

01

E-COMMERCE APPLICATION

~ Ayantika Datta
Employee ID- 2142474

HOME PAGE

localhost:4200

Hello, Sign In Returns
InstaSmart Accounts and Lists & Orders View Cart 0

| Home Products About Us Contact Us →



Stay Healthy With Fruits
Get Delivered the Fruits within 1 day with InstaSmart

Activate Windows
Go to Settings to activate Windows.

Type here to search ○ File Explorer OneDrive Mail OneNote Google Chrome

28°C Sunny 13:47 ENG 17-01-2023

FOOTER WITH HOME PAGE



Stay Healthy With Fruits

Get Delivered the Fruits within 1 day with InstaSmart



@Updated 17 hours ago [@InstaSmart.com](http://InstaSmart.com)

Activate Windows
Go to Settings to activate Windows.

ABOUT US PAGE

localhost:4200/aboutus

Home Products About Us Contact Us 

InstaSmart
The Smartest E-Commerce Application

E-commerce (electronic commerce) is the activity of electronically buying or selling of products on online services or over the Internet. E-commerce draws on technologies such as mobile commerce, electronic funds transfer, supply chain management, Internet marketing, online transaction processing, electronic data interchange (EDI), inventory management systems, and automated data collection systems. E-commerce is in turn driven by the technological advances of the semiconductor industry, and is the largest sector of the electronics industry.

LIKE SHARE

Know More About Us
See Below Information

The term was coined and first employed by Dr. Robert Jacobson, Principal Consultant to the California State Assembly's Utilities & Commerce Committee, in the title and text of California's Electronic Commerce Act, carried by the late Committee Chairwoman Gwen Moore (D-L.A.) and enacted in 1984. E-commerce typically uses the web for at least a part of a transaction's life cycle although it may also use other technologies such as e-mail. Typical e-commerce transactions include the purchase of products (such as books from Amazon) or services (such as music downloads in the form of digital distribution such as iTunes Store).[1] There are three areas of e-commerce: online retailing, electronic markets, and online auctions. E-commerce is supported by electronic business.[2] The existence value of e-commerce is to allow consumers to shop online and pay online through the Internet, saving the time and space of customers and enterprises, greatly improving transaction efficiency, especially for busy office workers, but also saving a lot of valuable time,

Activate Windows

CONTACT US PAGE

localhost:4200/contactus

Home Products About Us Contact Us →

CONTACT US



Enter First Name*

Max 20 characters 0/20

Enter Last Name*

Activate Windows

CONTACT US PAGE AFTER SUBMISSION

localhost:4200/contactus

localhost:4200 says
Form Submitted Successfully

OK

Enter First Name*
Ayantika
Max 20 characters

Enter Last Name*
Datta
Max 20 characters 5/20

Enter Email ID*
ayantika@gmail.com
Max 40 characters 18/40

Store Name*
DEF Store

Comments*
No Comments

Activate Windows
Go to Settings to activate Windows.

SAVE

Type here to search

13:51

LOGIN PAGE

localhost:4200/login

LOGIN

Please enter your login and password!

ayantika.admin

Username

.....

Password

Login

Cancel



Activate Windows
Go to Settings to activate Windows.

Type here to search



28°C Sunny 13:52 ENG

LOGIN PAGE WHEN INVALID USER

localhost:4200/login

PRODUCTS PAGE AFTER LOGGING IN AS A USER

Hello, Sign In Returns

InstaSmart Accounts and Lists & Orders

View Cart  0

Home Products About Us Contact Us

Welcome ayantika.user 

Filter By Category

- Veggies
- Fruits
- Grocery
- Electronic Device
- Jeans

Filter By Price

- Below 1000
- 1000-5000

List Of Our Products

Potato
Vegetables



This is a Potato

View Details

Apple
Fruits



This is a Apple

View Details

Realme 1 Pro
Electronic Device



This is a Realme 1 Pro

Activate Windows
Mobile
Go to Settings to activate Windows.

Type here to search        

28°C Sunny  ENG  13:55 

AFTER CLICKING ON A PRODUCT'S DETAILS

localhost:4200/products/P012

HOME PRODUCTS ABOUT US CONTACT US



Lenovo Tab M2

Product Id	P012
Product Name	Lenovo Tab M2
Product Price	Rs. 70000
Product Category	Electronic Device
Product Description	This is Lenovo M2 Tab
Seller Name	GFD Seller
Seller Location	Ranchi

 ADD TO CART

 BACK TO PRODUCTS

Activate Windows
Go to Settings to activate Windows.



