Smart Portables Assignment4

Avinash Vellineni

A20406657

Home Page Before Logging into the application:

localhost/Tutorial_1/Home 90%

No decision should be made on an empty shopping bag

Shop the Latest Smart Portables here..

Best Sellers

Dell13500 $499.99 Buy Now WriteReview ViewReview

FitbitBlaze $149.99 Buy Now WriteReview ViewReview

localhost/Tutorial_1/Home 90%

FitbitBlaze $149.99 Buy Now WriteReview ViewReview

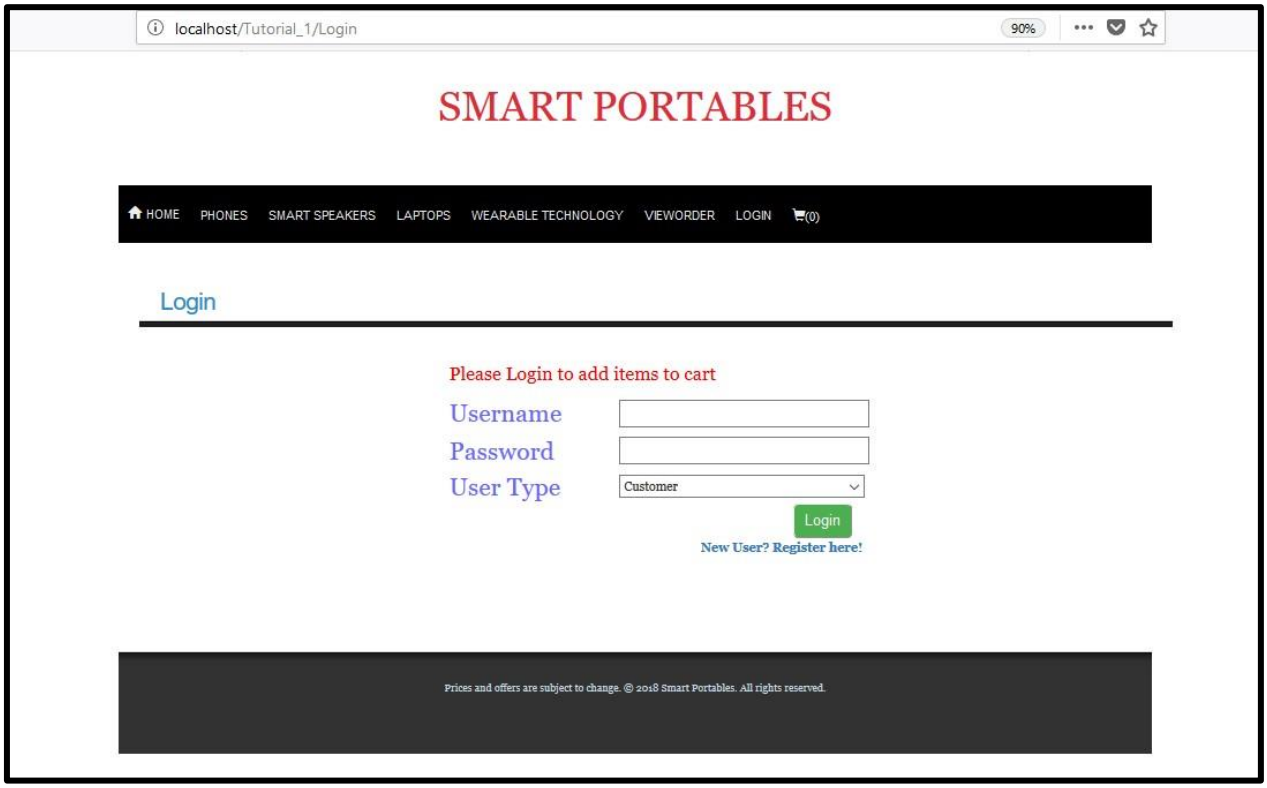
Special Offers

Topffy $49.99 Buy Now WriteReview ViewReview

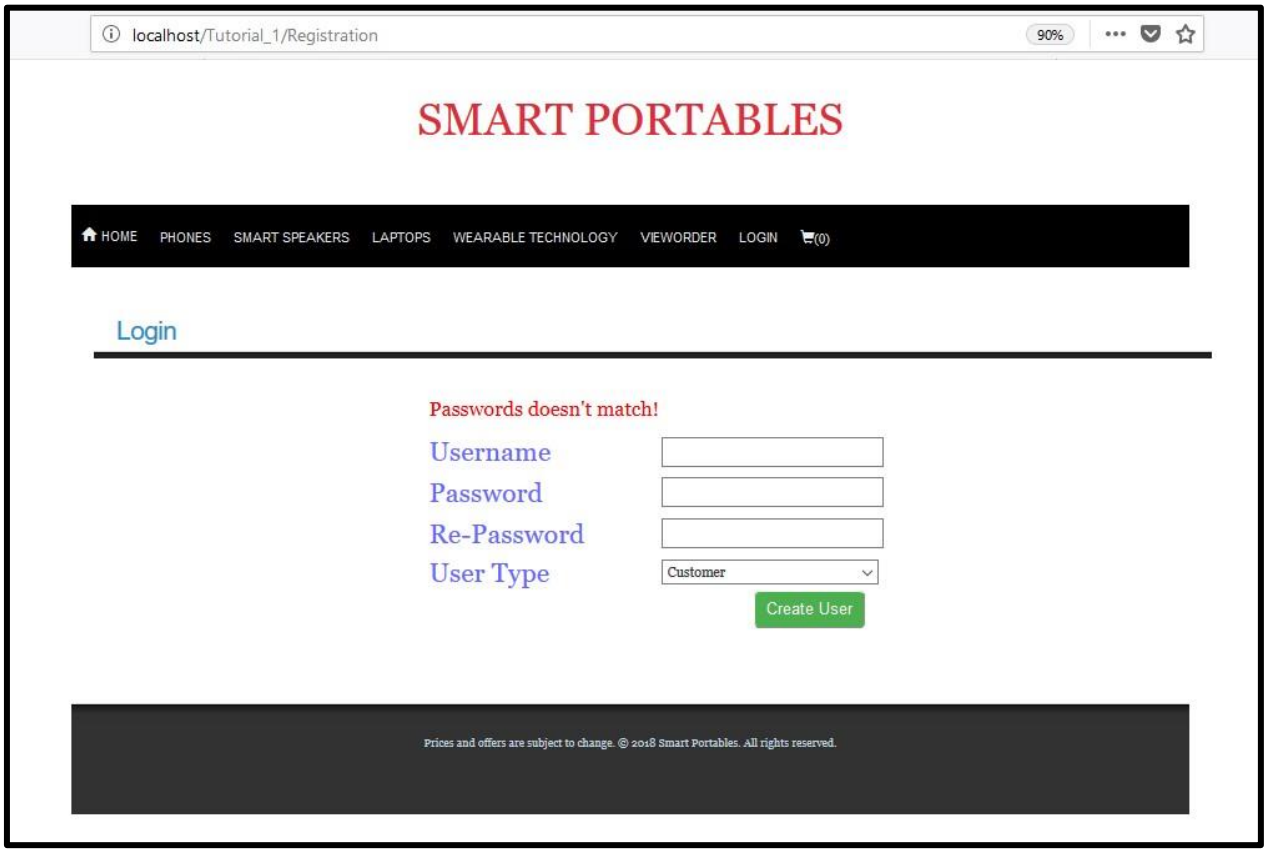
PonotoGalaxy $39.99 Buy Now WriteReview ViewReview

Prices and offers are subject to change. © 2018 Smart Portables. All rights reserved.

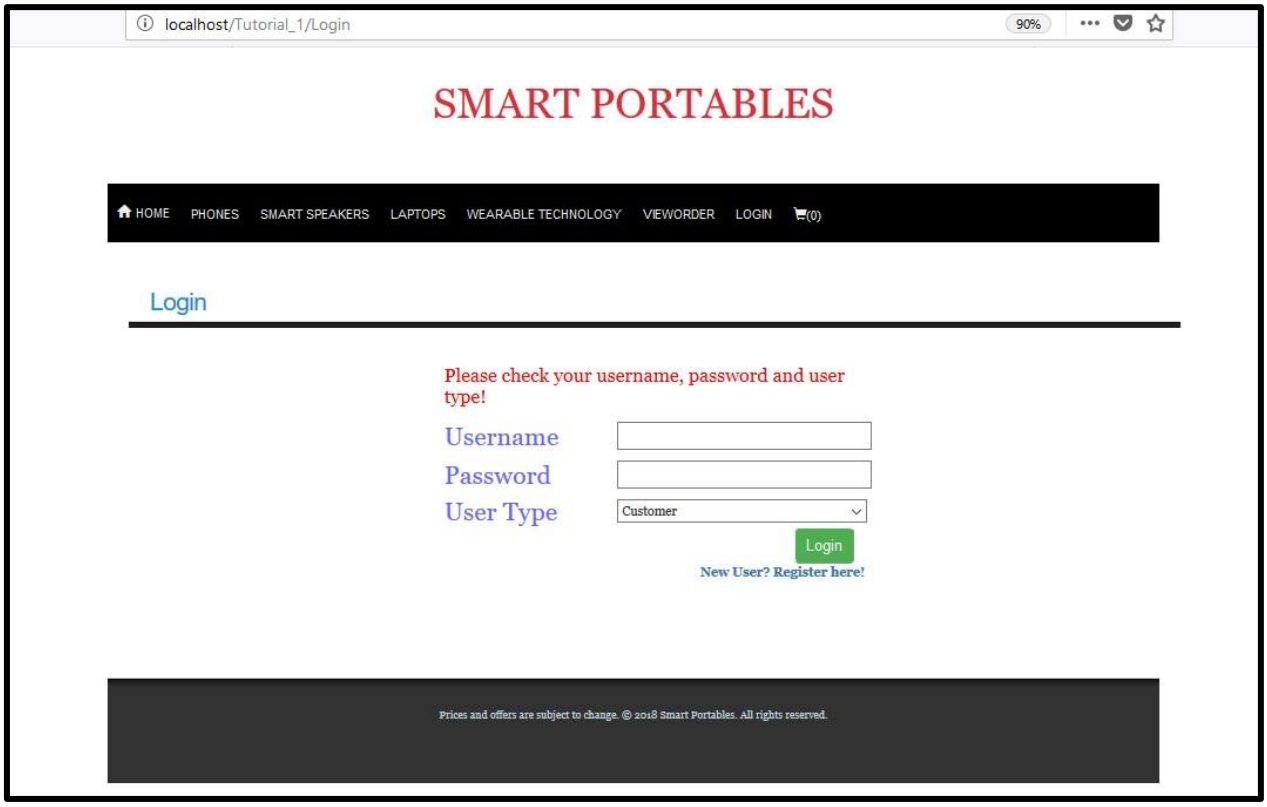
Error message if you try to buy an item before logging into the application:



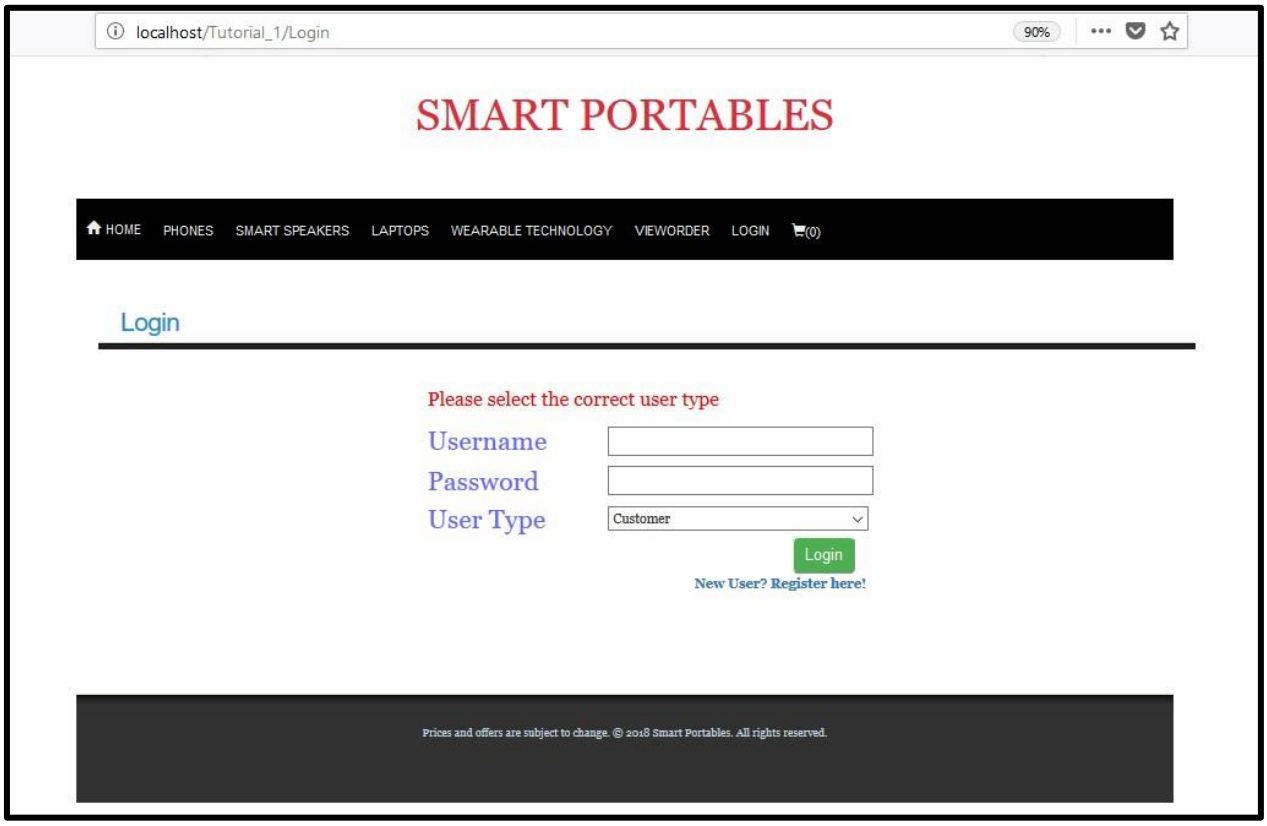
Registering for a new user and the entered password and re-password doesn't match:



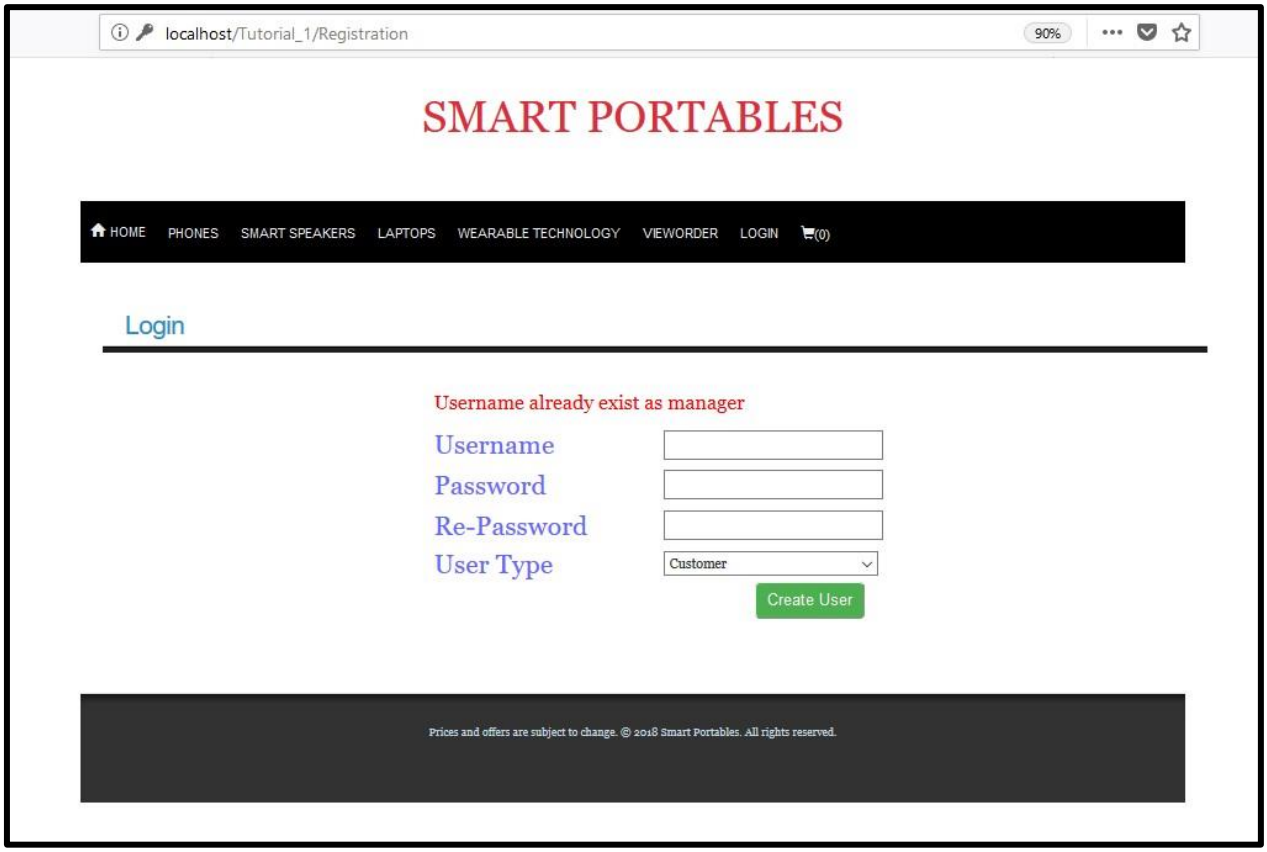
If the entered password, username, user type doesn't match the corresponding error message is displayed:



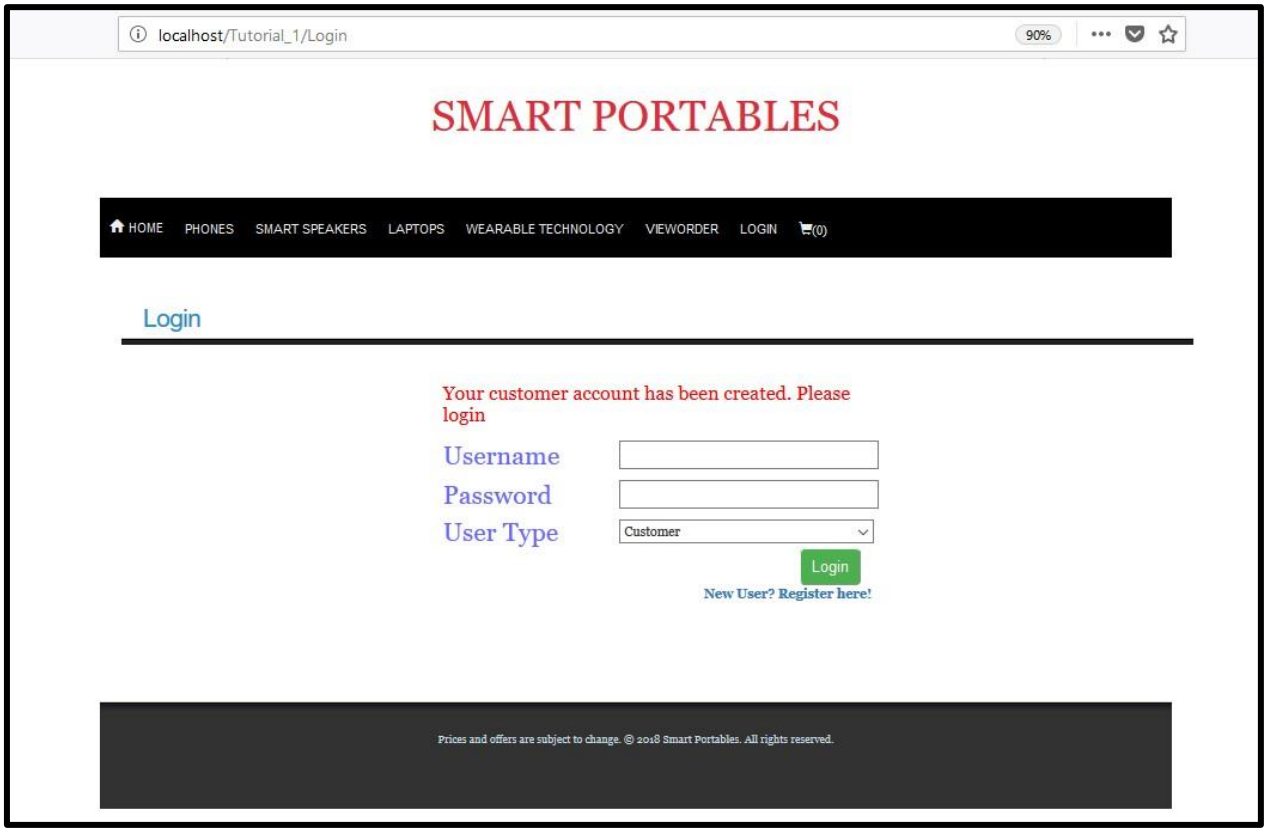
If the entered user type doesn't match the corresponding error message is displayed:



If the user already exists and if try to create a user with the same name the corresponding error message is displayed:

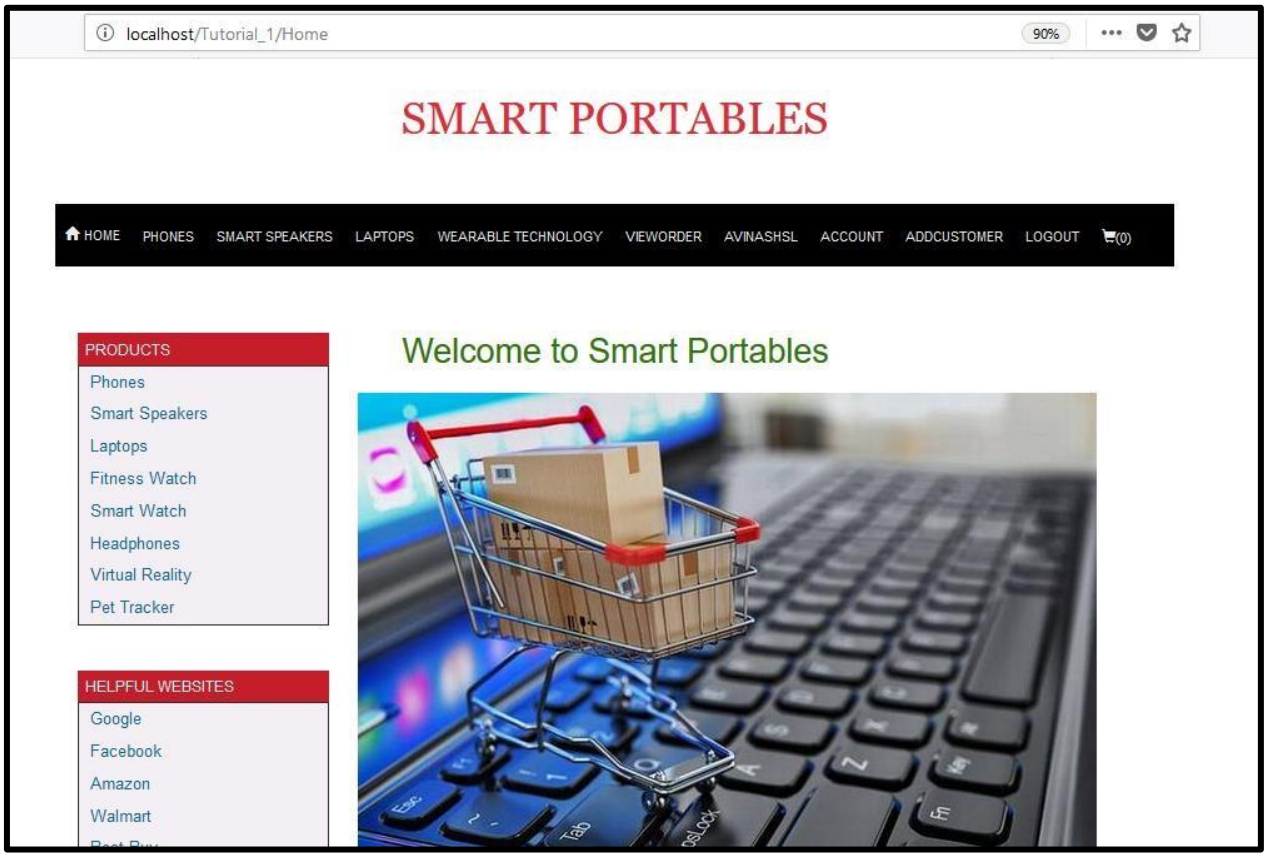


New user account creation:

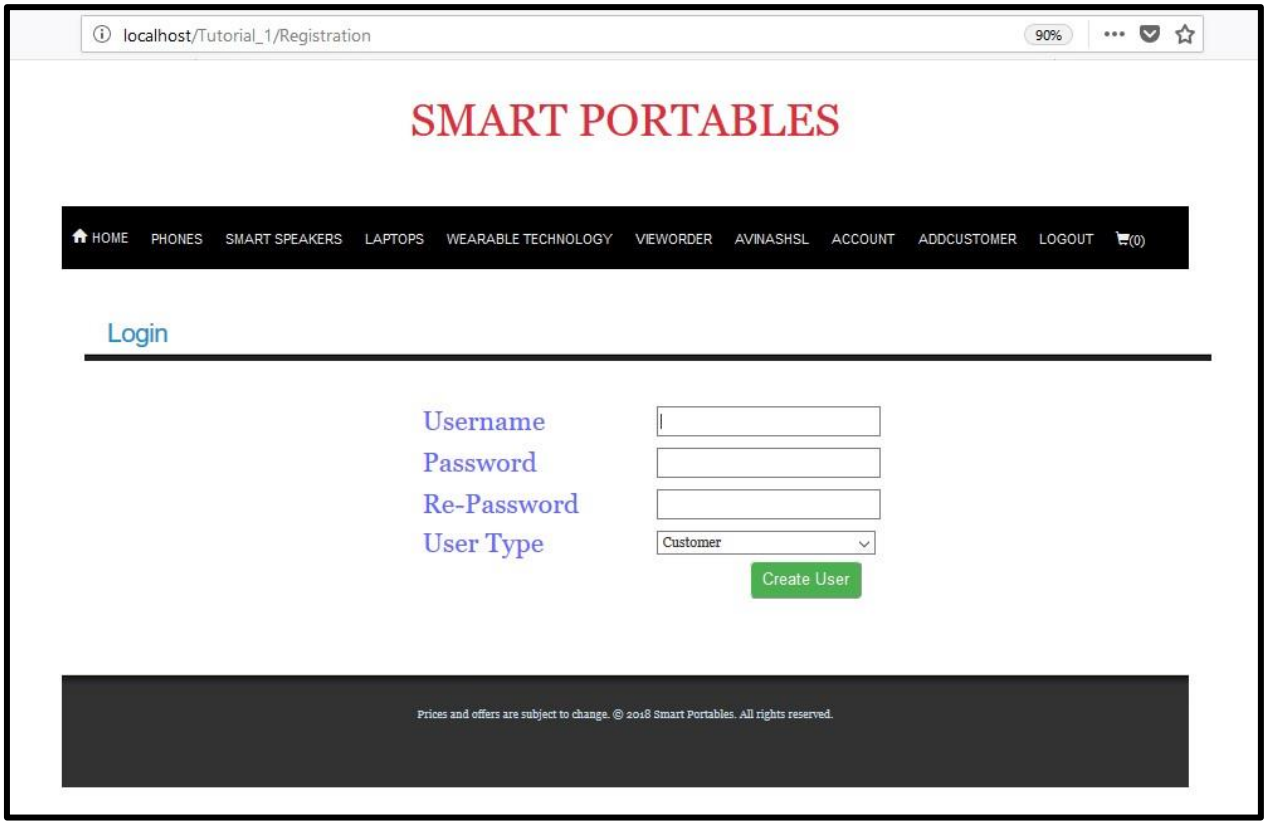


Logged into application as a Customer Username- Avinash Password - avi:

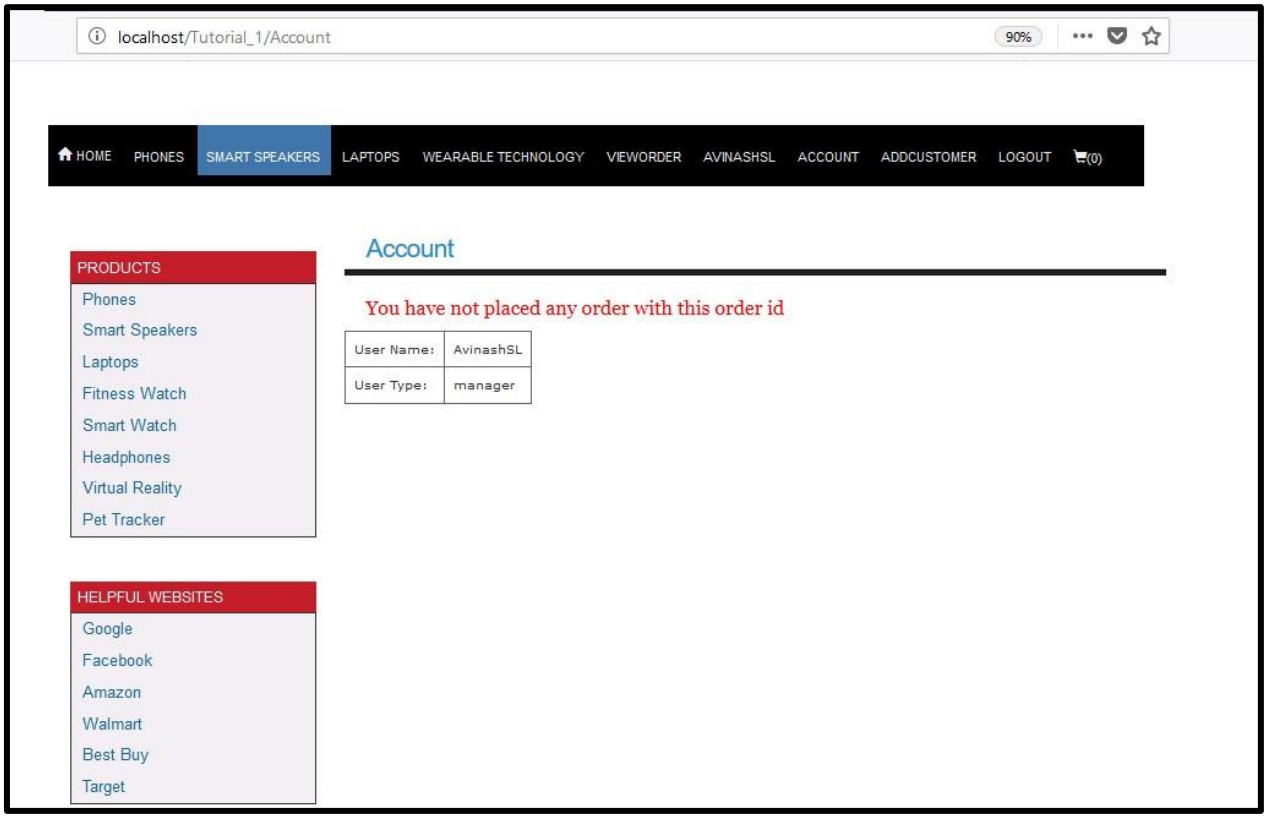
Logged into application as a Salesman Username- AvinashSL Password - avi:



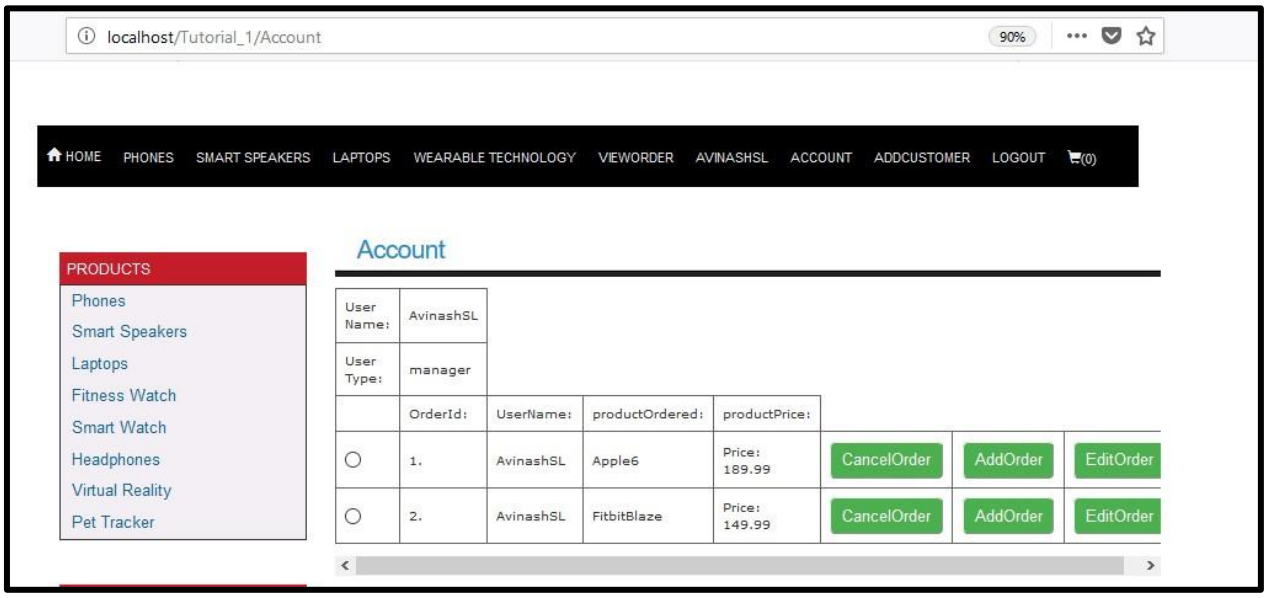
As a salesman you can able to create customer profiles:



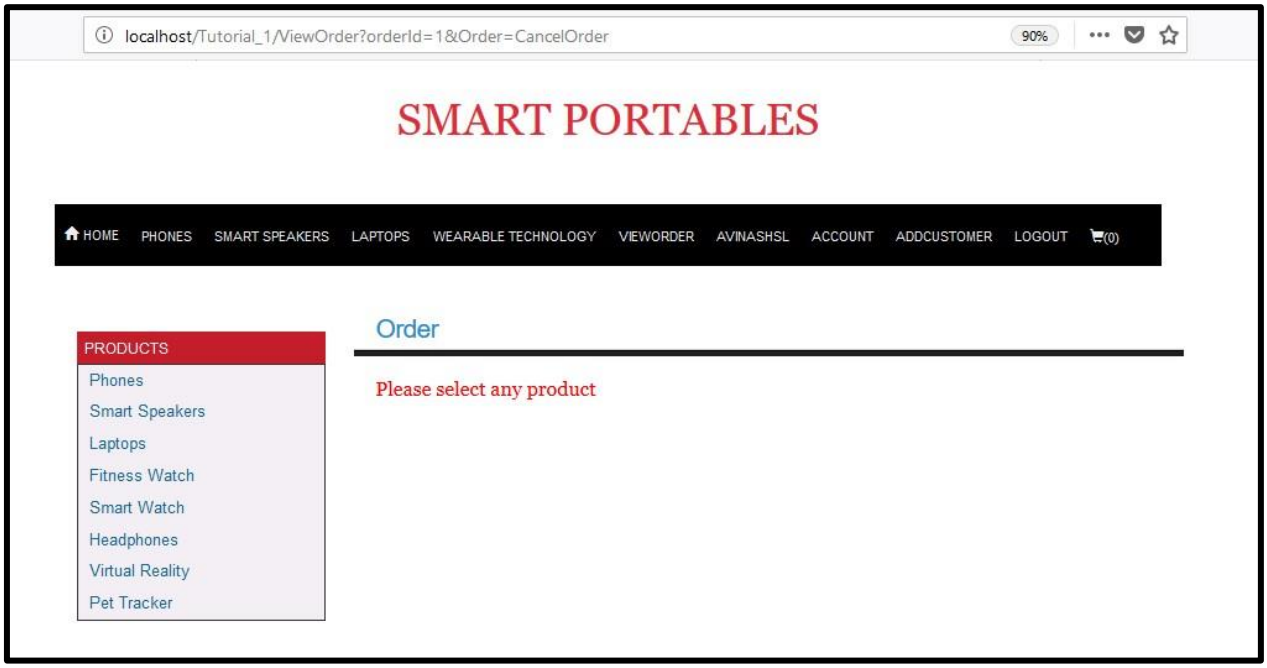
View of the account if none of the orders are placed:



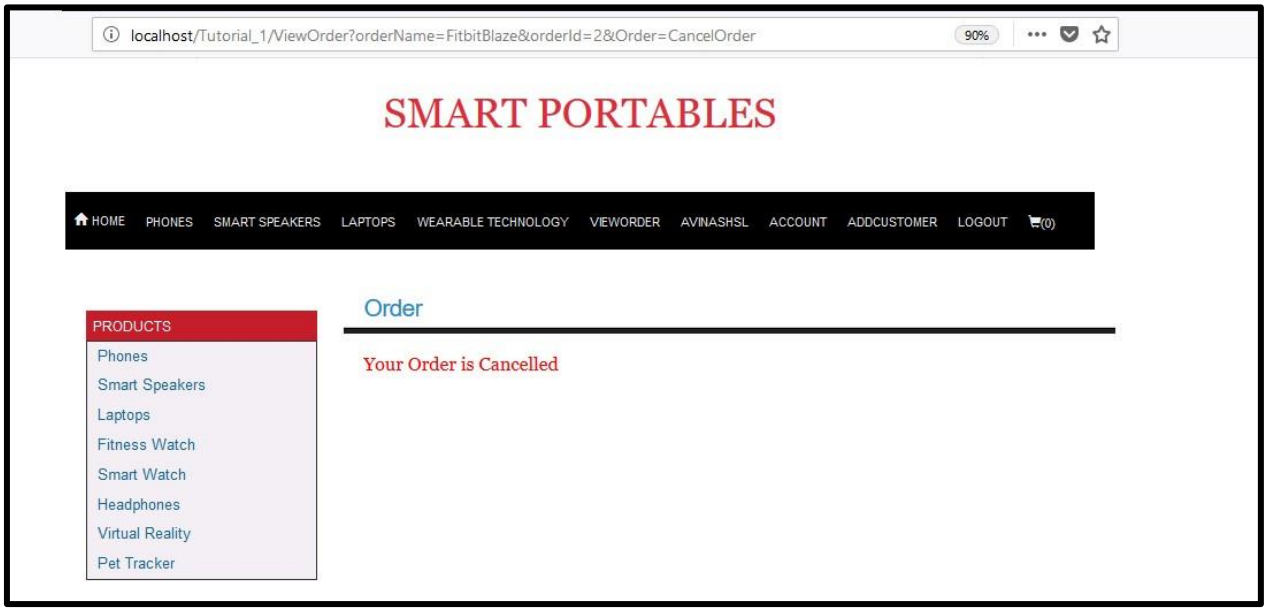
View of account after creation of orders:



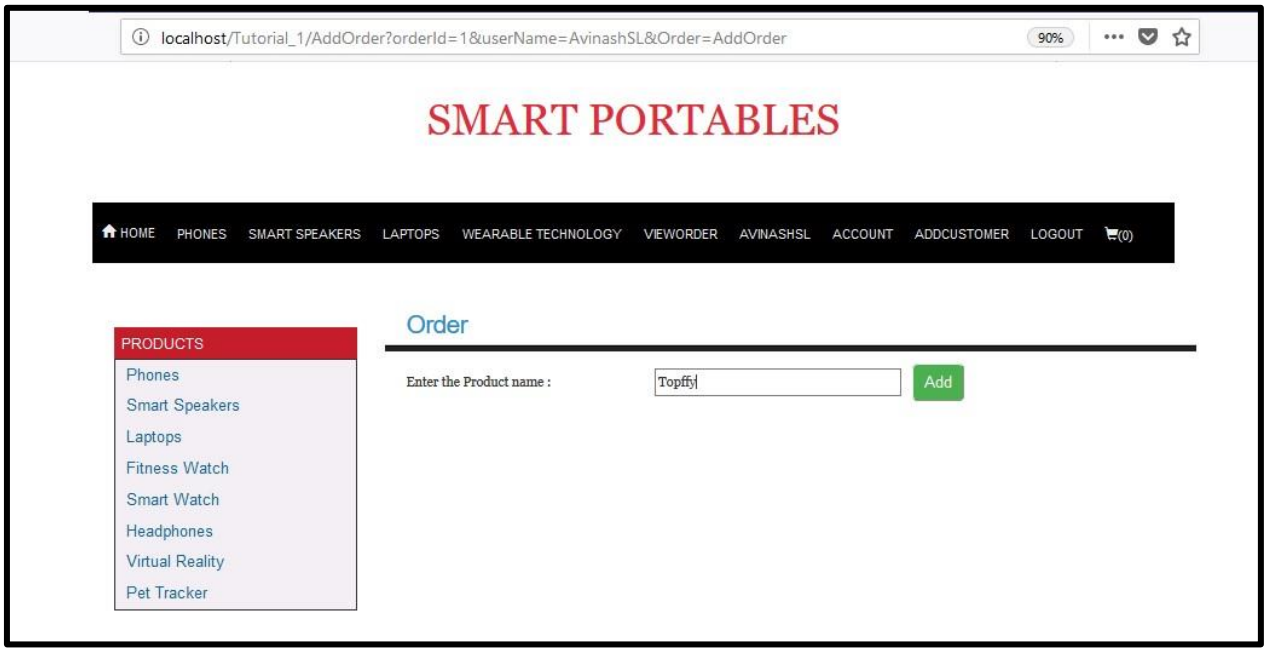
Trying to cancel an order without selection of an order:



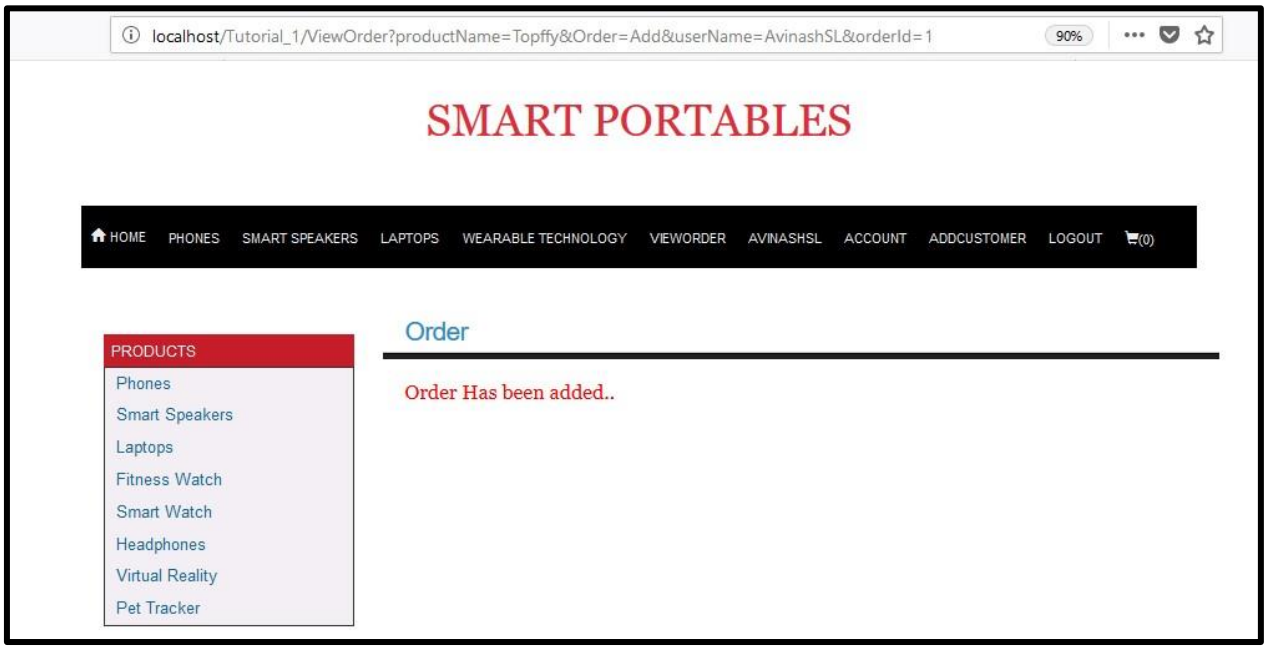
Cancelling an order after selecting using radio buttons:



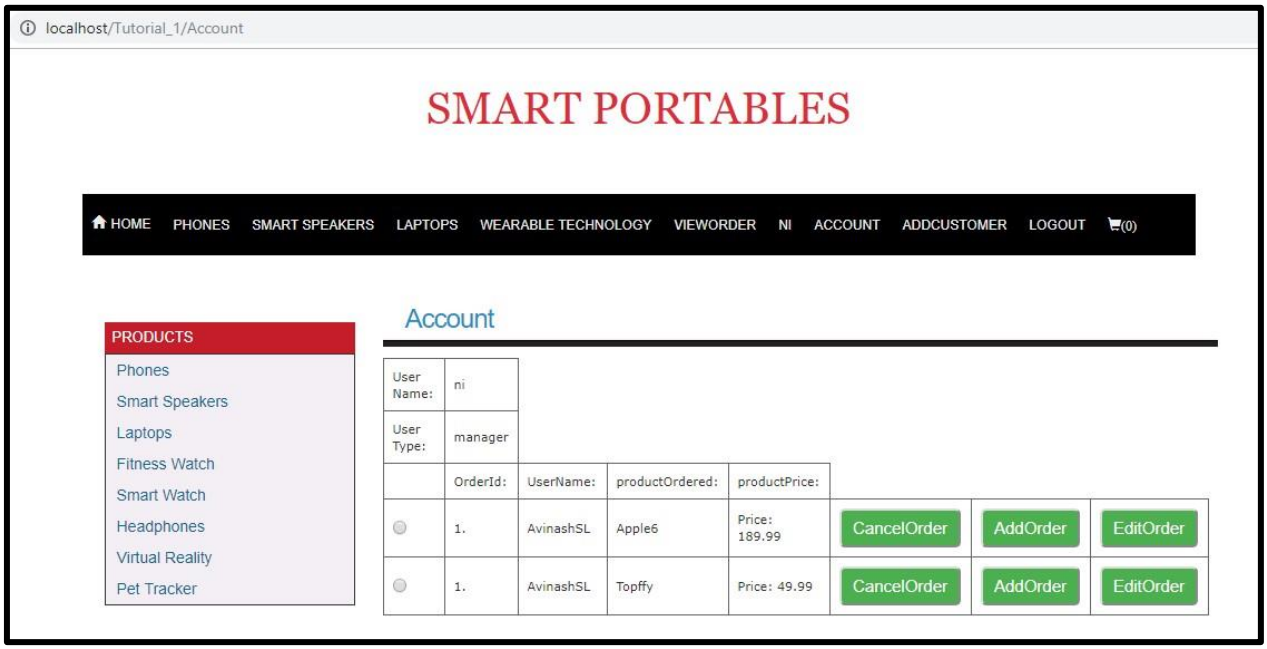
Adding an order by entering the product name:

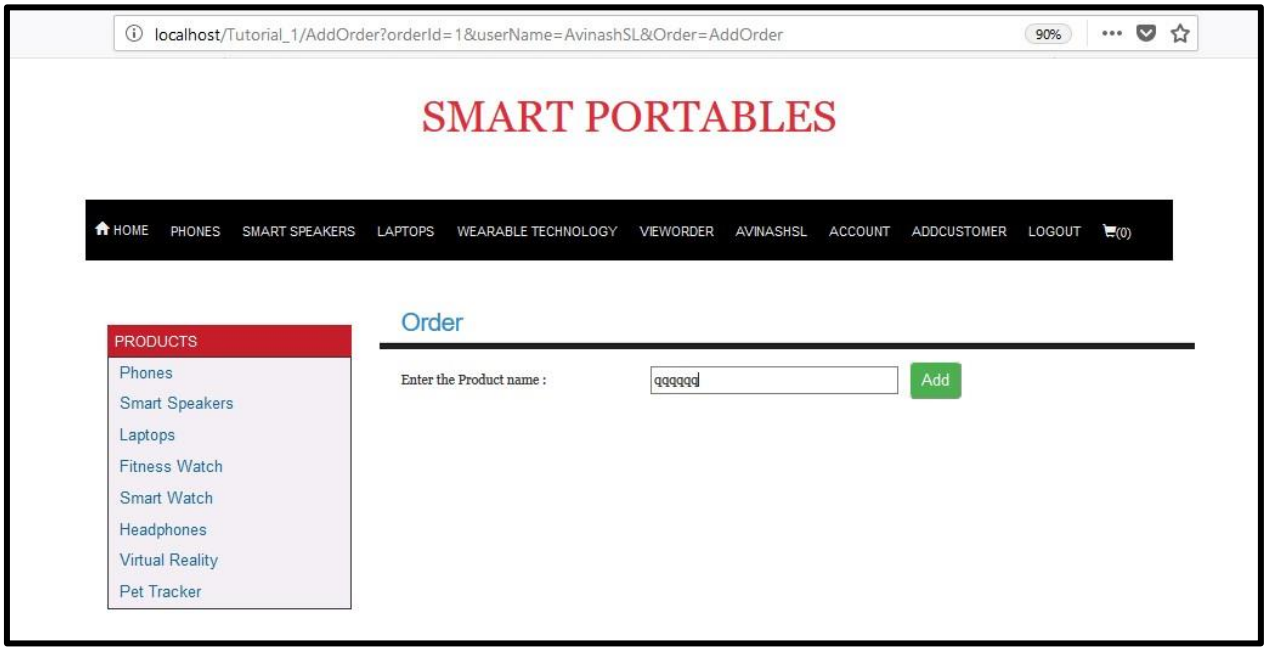


If the product name entered exists, then the order is placed:



If the entered product name doesn't exist:





localhost/Tutorial_1/ViewOrder?productName=qqqqqq&Order=Add&userName=AvinashSL&orderId=1 90%

SMART PORTABLES

HOME PHONES SMART SPEAKERS LAPTOPS WEARABLE TECHNOLOGY VIEWORDER AVINASHSL ACCOUNT ADDCUSTOMER LOGOUT (0)

PRODUCTS
- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

Order

Enter correct product name

localhost/Tutorial_1/EditOrder?orderId=1&userName=AvinashSL&Order=EditOrder 90%

SMART PORTABLES

HOME PHONES SMART SPEAKERS LAPTOPS WEARABLE TECHNOLOGY VIEWORDER AVINASHSL ACCOUNT ADDCUSTOMER LOGOUT (0)

PRODUCTS
- Phones
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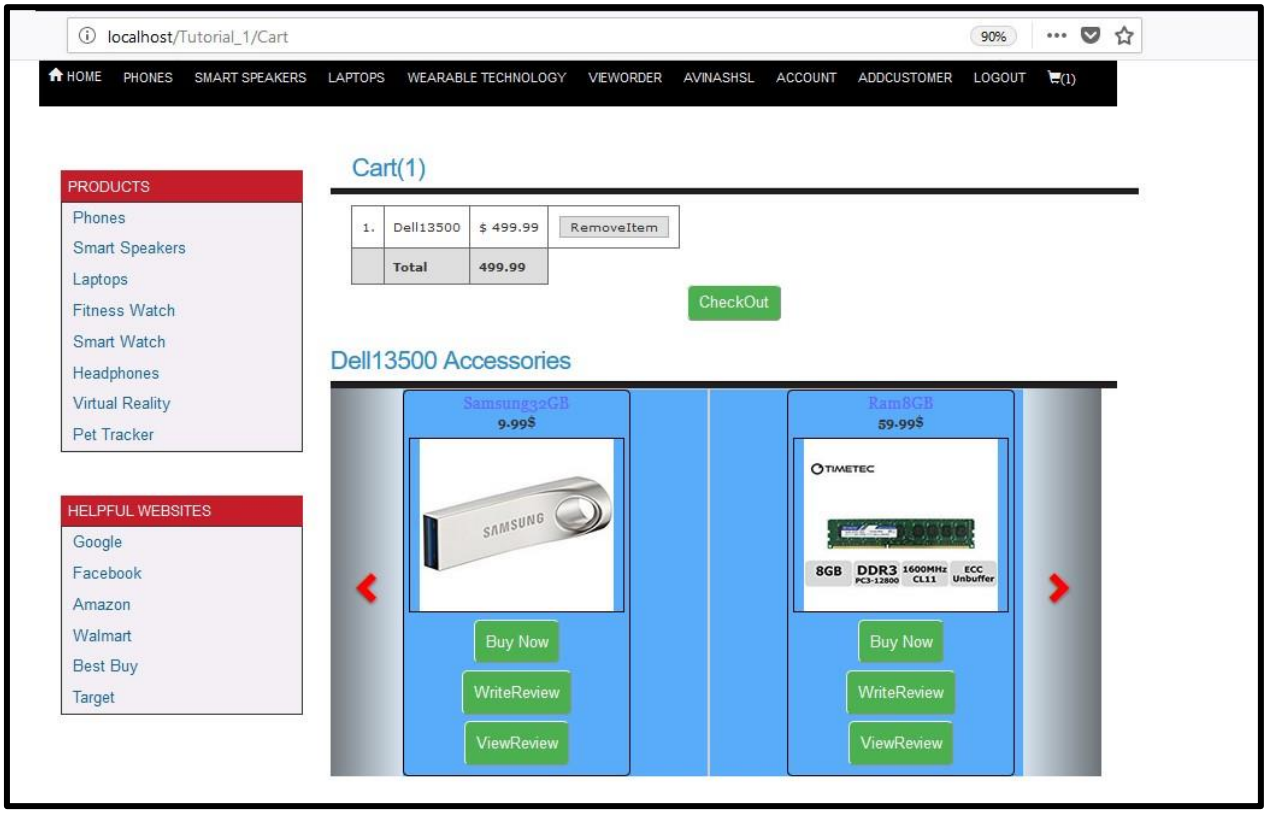
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

