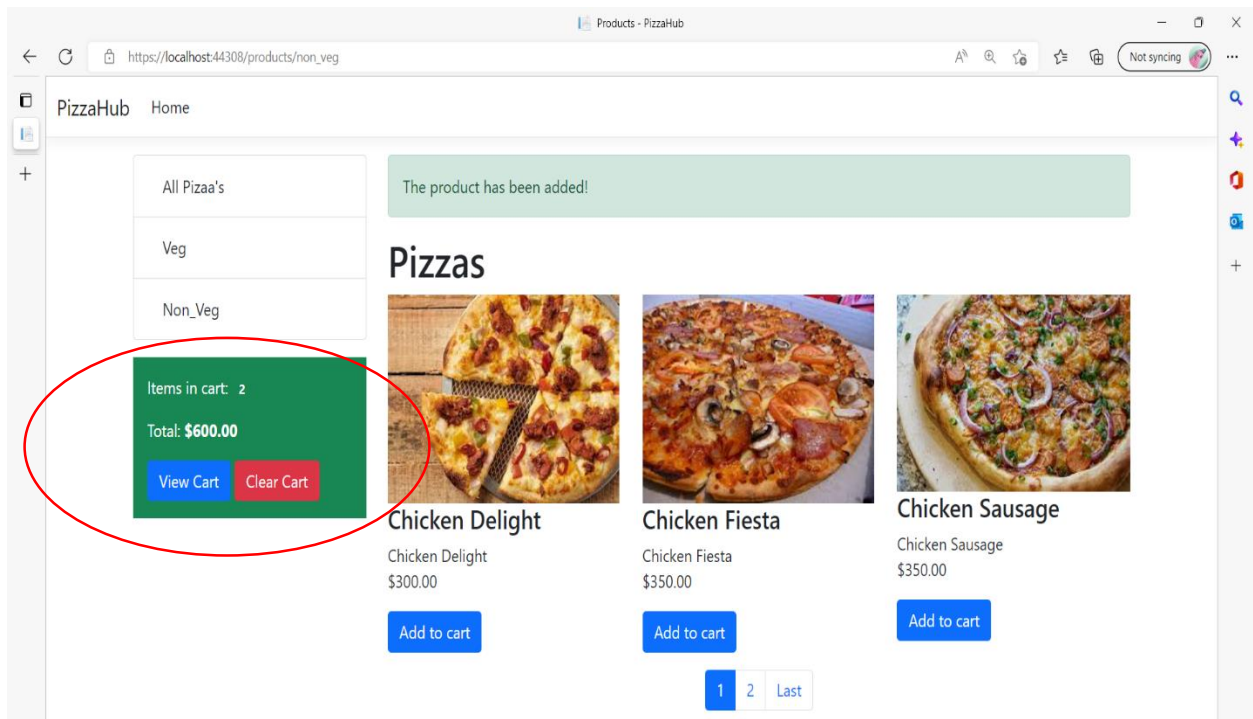
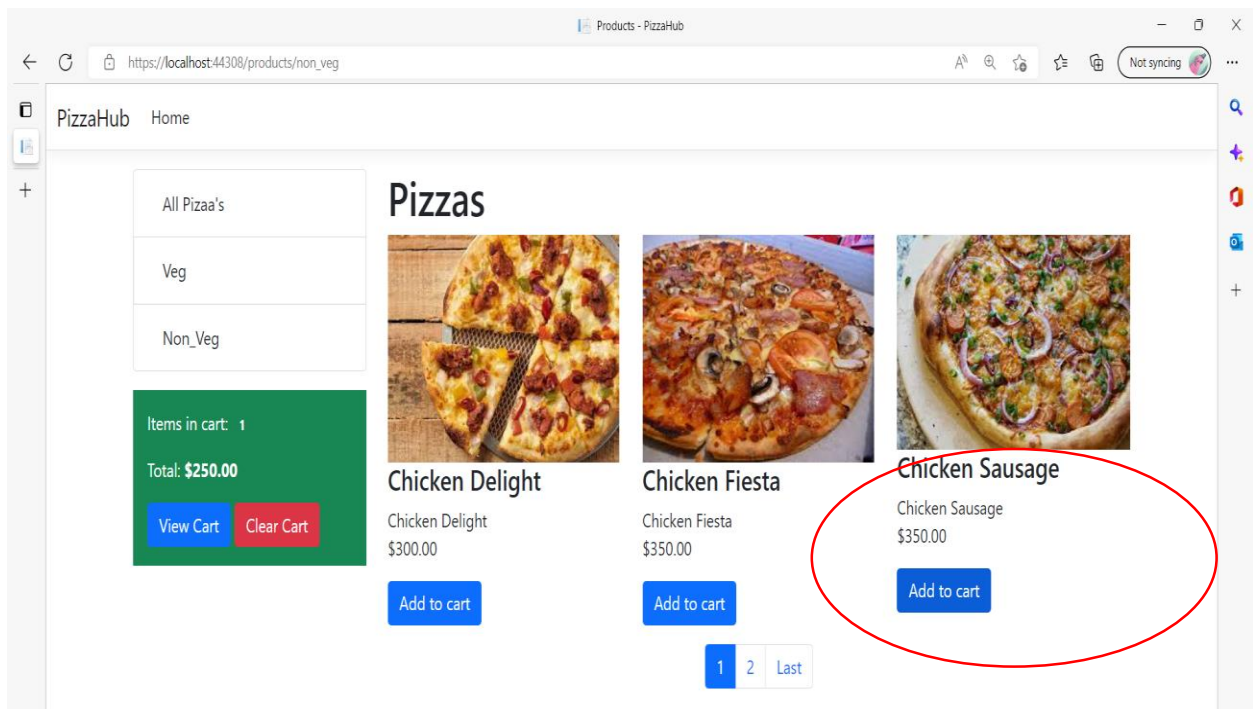
First 1 2