Type here to search



28°C Sunny

ENG
17-01-2023

13:57

ANOTHER PRODUCT DETAILS

localhost:4200/products/P009



Grapes

Product Id	P009
Product Name	Grapes
Product Price	Rs. 400
Product Category	Fruits
Product Description	This is the Grapes
Seller Name	VFG Seller
Seller Location	Patna

ADD TO CART

[BACK TO PRODUCTS](#)

Activate Windows
Go to Settings to activate Windows.



Type here to search



28°C Sunny 13:57
17-01-2023

CART AFTER ADDING SOME PRODUCTS

localhost:4200/cart

InstaSmart Hello, Sign In Returns
Accounts and Lists & Orders View Cart 

All Home Products About Us Contact Us Welcome ayantika.user 

ID	NAME	IMAGE	QUANTITY
P009	Grapes		<input type="text" value="4"/>  
P012	Lenovo Tab M2		<input type="text" value="1"/>  



Total Price: 71600

[CHECKOUT](#) [CONTINUE SHOPPING](#) Activate Windows
Go to Settings to activate Windows.

Type here to search         28°C Sunny 13:59 17-01-2023 ENG

PAYMENT PAGE

localhost:4200/payment

InstaSmart

Apply Coupons

Pay With NetBanking

PAY WITH CARD

Enter Credit Card Number*

Max 12 numbers 0/12

Enter Card Holder Name*

Max 30 characters 0/30

Card Expiry Date*
1/12/2022

MM/DD/YYYY

Enter CVV*

Max 3 characters 0/3

SUBMIT

Activate Windows
Go to Settings to activate Windows.

Type here to search

28°C Sunny 14:00

VALIDATIONS DONE IN PAYMENT FORM

localhost:4200/payment

InstaSmart

Apply Coupons

Pay With NetBanking

PAY WITH CARD

Enter Credit Card Number*
345
Length of Card number is 12

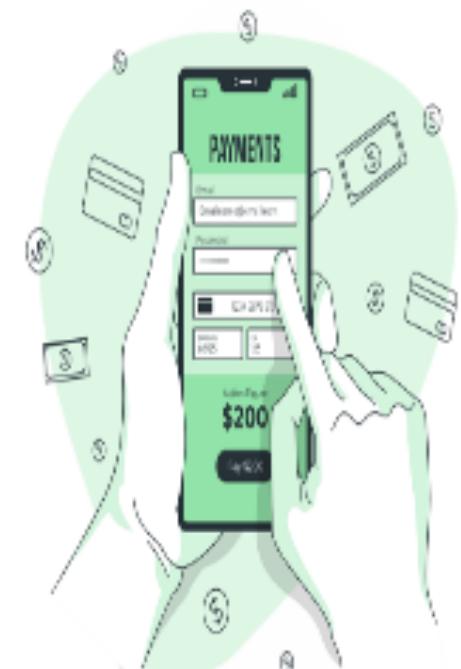
Enter Card Holder Name*
Credit Card Holder Name is required

Card Expiry Date*
1/12/2022

MM/DD/YYYY

Enter CVV*
Max 3 characters
0/3

SUBMIT



Activate Windows
Go to Settings to activate Windows.



Type here to search



28°C Sunny

ENG
17.01.2023

14:01

GIVEN PAYMENT FORM INPUTS

localhost:4200/payment

InstaSmart

Apply Coupons

Pay With NetBanking

PAY WITH CARD

Enter Credit Card Number*
789045667890

Max 12 numbers 12/12

Enter Card Holder Name*
Ayantika

Max 30 characters 8/30

Card Expiry Date*
11/24/2023

MM/DD/YYYY

Enter CVV*
789

Max 3 characters 3/3

SUBMIT

Activate Windows
Go to Settings to activate Windows.