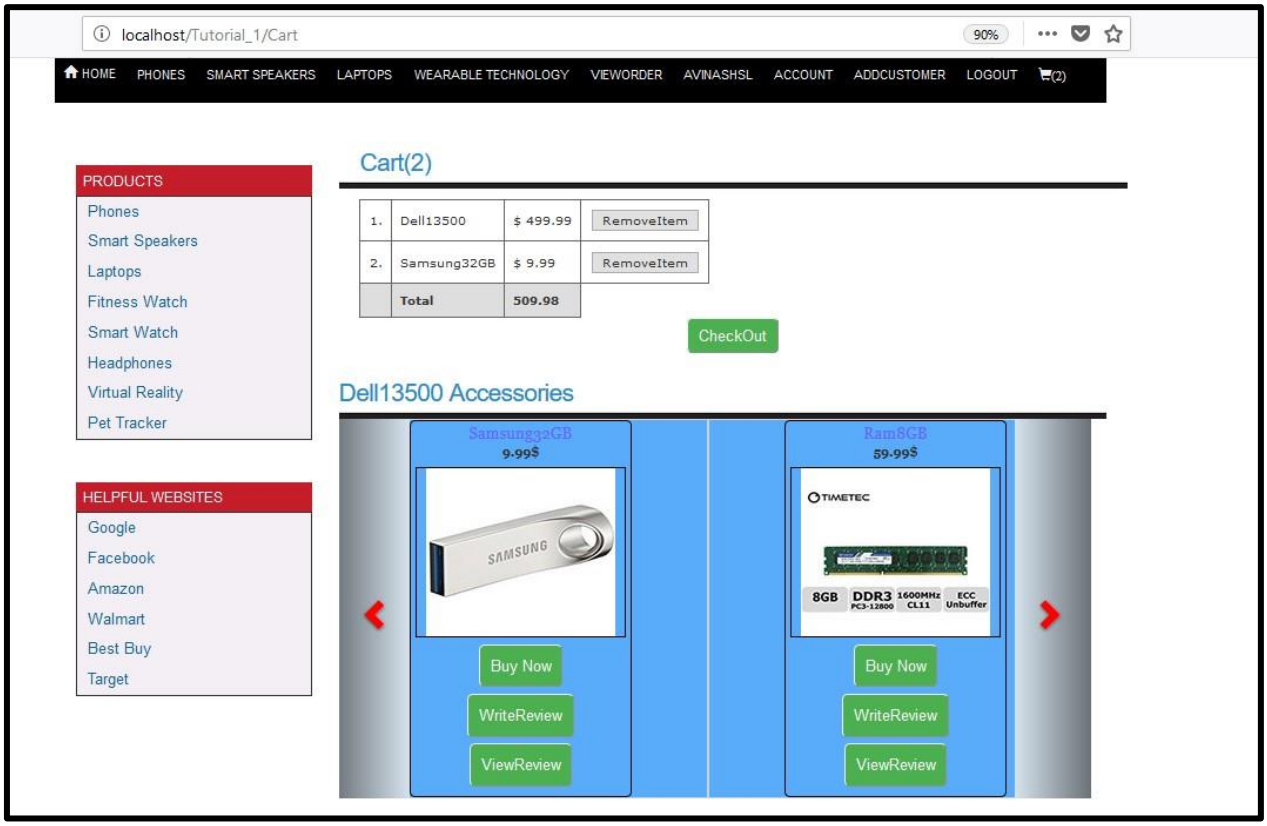
Order

UserName selected to add/cancel order:	AvinashSL					
	OrderId:	UserName:	productOrdered:	productPrice:		
○	1.	AvinashSL	Apple6	Price: 189.99	CancelOrder	AddOrder
○	1.	AvinashSL	Topffy	Price: 49.99	CancelOrder	AddOrder

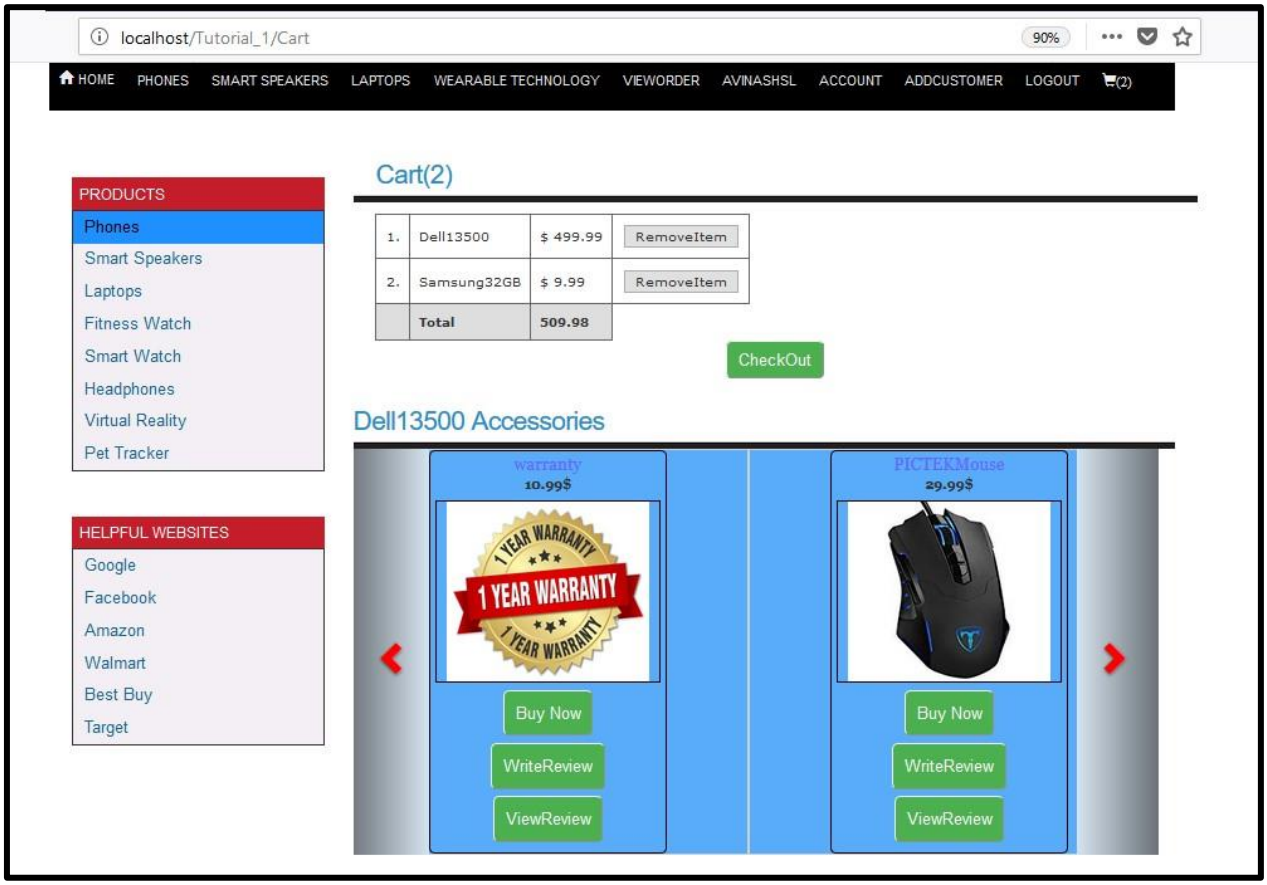
Accessories associated with the product Dell13500:



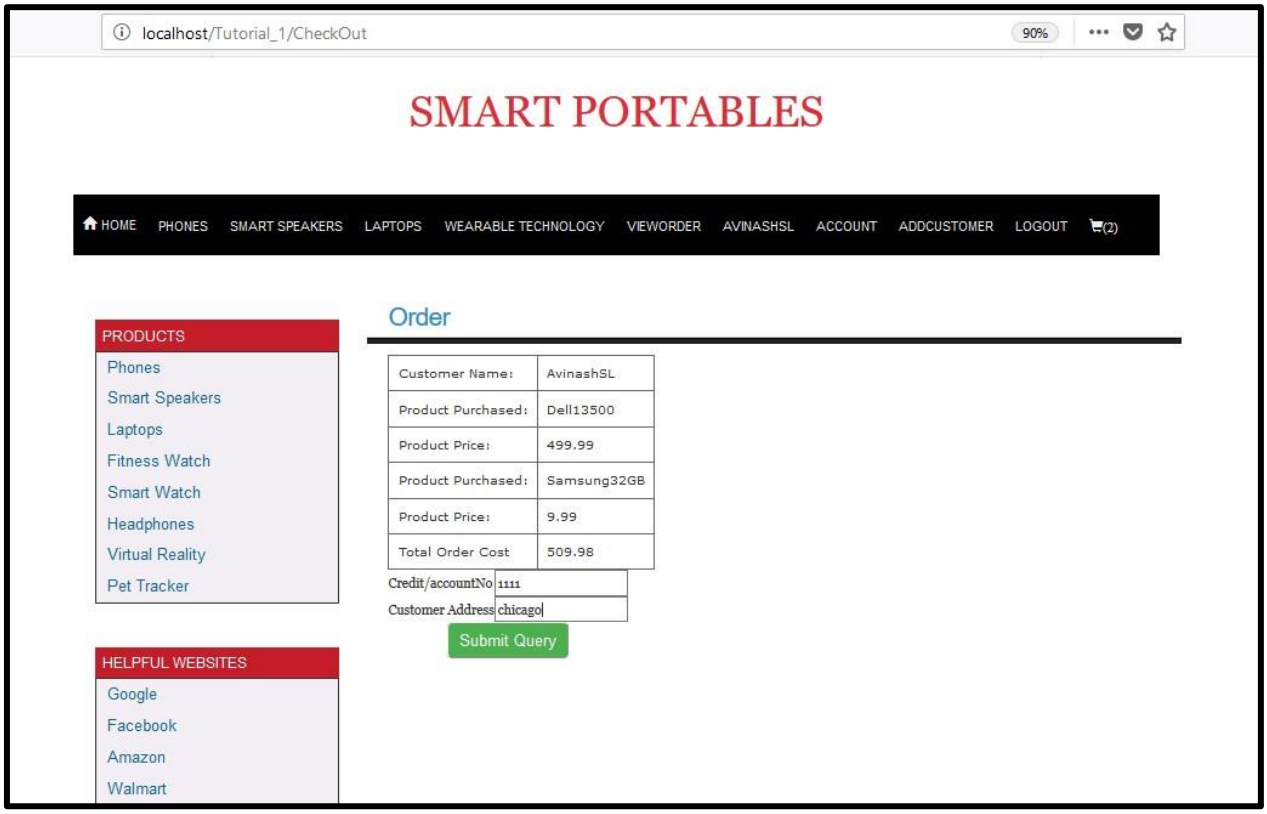
Adding accessory to the cart:



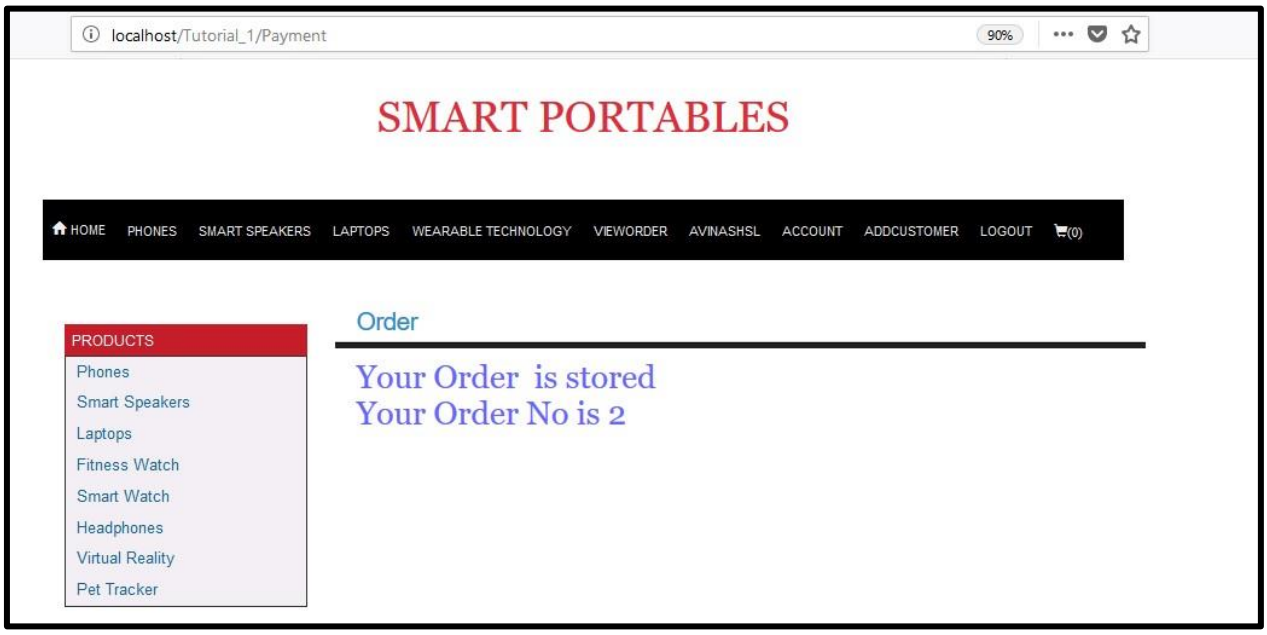
Ability to add Warranty for a product:



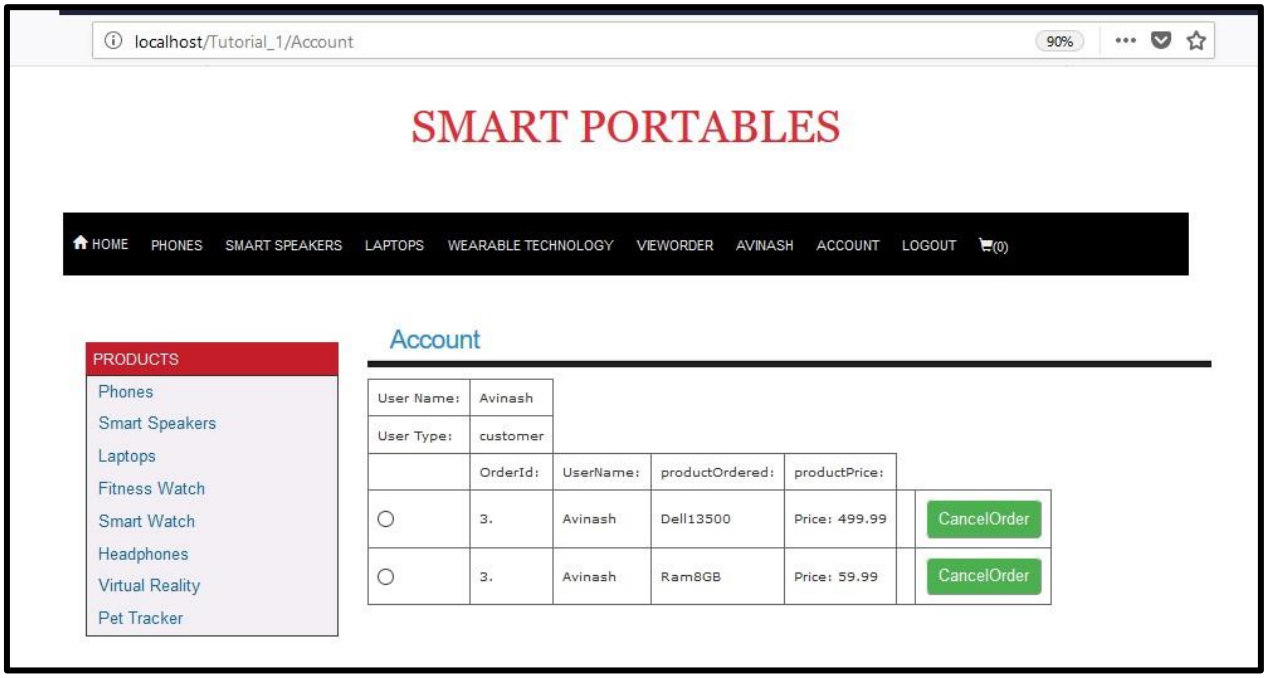
Checkout Details of an order:



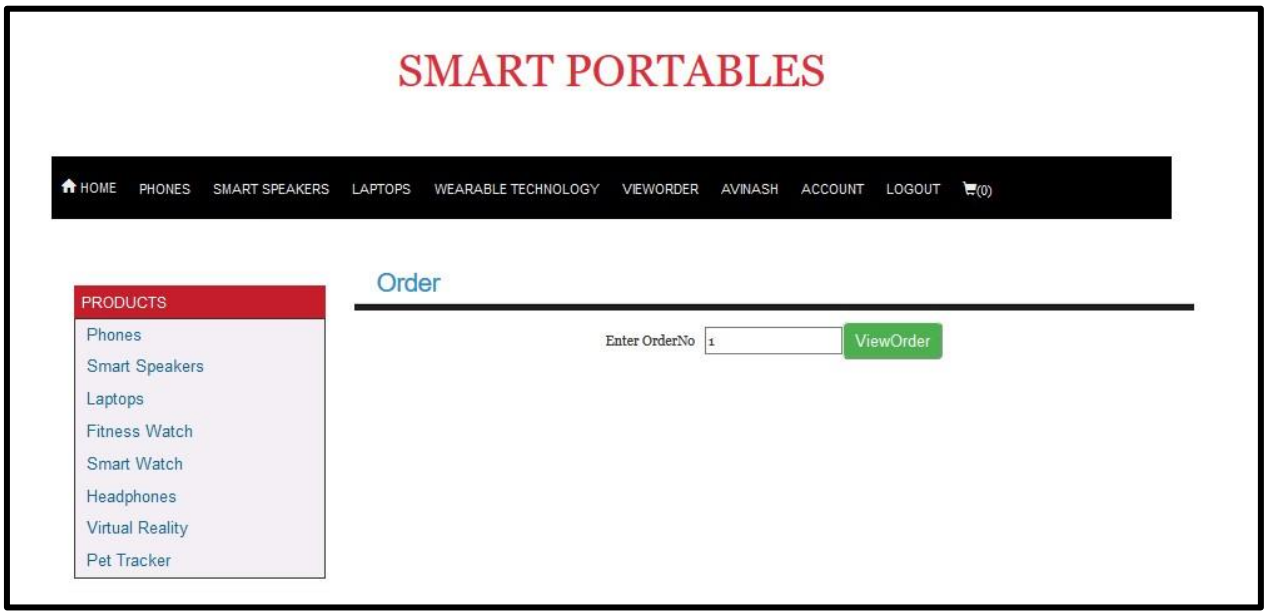
OrderID created once the order is submitted:

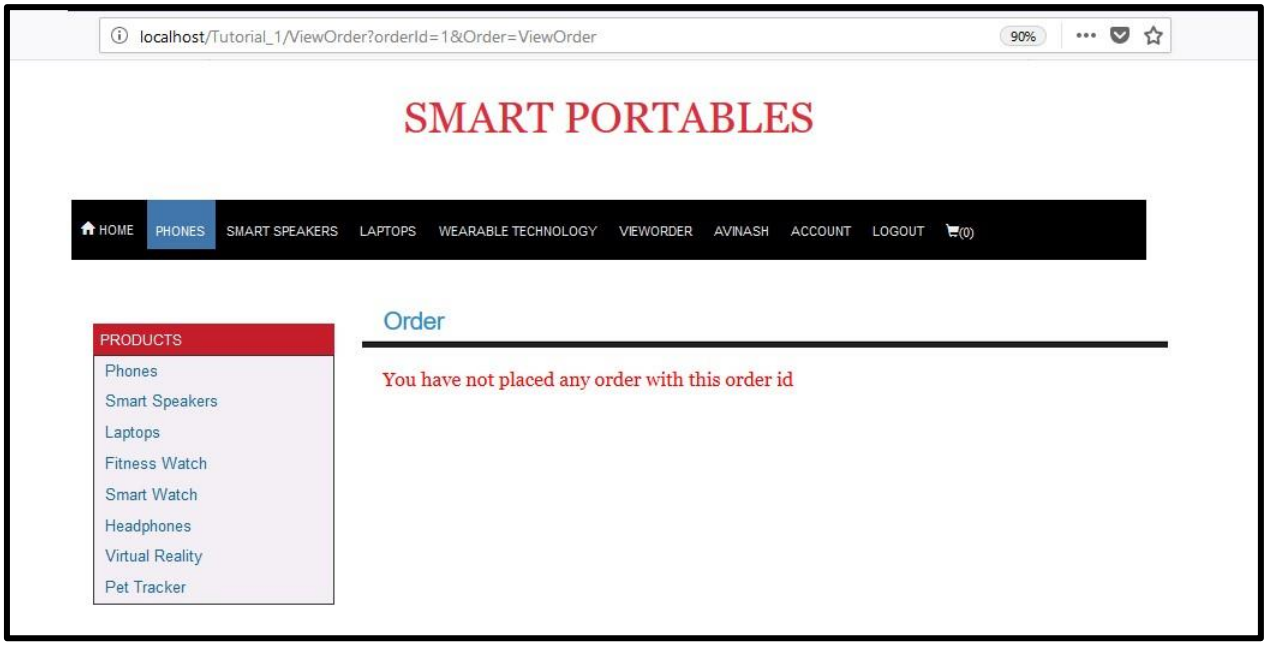


Not able to add or edit order from the customer profile:

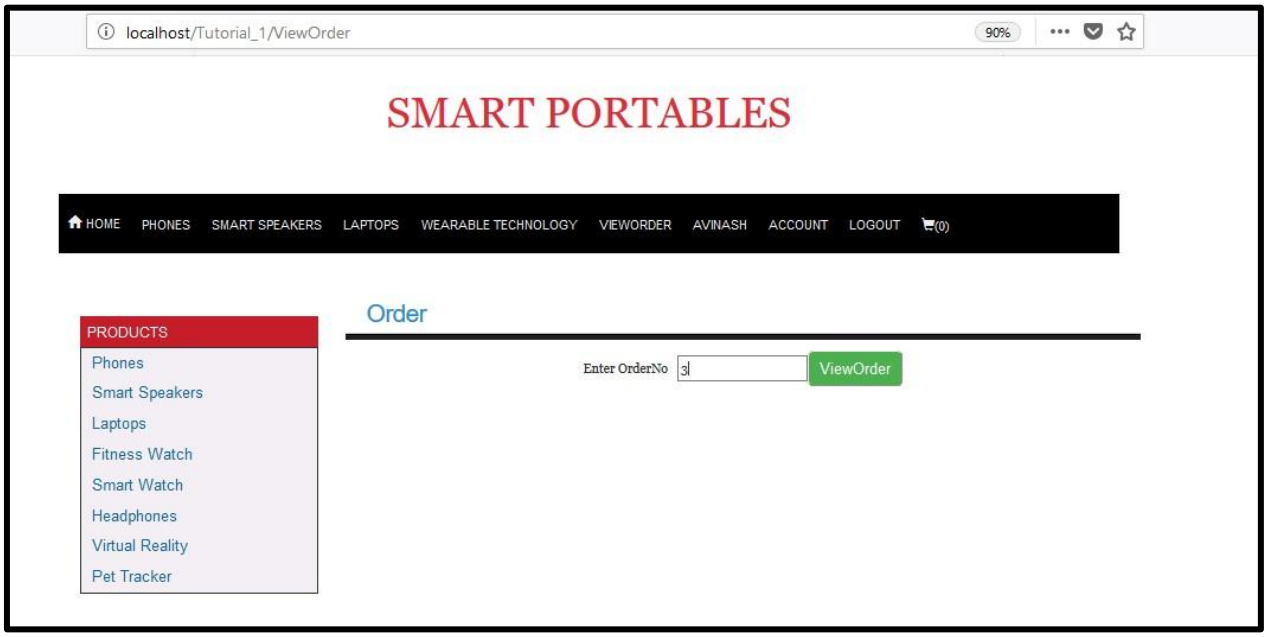


Unable to view other orders from the customer profile:





Ability to view current customer using the order number:



localhost/Tutorial_1/ViewOrder?orderId=3&Order=ViewOrder 90%

SMART PORTABLES

HOME PHONES SMART SPEAKERS LAPTOPS WEARABLE TECHNOLOGY VIEWORDER AVINASH ACCOUNT LOGOUT (0)

PRODUCTS
- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

Order

	OrderId:	UserName:	productOrdered:	productPrice:	
○	3.	Avinash	Dell13500	Price: 499.99	CancelOrder
○	3.	Avinash	Ram8GB	Price: 59.99	CancelOrder

Ability to view all the user orders from the Salesman profile:

localhost/Tutorial_1/Account 90%

HOME PHONES SMART SPEAKERS LAPTOPS WEARABLE TECHNOLOGY VIEWORDER AVINASHSL ACCOUNT ADDCUSTOMER LOGOUT (0)

PRODUCTS
- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

HELPFUL WEBSITES
- Google
- Facebook
- Amazon
- Walmart
- Best Buy
- Target

Account

User Name:	AvinashSL
User Type:	manager

	OrderId:	UserName:	productOrdered:	productPrice:			
○	1.	AvinashSL	Topffy	Price: 49.99	CancelOrder	AddOrder	EditOrder
○	1.	AvinashSL	LenovoN3350	Price: 299.99	CancelOrder	AddOrder	EditOrder
○	2.	AvinashSL	Dell13500	Price: 499.99	CancelOrder	AddOrder	EditOrder
○	2.	AvinashSL	Samsung32GB	Price: 9.99	CancelOrder	AddOrder	EditOrder
○	3.	Avinash	Ram8GB	Price: 59.99	CancelOrder	AddOrder	EditOrder
○	4.	Avinash	Dell13500	Price: 499.99	CancelOrder	AddOrder	EditOrder

localhost/Tutorial_1/Account 90%

HOME PHONES SMART SPEAKERS LAPTOPS WEARABLE TECHNOLOGY VIEWORDER AVINASHSL ACCOUNT ADDCUSTOMER LOGOUT (0)

PRODUCTS
- Phones
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- Laptops
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- Smart Watch
- Headphones
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- Pet Tracker

HELPFUL WEBSITES
- Google
- Facebook
- Amazon
- Walmart
- Best Buy
- Target

Account

User Name:	AvinashSL
User Type:	manager

	OrderId:	UserName:	productOrdered:	productPrice:			
○	1.	AvinashSL	Topffy	Price: 49.99	CancelOrder	AddOrder	EditOrder
○	1.	AvinashSL	LenovoN3350	Price: 299.99	CancelOrder	AddOrder	EditOrder
○	2.	AvinashSL	Dell13500	Price: 499.99	CancelOrder	AddOrder	EditOrder
○	2.	AvinashSL	Samsung32GB	Price: 9.99	CancelOrder	AddOrder	EditOrder
◉	3.	Avinash	Ram8GB	Price: 59.99	CancelOrder	AddOrder	EditOrder
○	4.	Avinash	Dell13500	Price: 499.99	CancelOrder	AddOrder	EditOrder