Add to Cart:

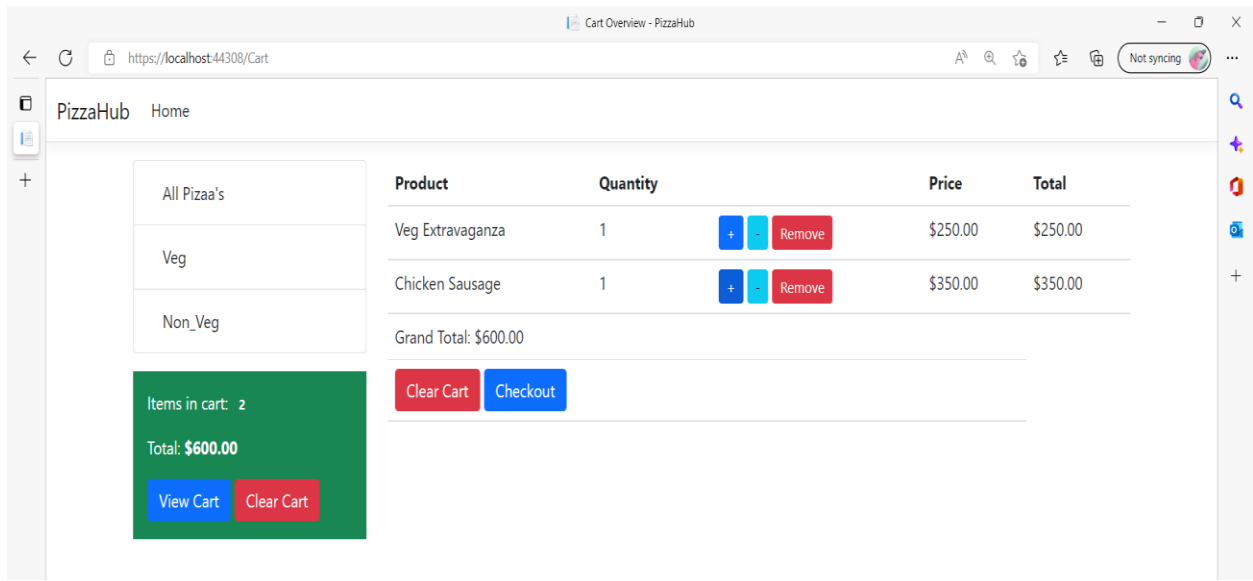


Items in Cart:





Add Item:



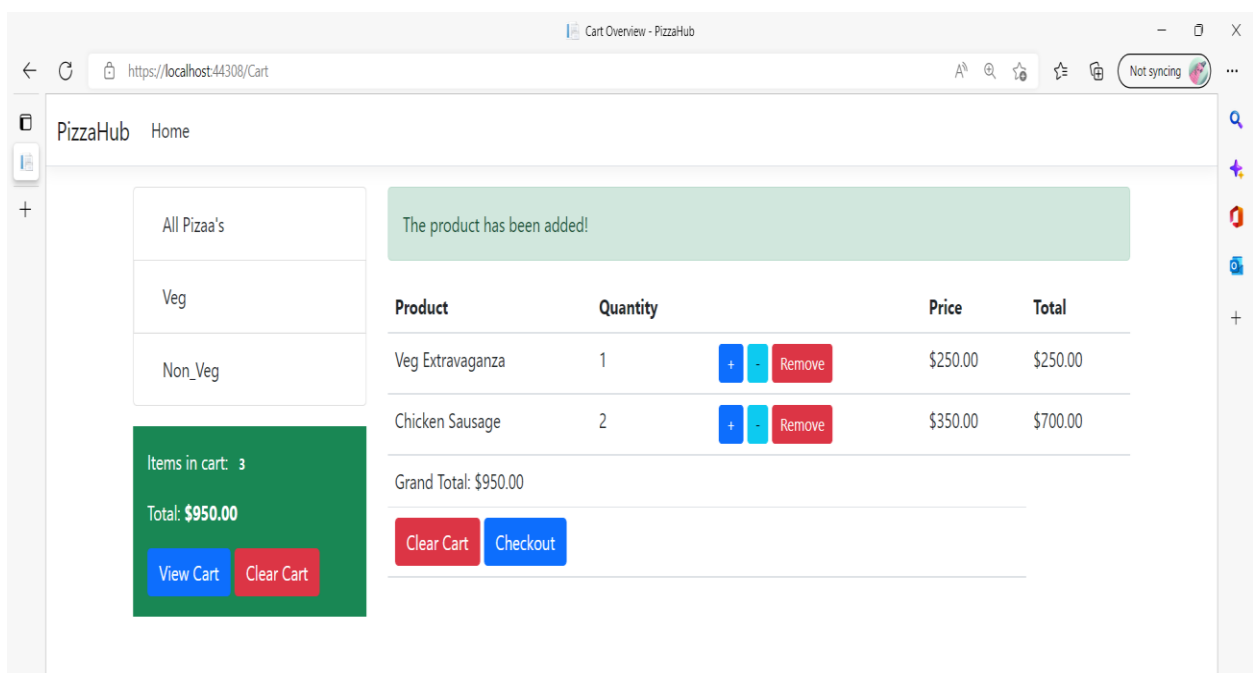
The screenshot shows a web browser window titled "Cart Overview - PizzaHub" with the URL "https://localhost:44308/Cart". The page features a sidebar with "PizzaHub" and "Home" links, and a category menu with "All Pizaa's", "Veg", and "Non_Veg". The main content area displays a table with two items: "Veg Extravaganza" and "Chicken Sausage", both with a quantity of 1. The total price is \$600.00. A green box on the left indicates "Items in cart: 2" and "Total: \$600.00". Buttons for "Clear Cart" and "Checkout" are visible.

Product	Quantity	Price	Total
Veg Extravaganza	1	\$250.00	\$250.00
Chicken Sausage	1	\$350.00	\$350.00
Grand Total: \$600.00			

Items in cart: 2
Total: \$600.00

Clear Cart Checkout

Product added:



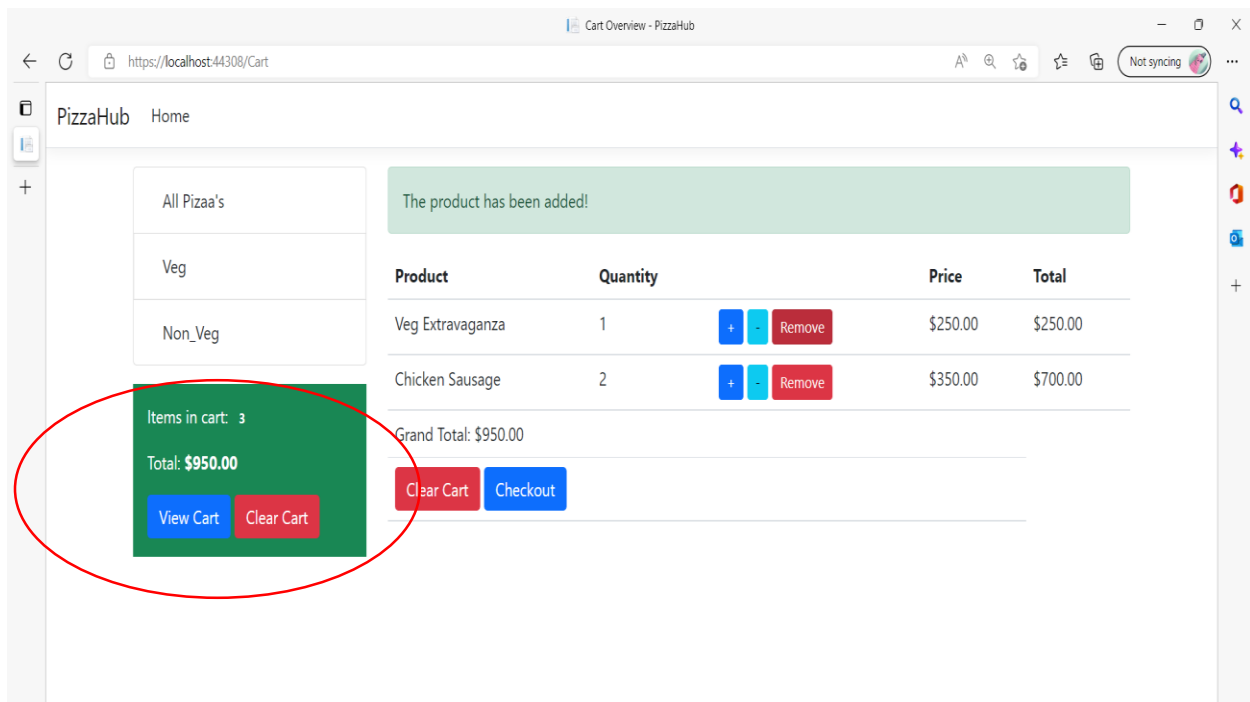
The screenshot shows the same web browser window after adding a third item. A green notification box at the top states "The product has been added!". The table now shows "Veg Extravaganza" with a quantity of 1 and "Chicken Sausage" with a quantity of 2. The total price is \$950.00. The