Type here to search

28°C Sunny 14:02 ENG

AFTER COMPLETING THE PAYMENT

localhost:4200/payment

Hello, Sign In Returns
Accounts and Lists & Orders

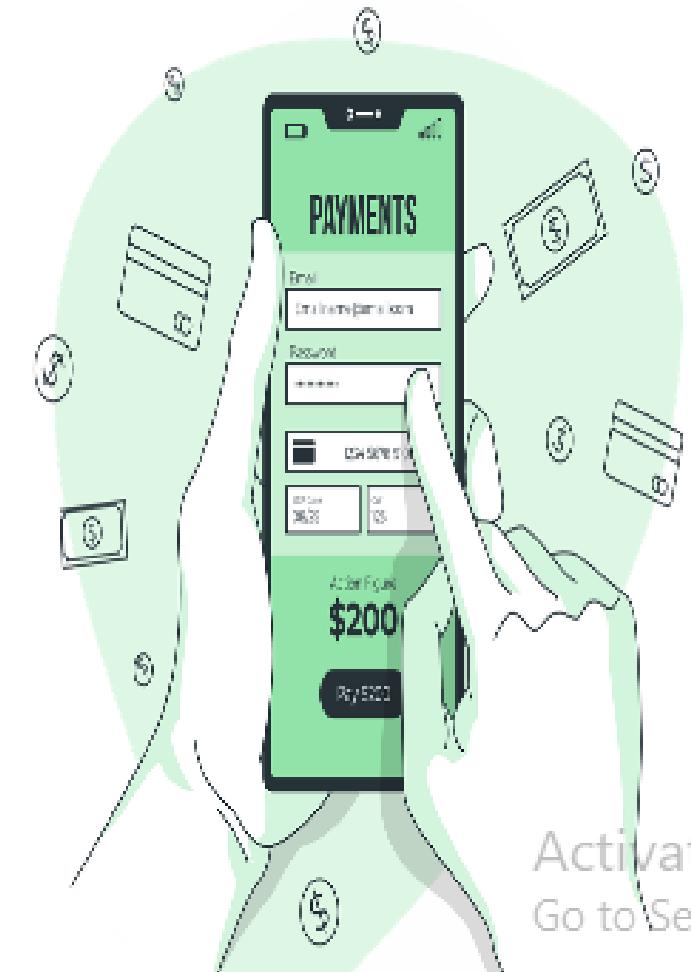
View Cart 

All Home Products About Us Contact Us Welcome ayantika.user 

Thank You for Shopping With Us

Continue your Shopping

[Continue Shopping](#)



Activate Windows
Go to Settings to activate Windows.

Type here to search       

28°C Sunny 14:03
17-01-2023 ENG

LOGGED IN AS ADMIN

localhost:4200/login



LOGIN

Please enter your login and password!

ayantika.admin

Username

.....

Password

Login

Cancel



Activate Windows
Go to Settings to activate Windows.

Type here to search



28°C Sunny 14:06
ENG 17.01.2023

PRODUCTS PAGE AFTER LOGGING IN AS AN ADMIN

localhost:4200/products

InstaSmart Accounts and Lists & Orders View Cart 0

Home Products About Us Contact Us Welcome ayantika.admin

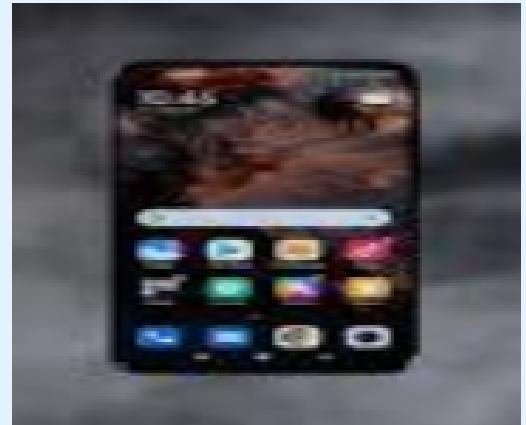
List Of Our Products

Potato
Vegetables

This is a Potato
EDIT **DELETE**

Apple
Fruits

This is a Apple
EDIT **DELETE**

Realme 1 Pro
Electronic Device

This is a Realme 1 Pro
Mobile
Activate Windows
EDIT **DELETE**

Filter By Category

- Vegies
- Fruits
- Grocery
- Electronic Device
- Jeans

Filter By Price

- Below 1000
- 1000-5000

Type here to search

28°C Sunny 14:07 17-01-2023

AFTER CLICKING ON ADD NEW PRODUCT

ADD NEW PRODUCT

ADD NEW PRODUCT

PRODUCT ID*

Enter The Product Id 0 / 5

PRODUCT NAME*

Enter The Product Name 0 / 25

PRODUCT IMAGE URL*

Enter The Product Image Url 0 / 50

PRODUCT DESCRIPTION*

Enter Something About the product 0 / 200

PRODUCT PRICE*

0
Enter the product price

PRODUCT CATEGORY*

Enter The Product Category 0 / 25

PRODUCT SELLER NAME*

Activate Windows
Go to Settings to activate Windows.