Ability to cancel a customer order from the salesman profile:

localhost/Tutorial_1/ViewOrder?orderName=Ram8GB&orderId=3&Order=CancelOrder 90%

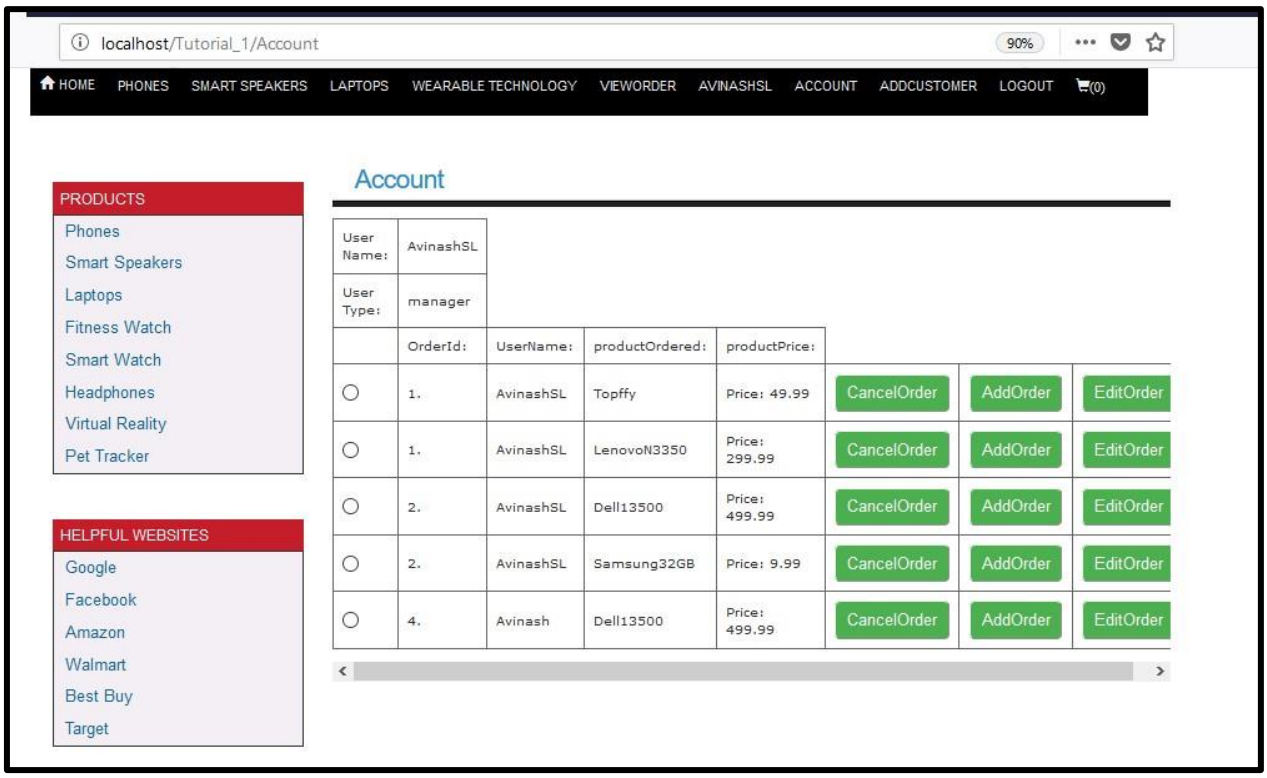
SMART PORTABLES

HOME PHONES SMART SPEAKERS LAPTOPS WEARABLE TECHNOLOGY VIEWORDER AVINASHSL ACCOUNT ADDCUSTOMER LOGOUT (0)

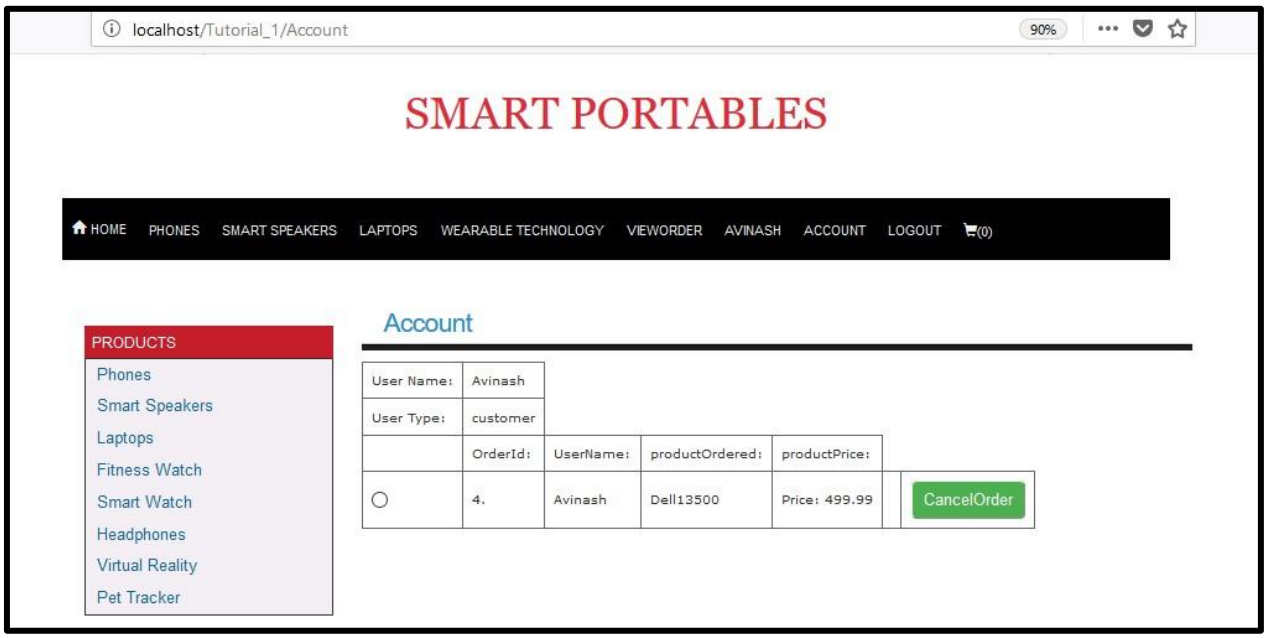
PRODUCTS
- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

Order

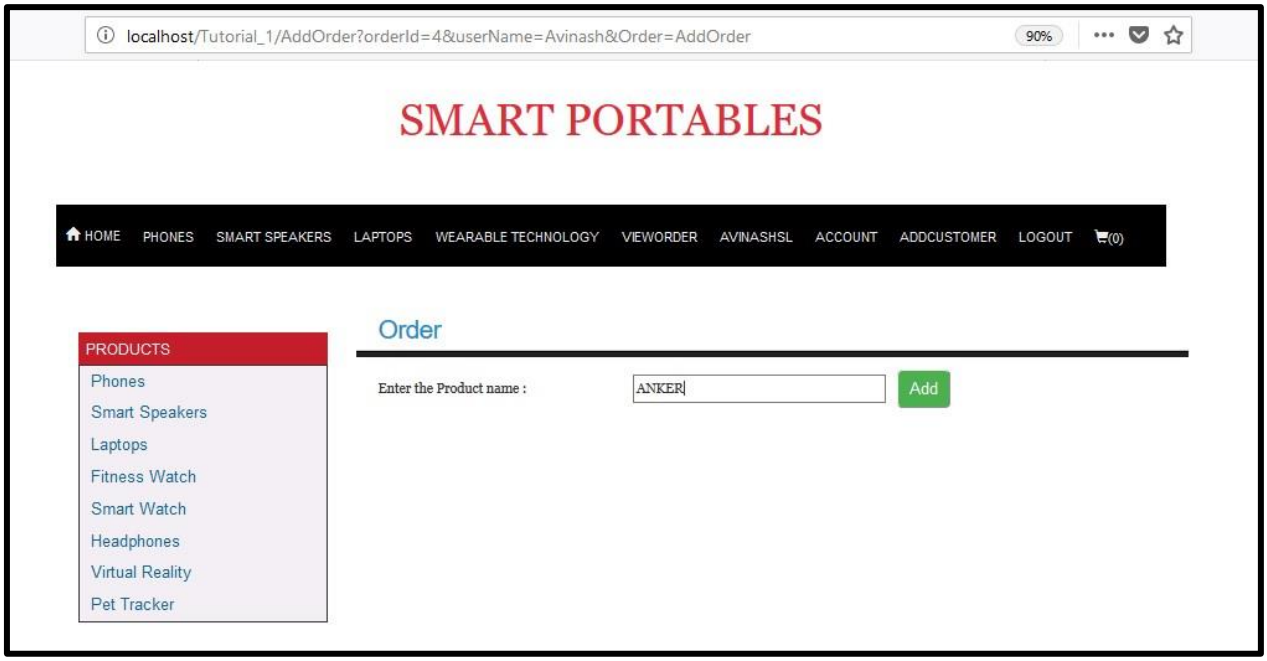
Your Order is Cancelled

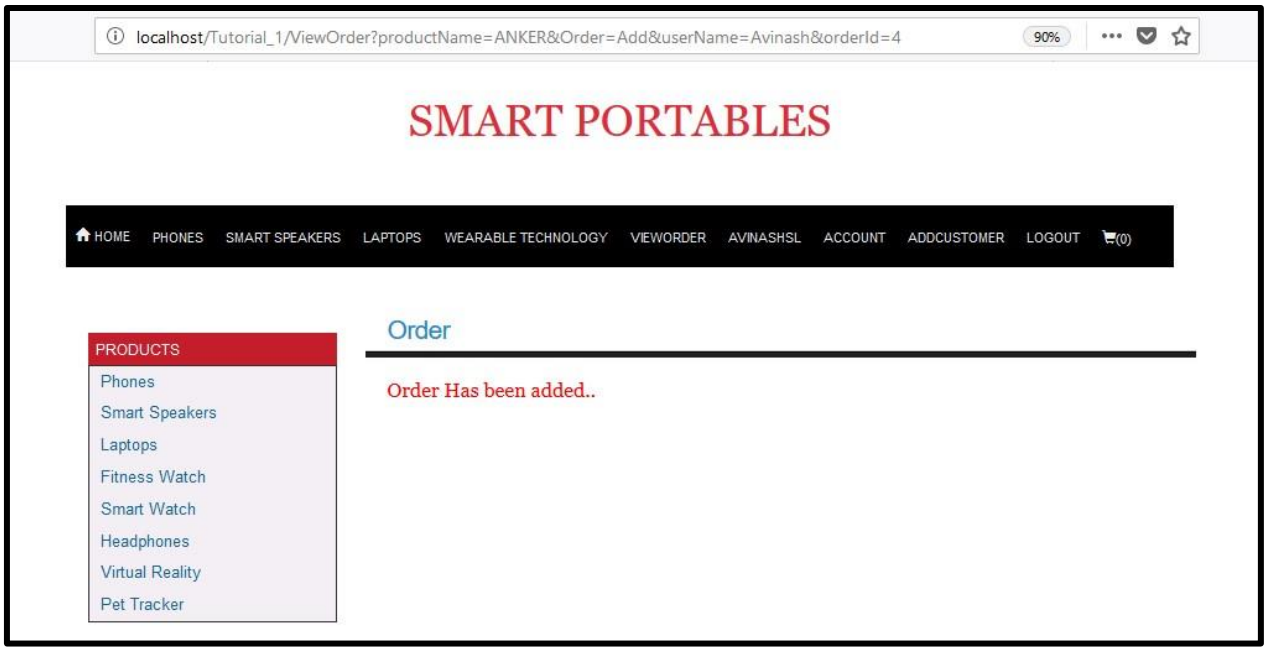


Logged into user profile for verifying the order canceled:



Adding an order from the salesman profile to a customer:





localhost/Tutorial_1/Account 90%

HOME PHONES SMART SPEAKERS LAPTOPS WEARABLE TECHNOLOGY VIEWORDER AVINASHSL ACCOUNT ADDCUSTOMER LOGOUT (0)

PRODUCTS
- Phones
- Smart Speakers
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- Virtual Reality
- Pet Tracker

HELPFUL WEBSITES
- Google
- Facebook
- Amazon
- Walmart
- Best Buy
- Target

Account

User Name:	AvinashSL
User Type:	manager

	OrderId:	UserName:	productOrdered:	productPrice:			
○	1.	AvinashSL	Topffy	Price: 49.99	CancelOrder	AddOrder	EditOrder
○	1.	AvinashSL	LenovoN3350	Price: 299.99	CancelOrder	AddOrder	EditOrder
○	2.	AvinashSL	Dell13500	Price: 499.99	CancelOrder	AddOrder	EditOrder
○	2.	AvinashSL	Samsung32GB	Price: 9.99	CancelOrder	AddOrder	EditOrder
○	4.	Avinash	Dell13500	Price: 499.99	CancelOrder	AddOrder	EditOrder
○	4.	Avinash	ANKER	Price: 189.99	CancelOrder	AddOrder	EditOrder

Verifying the order added in the customer profile:

localhost/Tutorial_1/EditOrder?orderId=4&userName=Avinash&Order=EditOrder 90%

SMART PORTABLES

HOME PHONES SMART SPEAKERS LAPTOPS WEARABLE TECHNOLOGY VIEWORDER AVINASHSL ACCOUNT ADDCUSTOMER LOGOUT (0)