green box on the left indicates "Items in cart: 3" and "Total: \$950.00". Buttons for "Clear Cart" and "Checkout" are visible.

Product	Quantity	Price	Total
Veg Extravaganza	1	\$250.00	\$250.00
Chicken Sausage	2	\$350.00	\$700.00
Grand Total: \$950.00			

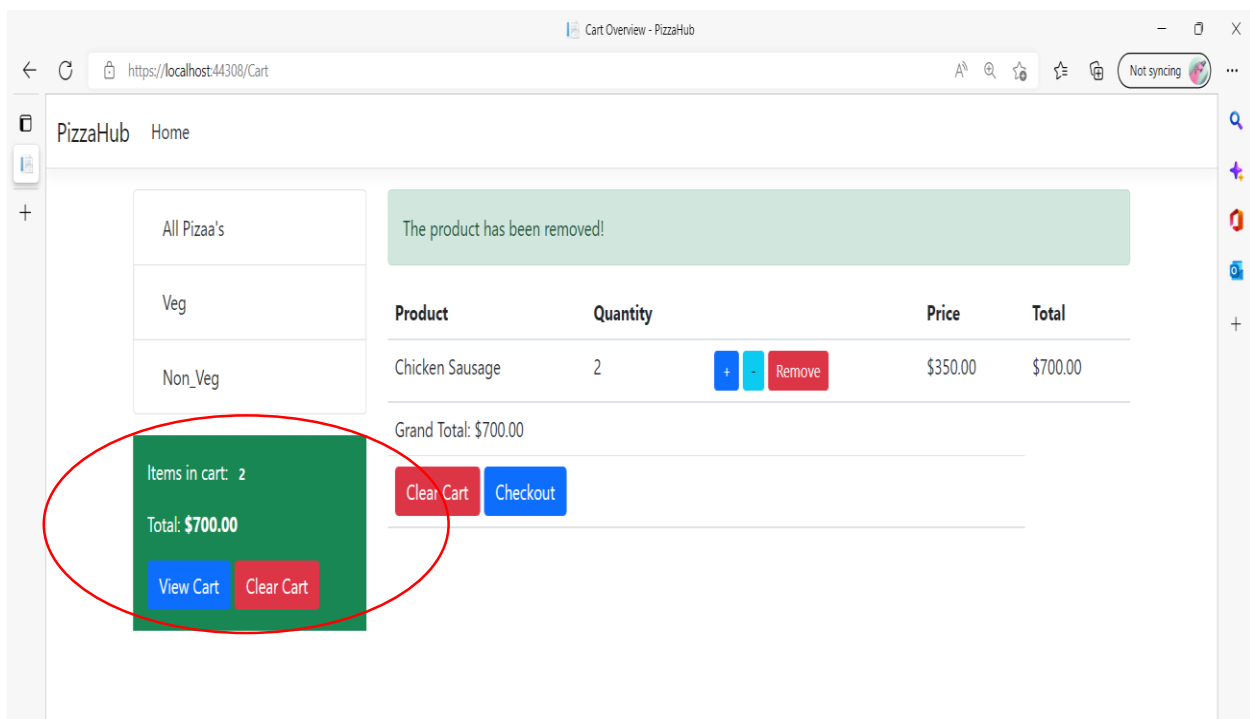
The product has been added!