Type here to search

14:08 28°C Sunny ENG 17-01-2023

VALIDATIONS DONE ON FORM

localhost:4200/products/addProduct

[View Details](#)

[ADD NEW PRODUCT](#)

ADD NEW PRODUCT

PRODUCT ID*
Product ID is required

PRODUCT NAME*
Product Name is required

PRODUCT IMAGE URL*
Ex. ./url
Product imageUrl is required

PRODUCT DESCRIPTION*
Enter Something About the product 0 / 200

PRODUCT PRICE*
0
Enter the product price

PRODUCT CATEGORY*
Enter The Product Category 0 / 25

PRODUCT SELLER NAME*

Activate Windows
Go to Settings to activate Windows.

Type here to search

14:09

INPUT GIVEN ON ADD NEW PRODUCT FORM

localhost:4200/products/addProduct

Enter The Product Id 4 / 5
PRODUCT NAME*
Mango

Enter The Product Name 5 / 25
PRODUCT IMAGE URL*
../../assets/images/mango.jpg

Enter The Product Image Url 29 / 50
PRODUCT DESCRIPTION*
This is a mango

Enter Something About the product 15 / 200
PRODUCT PRICE*
70

Enter the product price
PRODUCT CATEGORY*
Fruits

Enter The Product Category 6 / 25
PRODUCT SELLER NAME*
ABC Seller

Enter The Product Seller Name 10 / 25
PRODUCT SELLER LOCATION*
Kolkata

Enter The Product Seller Location 7 / 25
PRODUCT QUANTITY*
0

Enter the product quantity

SAVE

Activate Windows
Go to Settings to activate Windows.

NEW PRODUCT SUCCESSFULLY ADDED

localhost:4200/products

The screenshot shows a web browser window with the URL 'localhost:4200/products'. The main content is a product card for a mango. The card has a dark grey border and contains the following information:

- Mango**
- Fruits
-
- This is a mango
- EDIT** button
- DELETE** button
- View Details** button

Activate Windows
Go to Settings to activate Windows.

