

Azure Capstone project - Quickart E-Commerce Web Application

1. About Quickart

Quickart is an online store (E-Commerce Web Application) where people can buy products and goods easily.

2. Why Azure Cloud?

My main goal is to build Quickart entirely on Microsoft Azure. This helps me make sure the app is always available, can handle many users, stays secure, and is cost-effective.

3. Technologies I am Using

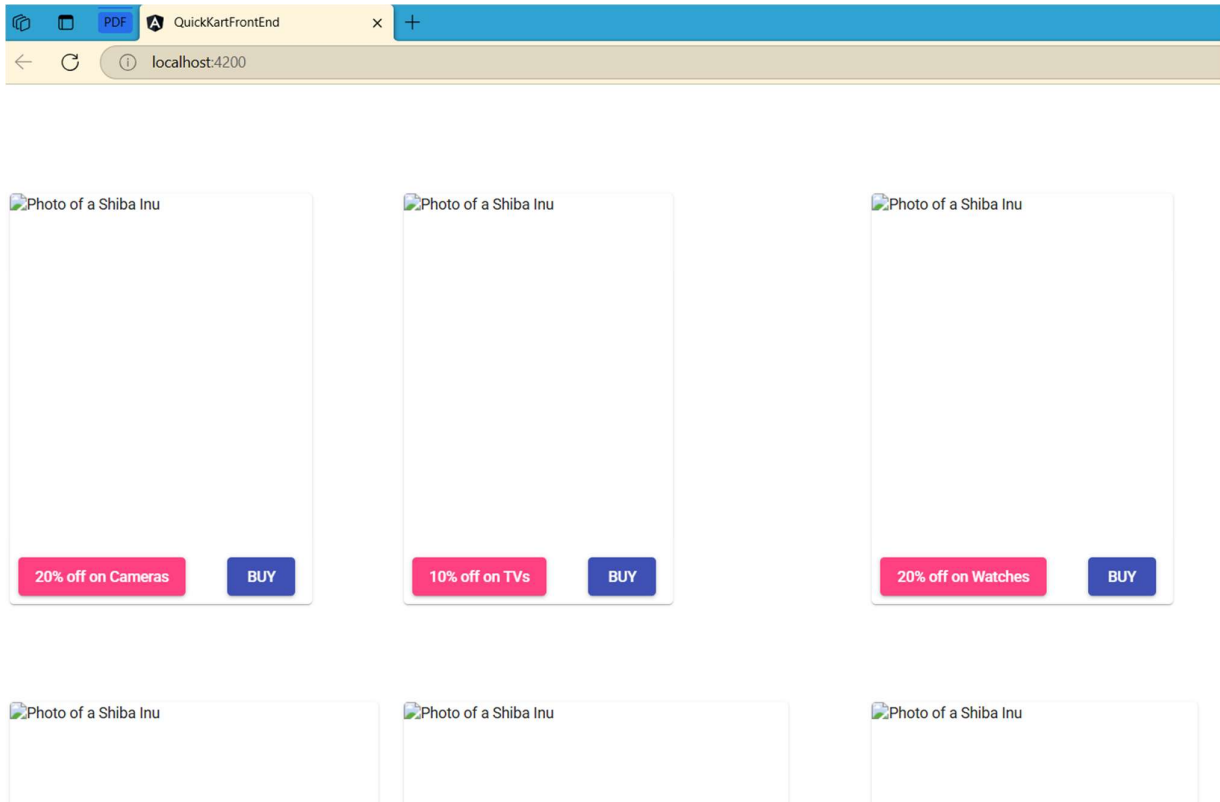
I'm building Quickart with these key technologies:

- **Front-End (What users see):** Angular 13
- **Backend (The app's brain):** Dotnet Core 3.1
- **Hosting/Deployment:** Azure App Services (for running the web application)
- **Database (Where data is stored):** Azure SQL Server
- **Storage (For images, etc.):** Azure Storage Account

Deployment stages:

The screenshot displays the Azure DevOps web interface for a release pipeline named 'Release-2'. The browser address bar shows the URL: `dev.azure.com/CTJGPB31/Capstone1/_releaseProgress?releaseId=2&a=release-pipeline-progress`. The interface includes a sidebar with navigation links like 'Pipelines', 'Releases', and 'New release pipeline'. The main content area shows the release details for 'Release-2', including a 'Manually triggered' event by 'CTB31-az400-3' on 3/7/2025 at 9:02 AM. Below this, the 'Artifacts' section lists '_Capstone1' with version '20250306.1' from the 'master' branch. The 'Stages' section shows two stages: 'Testing' and 'Production', both of which have 'Succeeded' status. The 'Testing' stage is highlighted with a green border and shows a success icon and the time 'on 3/7/2025, 9:15 AM'. The 'Production' stage also shows a success icon and the time 'on 3/7/2025, 9:15 AM'.

Frontend of web app:

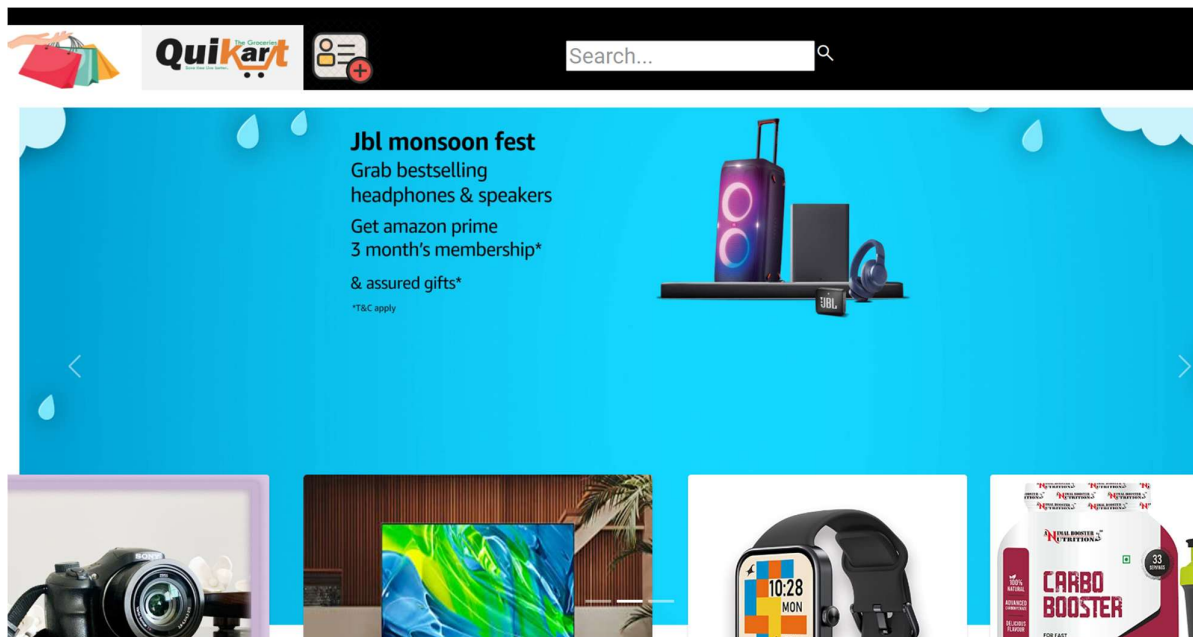


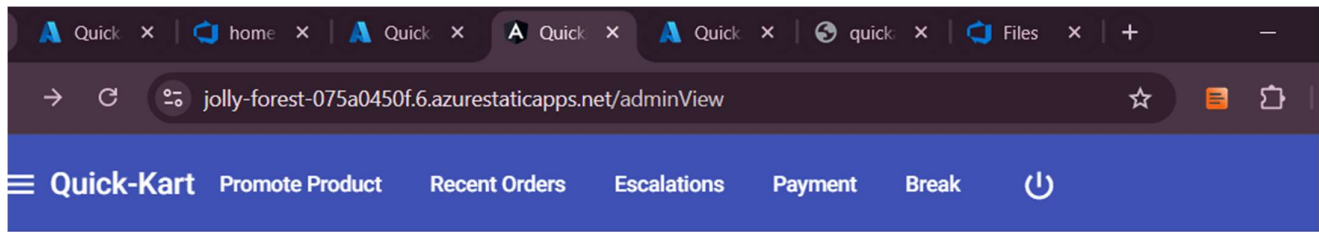
Backend of web app:

Pretty-print ☒

```
[
  {
    "productID": 1,
    "productName": "Sony Camera",
    "productPrice": 20000,
    "vendor": "Sony India",
    "discount": 10,
    "productImage": "https://quickcartstorage.blob.core.windows.net/products/Point_and_shoot_cameras."
  },
  {
    "productID": 2,
    "productName": "Samsung TV",
    "productPrice": 34000,
    "vendor": "Samsung India",
    "discount": 20,
    "productImage": "https://quickcartstorage.blob.core.windows.net/products/TV.jpg"
  },
  {
    "productID": 3,
    "productName": "Apple watch",
    "productPrice": 30000,
    "vendor": "Apple India",
    "discount": 12,
    "productImage": "https://quickcartstorage.blob.core.windows.net/products/watch.jpg"
  },
  {
    "productID": 4,
    "productName": "TMC Protien",
    "productPrice": 4000,
    "vendor": "TMC India",
    "discount": 15,
    "productImage": "https://quickcartstorage.blob.core.windows.net/products/supplement.jpg"
  },
  {
    "productID": 5,
    "productName": "US Polo Shirt",
    "productPrice": 2500,
    "vendor": "US Polo India",
    "discount": 10,
    "productImage": "https://quickcartstorage.blob.core.windows.net/products/US_Polo_Shirt.jpg"
  }
]
```

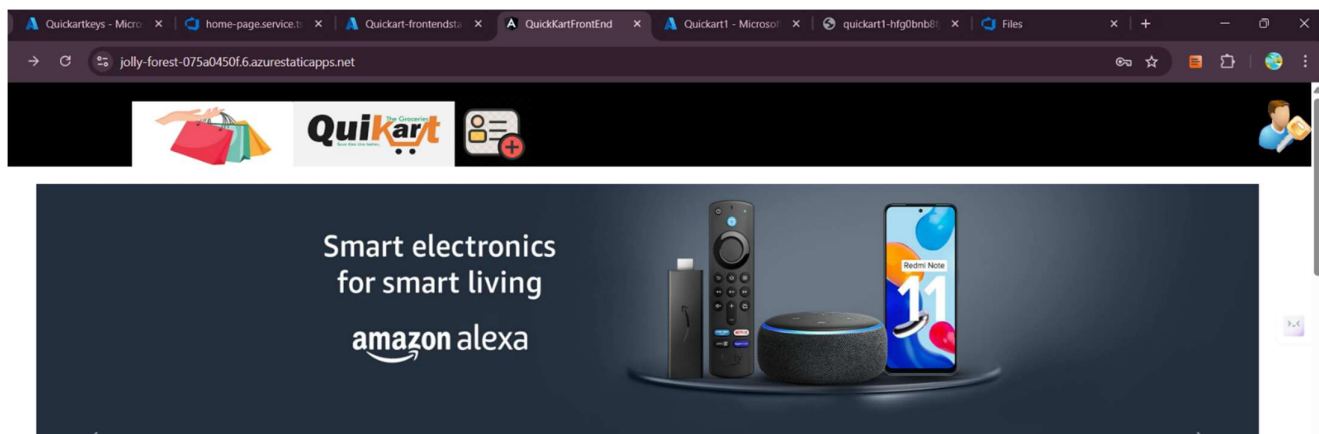
Web app output:





Hello Vendor! ✓

As Admin view:



As customer view:



Jbl monsoon fest

Grab bestselling headphones & speakers

Get amazon prime 3 month's membership* & assured gifts*

*T&C apply