Items in cart: 3
Total: \$950.00

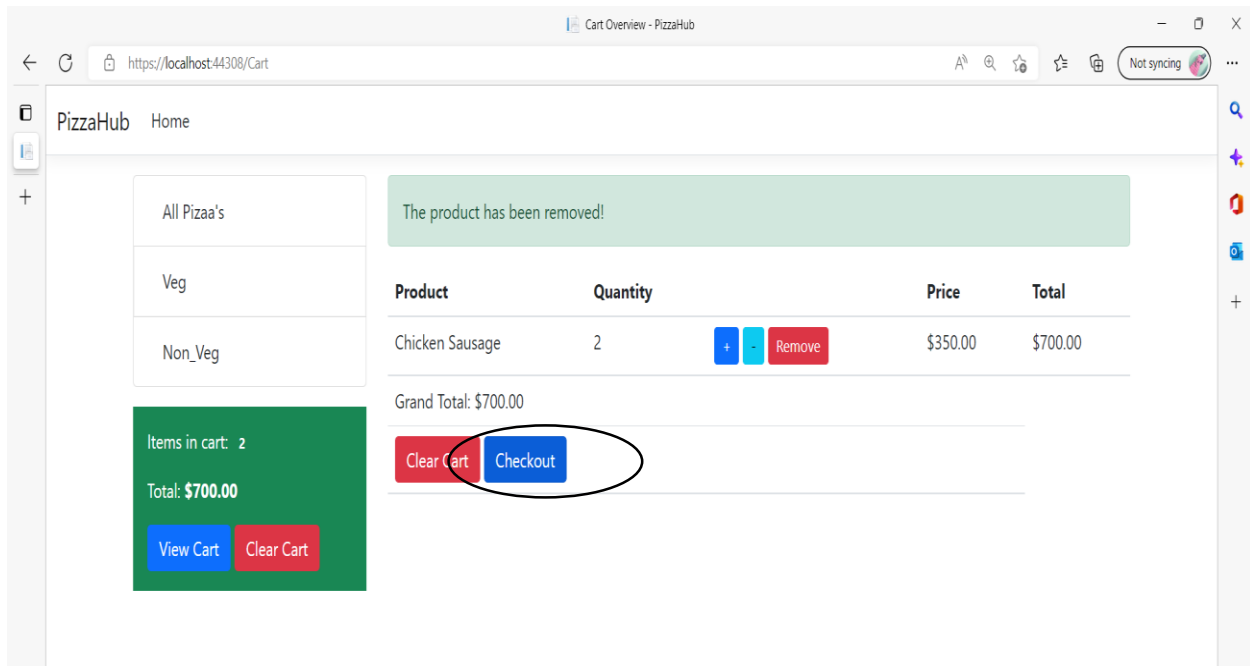
Clear Cart Checkout



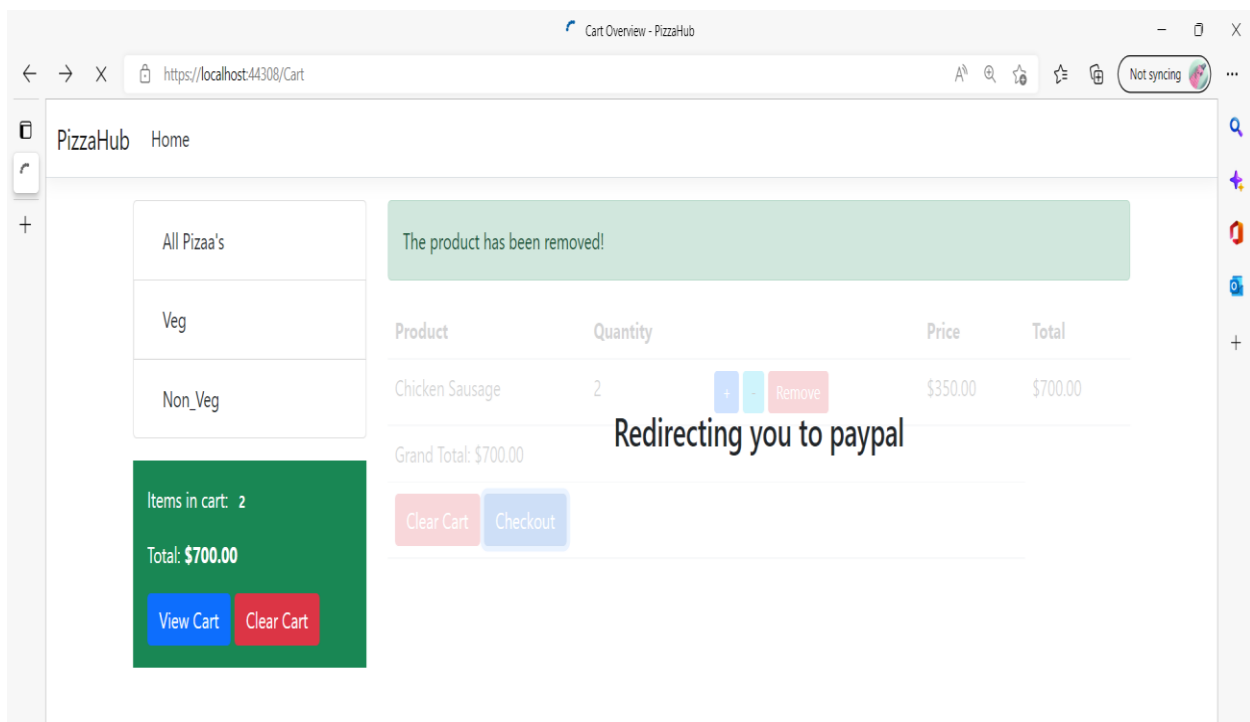
Product Removed:



Check out:



Redirecting to Paypal:





Something doesn't look right. Your payment to this merchant can't be completed using PayPal. Choose another way to pay.

[Policies](#) [Terms](#) [Privacy](#)

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Clear cart:

Cart Overview - PizzaHub

← ↻ 🔒 https://localhost:44308/Cart 🔍 ⚙️ ⭐ 📁 Not syncing ⋮

PizzaHub Home

+

All Pizaa's

Veg

Non_Veg

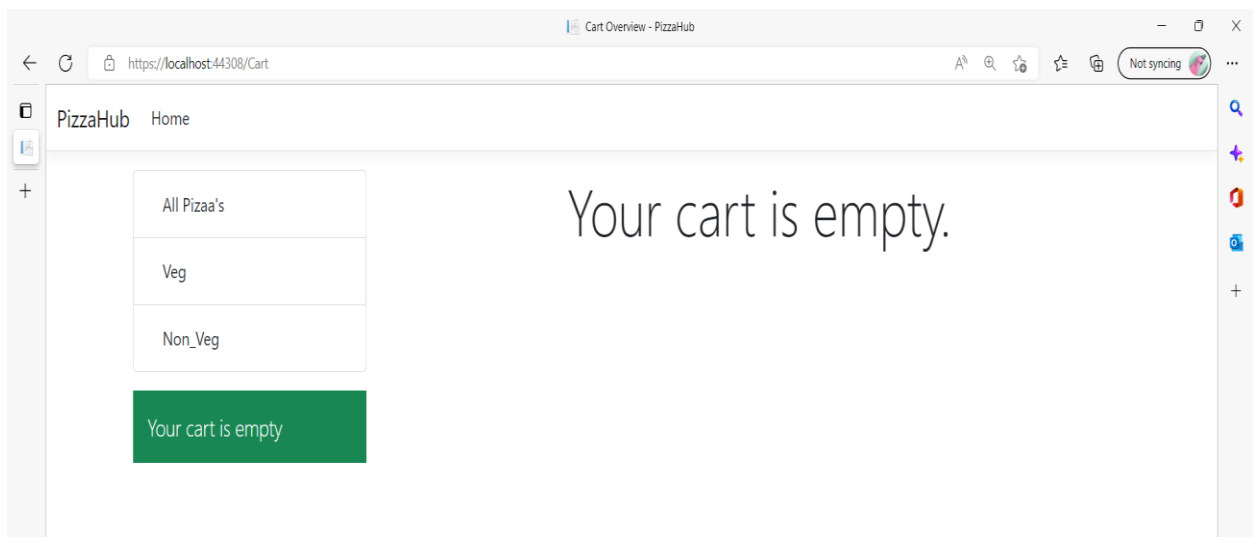
Items in cart: 2

Total: **\$600.00**

View Cart

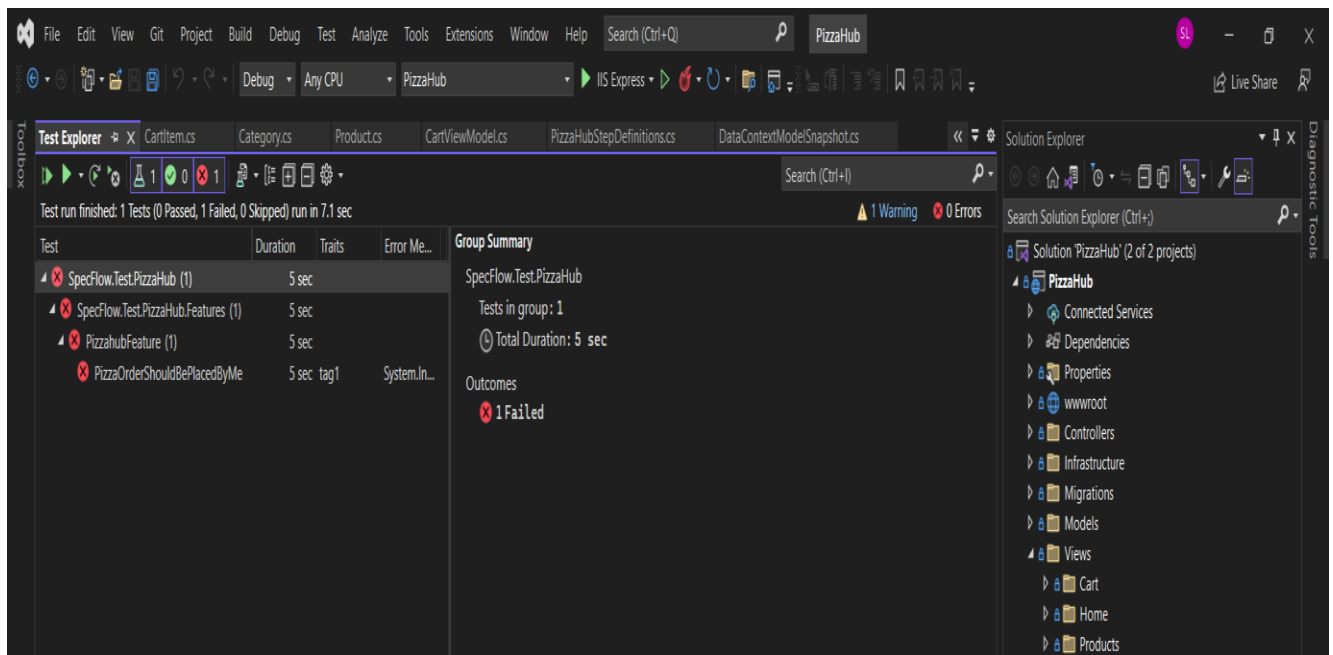
Clear Cart

Product	Quantity		Price	Total
Chicken Fiesta	1	<div><div>+</div><div>-</div><div>Remove</div></div>	\$350.00	\$350.00
Peppy Paneer	1	<div><div>+</div><div>-</div><div>Remove</div></div>	\$250.00	\$250.00
Grand Total: \$600.00				
<div><div>Clear Cart</div><div>Checkout</div></div>				



Specflow:

Test Case:



Azure:

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the 'App Services' section. Below the navigation bar, there's a search bar and a list of filters. The main content area displays a table of App Services. The 'PizzaHub20221103195752' resource is highlighted with a blue circle.