Type here to search

14:11 28°C Sunny ENG 17-01-2023

UPON CLICKING ON EDIT A PRODUCT

localhost:4200/products/editProduct

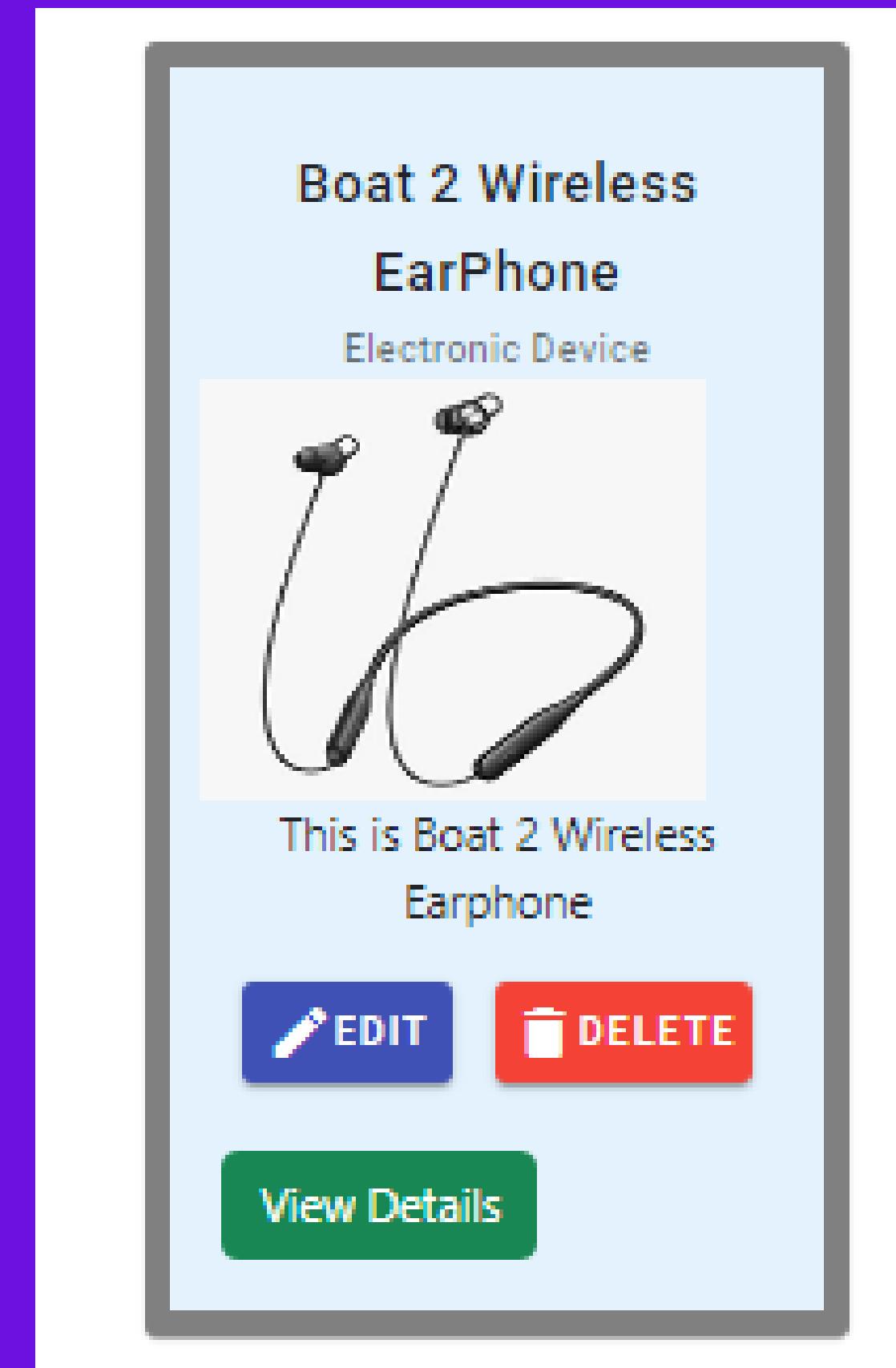
EDIT P013 Boat 1 Wireless EarPhone DETAILS

PRODUCT ID*	P013
Enter The Product Id	4 / 5
PRODUCT NAME*	Boat 2 Wireless EarPhone
Enter The Product Name	24 / 25
PRODUCT IMAGE URL*	../..//assets/images/earphone.jpg
Enter The Product Image Url	32 / 50
PRODUCT DESCRIPTION*	This is Boat 2 Wireless Earphone
Enter Something About the product	32 / 200
PRODUCT PRICE*	8000
Enter the product price	
PRODUCT CATEGORY*	Electronic Device
Enter The Product Category	17 / 25
PRODUCT SELLER NAME*	BHJ Seller
Enter The Product Seller Name	10 / 25
PRODUCT SELLER LOCATION*	Kolkata
Enter The Product Seller Location	7 / 25
PRODUCT QUANTITY*	0
Enter the product quantity	

SAVE

Activate Windows
Go to Settings to activate Windows.

PRODUCT SUCCESSFULLY EDITED



ON DELETING A PRODUCT

localhost:4200 products

localhost:4200 says
Are You Sure to Delete P010 Sunflower Oil Details

OK Cancel

This is the Sunflower Oil

EDIT DELETE

View Details

This is the AB Sugar

EDIT DELETE

View Details

Lenovo Tab M2
Electronic Device

12:30

This is Lenovo M2 Tab

EDIT DELETE

View Details

Activate Windows
Go to Settings to activate Windows.

Type here to search

28°C Sunny 14:14 17.01.2022

REDUX DEVTOOLS WHEN LOADING THE PRODUCTS

localhost:4200/products

InstaSmart Hello, Sign In Returns Accounts and Lists & Orders 0

All

Filter By Category

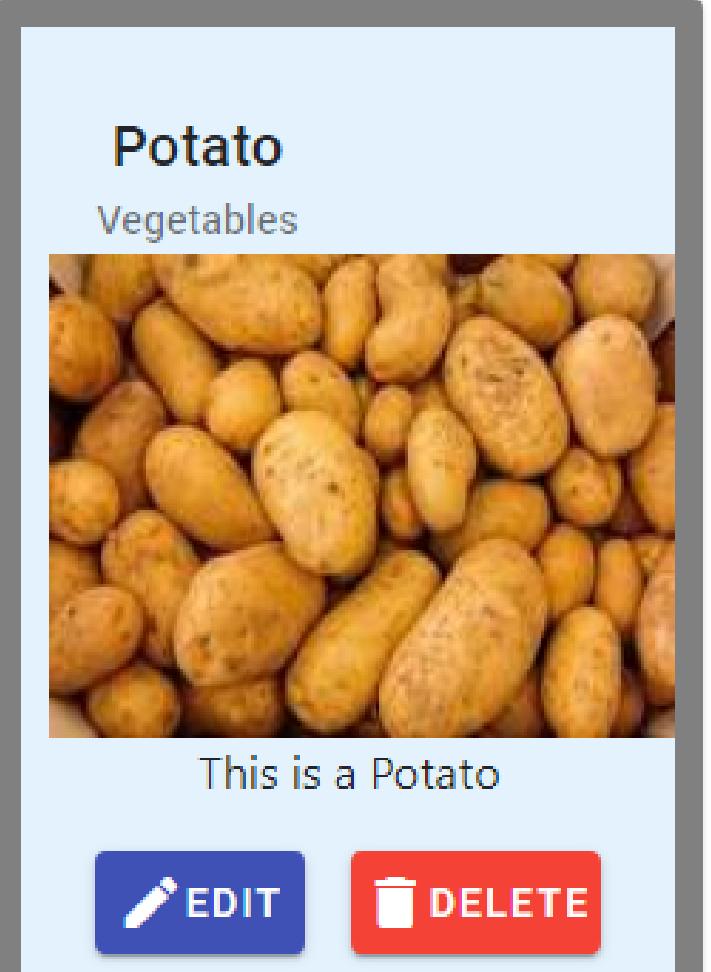
- Vegies
- Fruits
- Grocery
- Electronic Device
- Jeans

Filter By Price

- Below 1000
- 1000-5000

List Of Our Products

Potato Vegetables



NgRx Store DevTools

Actions Settings

filter... @ngrx/effects/init +30:00.00

@ngrx/store/update-reducers +30:00.14

[Product] Load +30:00.01

[Product] Load Success +30:00.51

[Product] Load Success (5)

Action State Diff

Tree Raw

products (pin)
products (pin): { 0: {...}, 1: {...}, 2: {...}, }

Inspector Log monitor Chart RTK Query

Console What's New Issues

Highlights from the Chrome 109 update

Recorder panel updates
New step context menu, option to copy a single step from a script, remove the first navigation step, and more.

Improved JavaScript debugging
Inline preview for WeakRef, correct preview of shadowed inline variable, and

Activate Windows Go to Settings to activate Windows. new

Type here to search

14:15 28°C Sunny ENG 17-01-2023

REDUX DEVTOOLS WHEN ADDING A NEW PRODUCT

The screenshot shows a web application interface for managing products. On the left, a modal window displays a mango image with the title "Mango" and the category "Fruits". Below the image, the text "This is a mango" is visible. At the bottom of the modal are three buttons: "EDIT" (blue), "DELETE" (red), and "View Details" (green). At the very bottom of the page, there is a large blue button labeled "ADD NEW PRODUCT".

On the right side of the screen, the Chrome developer tools are open, specifically the "Redux" tab of the "DevTools" panel. The "Actions" tab is selected, showing a timeline of actions:

- [Product] Create Product +30:44.63
- [Product] Create Product +30:00.51 Success

Below the actions, the "Diff" section shows a comparison between two states, with "Tree" and "Raw" options available. The "Inspector" tab is also visible at the bottom of the DevTools panel.

REDUX DEVTOOLS WHEN EDITING A PRODUCT

The screenshot shows a web application interface for editing a product. On the left, there is a modal window titled "Grey Jeans 2" displaying an image of jeans and some descriptive text. Below the image are three buttons: "EDIT", "DELETE", and "View Details". To the right of this modal, there is a large, semi-transparent rectangular area containing the word "Mango".

On the right side of the screen is the **Redux DevTools** extension for the browser's developer tools. The top navigation bar includes tabs for "Elements", "Console", "Sources", "Redux" (which is currently selected), and other options.

The "Actions" tab is active, showing a toolbar with icons for recording, pinning, locking, and various commit operations: "Reset", "Revert", "Sweep", and "Commit".