Name	Status	Location	Pricing Tier	App Service Plan	Subscription	App Type
FunctionApp120221028161635	Running	Central US	Dynamic	CentralUSPlan	Azure Pass - Sponsorship	Function App
PizzaHub20221103195752	Running	Central US	Standard	ASP-TestResourceGroup-9e38	Azure Pass - Sponsorship	Web App

Jenkins:

The screenshot shows the Jenkins dashboard. The left sidebar contains navigation links for 'New Item', 'People', 'Build History', 'Project Relationship', 'Check File Fingerprint', 'Manage Jenkins', and 'My Views'. The main content area displays a table of builds. The 'PizzaHub' build is highlighted with an orange box.

S	W	Name	Last Success	Last Failure	Last Duration	Coverage
✓	☁	API project	13 days #8	13 days #5	18 sec	n/a
✓	⚙	customer	4 hr 40 min #3	N/A	12 sec	n/a
✓	⚙	HelloProject	6 days 22 hr #13	14 days #8	3.8 sec	n/a
✓	⚙	JenkinsProject	13 days #11	N/A	15 sec	n/a
✓	🏠	MVC	13 days #13	13 days #9	17 sec	n/a
✓	☁	MVC check	13 days #15	13 days #12	17 sec	n/a
✓	⚙	NewProject	6 days 22 hr #11	13 days #5	4.9 sec	n/a
✓	⚙	PizzaHub	33 min #1	N/A	7.9 sec	n/a
✓	⚙	WebApplication_pizza	6 days 22 hr #20	6 days 23 hr #12	3.9 sec	n/a

Build:

Assessment x App Services - Microsoft Azure x PizzaHub [Jenkins] x Sukirthalakshmanan1/PizzaHub1 x +

localhost:8080/job/PizzaHub/

log out

Dashboard > PizzaHub >

Back to Dashboard

Status

Changes

Workspace

Build Now

Configure

Delete Project

Rename

Build History trend

Filter builds...

#1 Nov 3, 2022, 8:33 PM

Atom feed for all Atom feed for failures

Project PizzaHub

Pizza Hub

Edit description

Disable Project

Permalinks

- Last build (#1), 32 min ago
- Last stable build (#1), 32 min ago
- Last successful build (#1), 32 min ago
- Last completed build (#1), 32 min ago

Console Output:

The screenshot shows the Jenkins web interface. The top navigation bar includes the Jenkins logo, a search bar, and user information for 'SukirthaLakshmanan'. The breadcrumb trail is 'Dashboard > PizzaHub > #1'. The left sidebar contains links for 'Back to Project', 'Status', 'Changes', 'Console Output' (selected), 'View as plain text', 'Edit Build Information', 'Delete build '#1'', and 'Git Build Data'. The main content area displays the 'Console Output' for build '#1', which is a successful build. The output text is as follows:

```
Started by user SukirthaLakshmanan
Running as SYSTEM
Building in workspace C:\ProgramData\Jenkins\workspace\PizzaHub
The recommended git tool is: NONE
using credential 6eb43da9-1218-42b0-b3f5-d34a5b28558f
Cloning the remote Git repository
Cloning repository https://github.com/Sukirthalakshmanan1/PizzaHub1
> git.exe init C:\ProgramData\Jenkins\workspace\PizzaHub # timeout=10
Fetching upstream changes from https://github.com/Sukirthalakshmanan1/PizzaHub1
> git.exe --version # timeout=10
> git --version # 'git version 2.37.2.windows.2'
using GIT_ASKPASS to set credentials This is my project1
> git.exe fetch --tags --force --progress -- https://github.com/Sukirthalakshmanan1/PizzaHub1 +refs/heads/*:refs/remotes/origin/* # timeout=10
> git.exe config remote.origin.url https://github.com/Sukirthalakshmanan1/PizzaHub1 # timeout=10
> git.exe config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
> git.exe rev-parse "refs/remotes/origin/master^{commit}" # timeout=10
Checking out Revision eea165b189a8a023617ea3300003d5a83e906680 (refs/remotes/origin/master)
> git.exe config core.sparsecheckout # timeout=10
> git.exe checkout -f eea165b189a8a023617ea3300003d5a83e906680 # timeout=10
Commit message: "commit"
First time build. Skipping changelog.
Finished: SUCCESS
```

Conclusion:

Thus the application is developed successfully.