The main pane displays a list of actions under the heading "Product". Two actions are visible:

- [Product] Update Product +30:12.28
- [Product] Update Product Success +30:00.52

Below the list, a message indicates "[Product] Update Product Success (15)".

The bottom of the devtools panel features tabs for "Inspector", "Log monitor", "Chart", and "RTK Query", with "Inspector" being the active tab. It also includes links for "Console", "What's New", and "Issues".

A sidebar on the right contains highlights from the Chrome 109 update, including "Recorder panel updates" and "Improved JavaScript".

A blue banner at the bottom right of the screen says "Activate Windows" and "Go to Settings to activate Windows. new".

REDUX DEVTOOLS WHEN DELETING A PRODUCT

localhost:4200/products

The screenshot shows a web application interface with a product detail view on the left and the Redux DevTools extension on the right.

Product Details View:

- Page URL: localhost:4200/products
- Product Name: Grey Jeans
- Category: Jeans
- Image: An image of a pair of grey jeans.
- Action: A green "View Details" button.

Redux DevTools Extension:

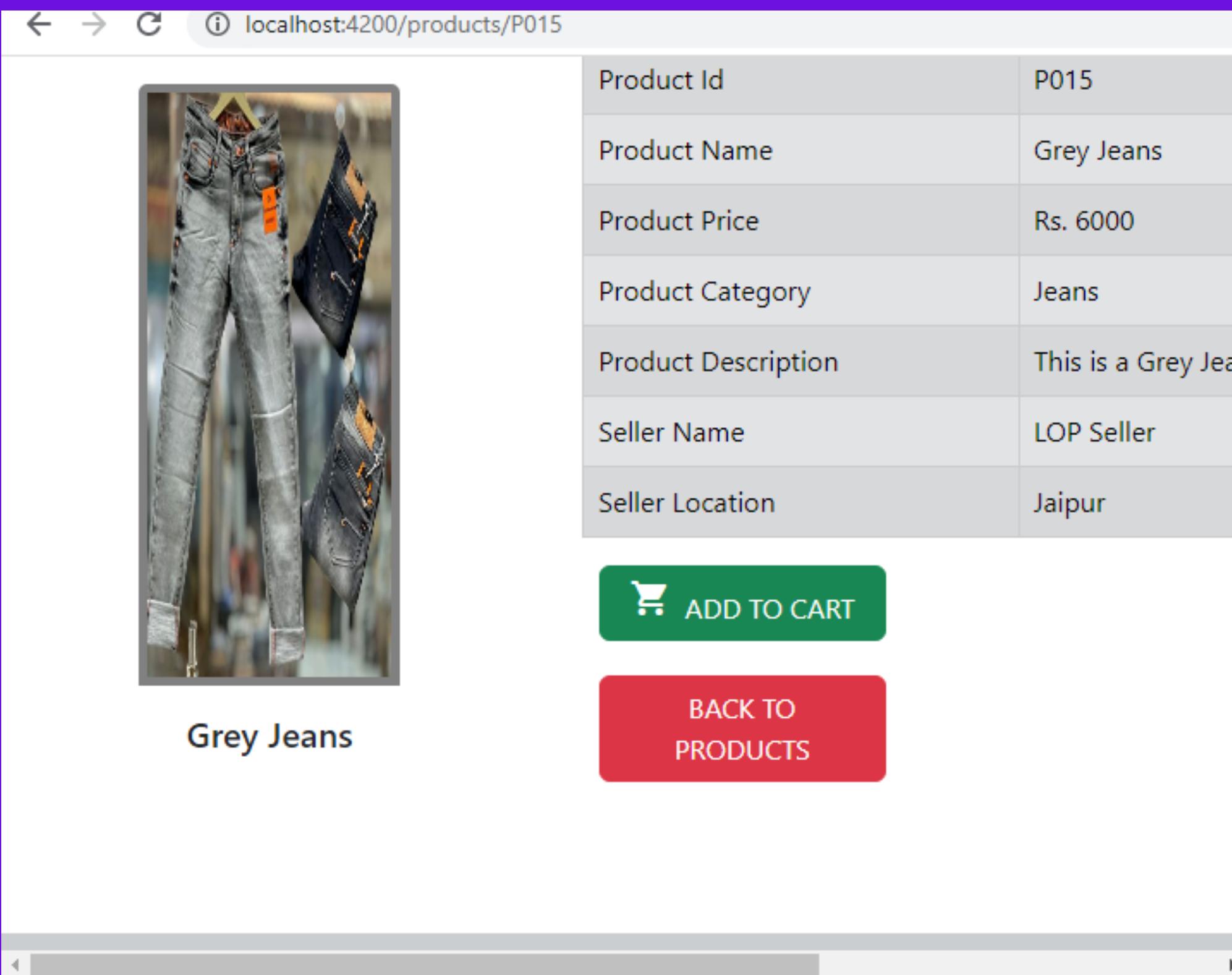
- Toolbar: Elements, Console, Sources, Network, **Redux**, NgRx Store
- Actions: Reset, Revert, Sweep, Commit
- Filter: filter...
- Log:

 - [Product] Delete Product +30:31.31
 - [Product] Delete Product +30:00.52
 - Success
 - [Product] Delete Product Success (17)

- State Tree: products (pin)
 - currentProductId (pin): P0134
 - products (15) [15]
- Inspector, Log monitor, Chart, RTK Query tabs

REDUX DEVTOOLS WHEN ADDED PRODUCT TO CART

localhost:4200/products/P015



Product Id: P015
Product Name: Grey Jeans
Product Price: Rs. 6000
Product Category: Jeans
Product Description: This is a Grey Jean
Seller Name: LOP Seller
Seller Location: Jaipur

ADD TO CART

BACK TO PRODUCTS

Redux DevTools

Actions Settings

[Product] Load Success +30:00.52

[Cartitem] Create Cartitem +30:03.14

[Cartitem] Create Cartitem +30:00.50 Success

[Cartitem] Create Cartitem Success (23)

Diff Action State Diff

Tree Raw

carts (pin)
currentProductId (pin): "P001" => 'P015'

products (pin): "P001" => "P015"

Inspector Log monitor Chart RTK Query

Console What's New Issues

Highlights from the Chrome 109 update

Recorder panel updates
New step context menu, option to copy a single step from a script, remove the first navigation step, and more.

Improved JavaScript debugging
Inline preview for WeakRef, correct preview of shadowed inline variable, and

Activate Windows
Go to Settings to activate Windows.
new

REDUX DEVTOOLS WHEN LOADING AND DELETING CART ITEMS

The screenshot shows a web application for managing a shopping cart. On the left, there is a table with columns: ID, NAME, IMAGE, and QUANTITY. A single item, "Potato" (ID P001), is listed with a quantity of 1. To the right of the table is a large icon of a shopping cart containing a single potato. Below the cart icon, a green box displays "Total Price: 200". At the top of the page, there is a navigation bar with links for "Hello, Sign In", "Returns", "Accounts and Lists", and "& Orders". A shopping cart icon with the number "1" is also present in the top right corner.

The right side of the screen features the Redux DevTools extension for Chrome. The "Redux" tab is selected. The "Actions" section shows several log entries:

- [Cartitems] Load Success
- [CartItem] Delete Cartitem
- [CartItem] Delete Cartitem Success
- [CartItem] Delete Cartitem Success (30)

The "State" section shows a tree view of the application's state, with a node for "carts (pin)" and a specific entry for "currentProductId": "P015" mapped to null. The "Inspector" tab is also visible in the DevTools sidebar.

At the bottom of the screen, the Windows taskbar is visible, showing the search bar, pinned icons for File Explorer, Mail, and File Explorer, and the system tray with weather information (28°C Sunny) and date/time (14:21, 17-01-2023).

TESTING

Chrome is being controlled by automated test software. X

Karma v 6.4.1 - connected; test: complete;

DEBUG

Chrome 109.0.0.0 (Windows 10) is idle

Jasmine 4.5.0

Options

150 specs, 0 failures, randomized with seed 16827

finished in 5.568s

```
ProducteditComponent
  • should have the product name
  • should have the product imageUrl
  • should check the input type of product category
  • should check the input type of product quantity
  • should create
  • should have the product id
  • should have the product seller name
  • should check the button disabled when invalid
  • should have the product price
  • should check the form control name of product name
  • should check the form control name of product id
  • should have the product description
  • should check the input type of product price
  • should have the product category
  • should check the input type of product description
  • should check the form control name of product description
  • should check the input type of product id
  • should check the form control name of product imageUrl
  • should check the input type of product name
  • should check the input type of product seller location
```

Activate Windows
Go to Settings to activate Windows.

14:23