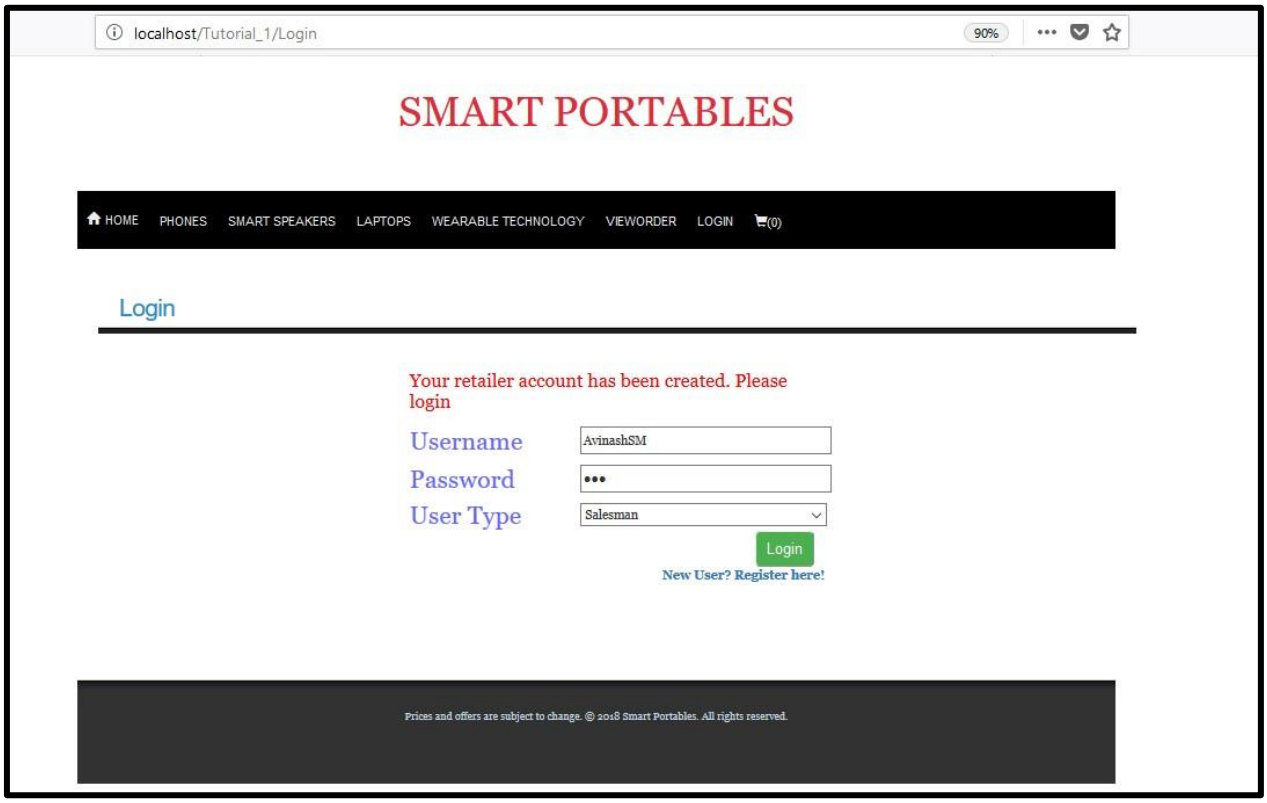
PRODUCTS
- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

Order

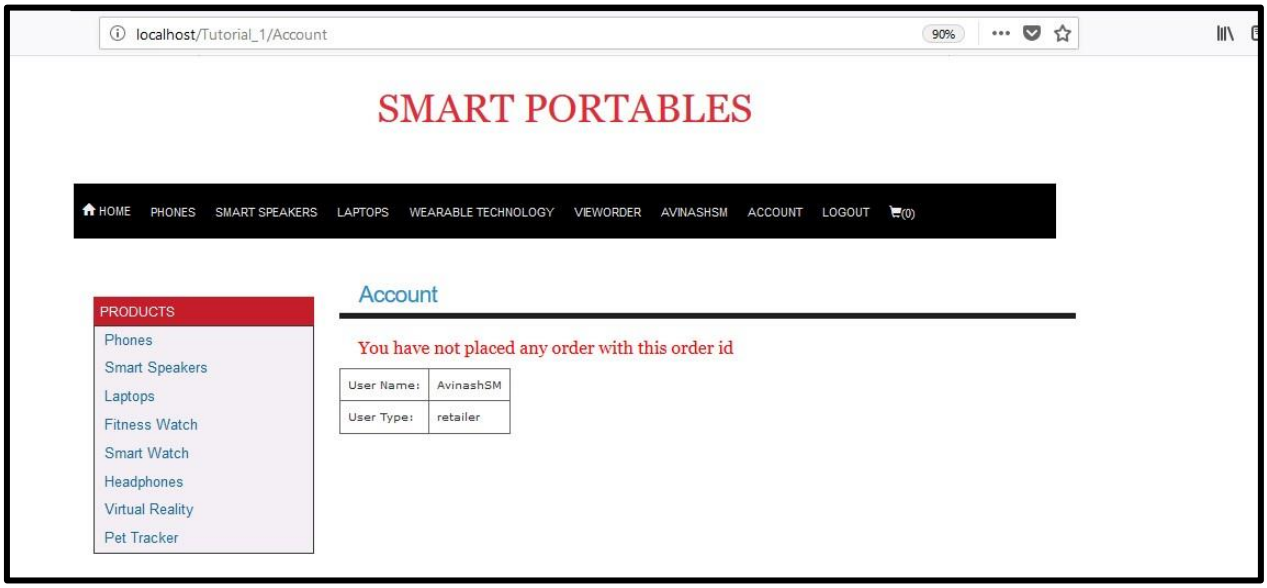
UserName selected to add/cancel order:	Avinash

	OrderId:	UserName:	productOrdered:	productPrice:		
○	4.	Avinash	Dell13500	Price: 499.99	CancelOrder	AddOrder
○	4.	Avinash	ANKER	Price: 189.99	CancelOrder	AddOrder

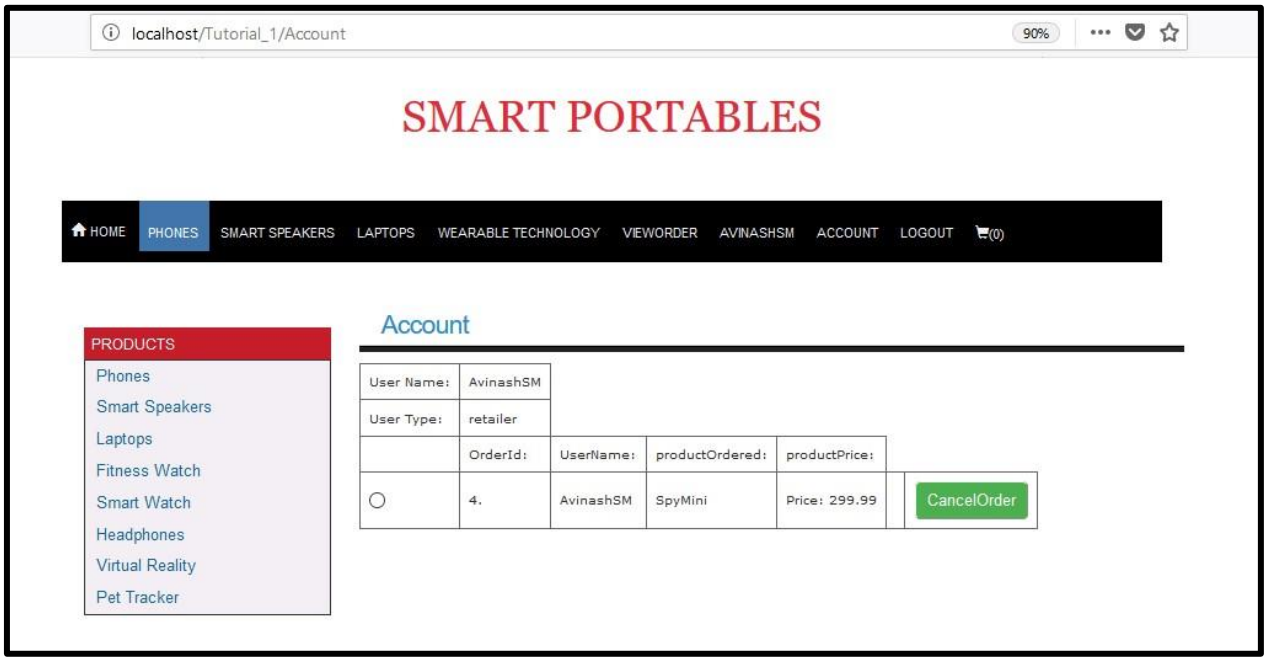
Creating a Sales Manager Account:



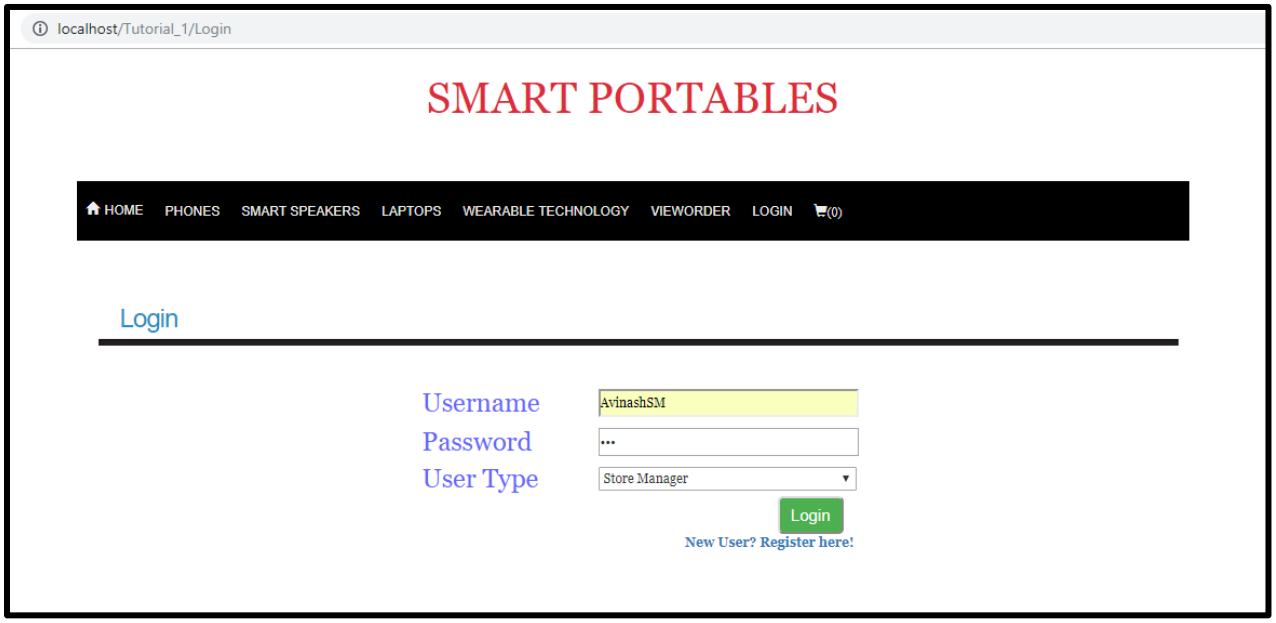
Viewing the cart after logging into Sales Manager Profile:



Adding an order from the Sales Manager profile:

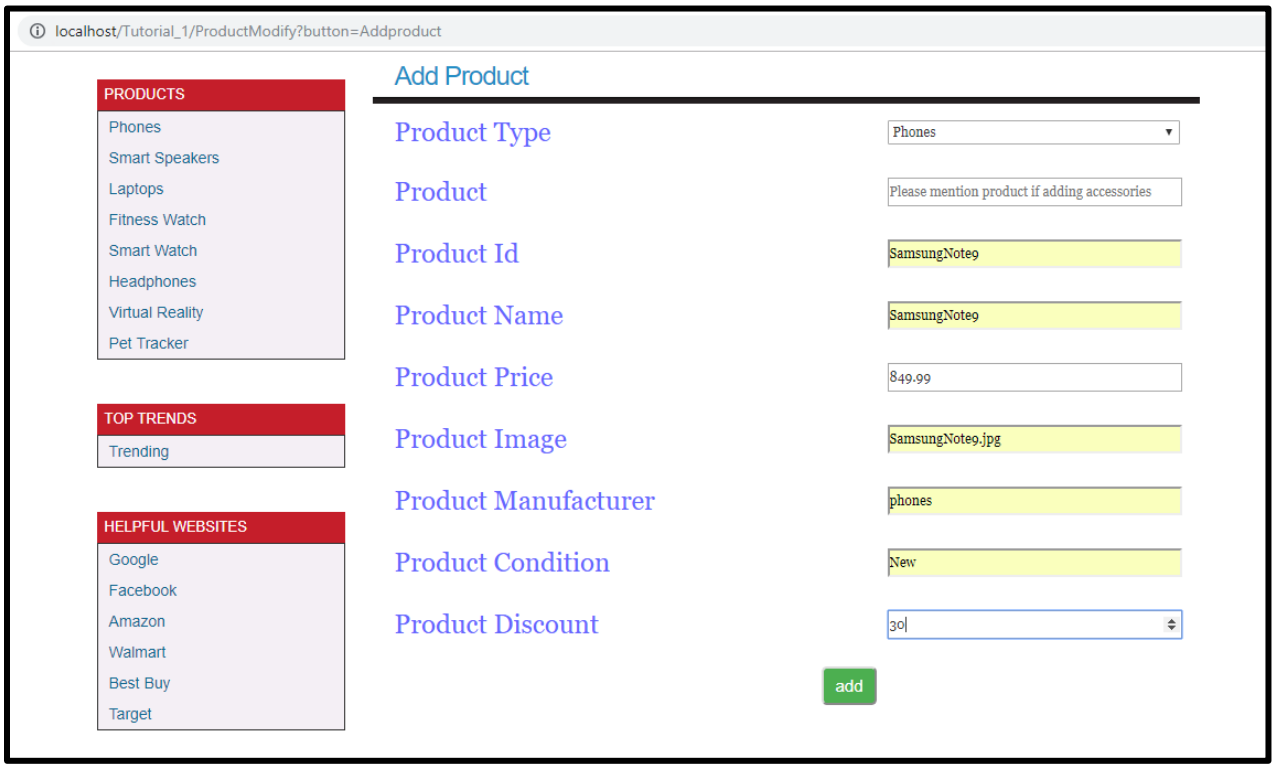


Logging into Store Manager Profile:

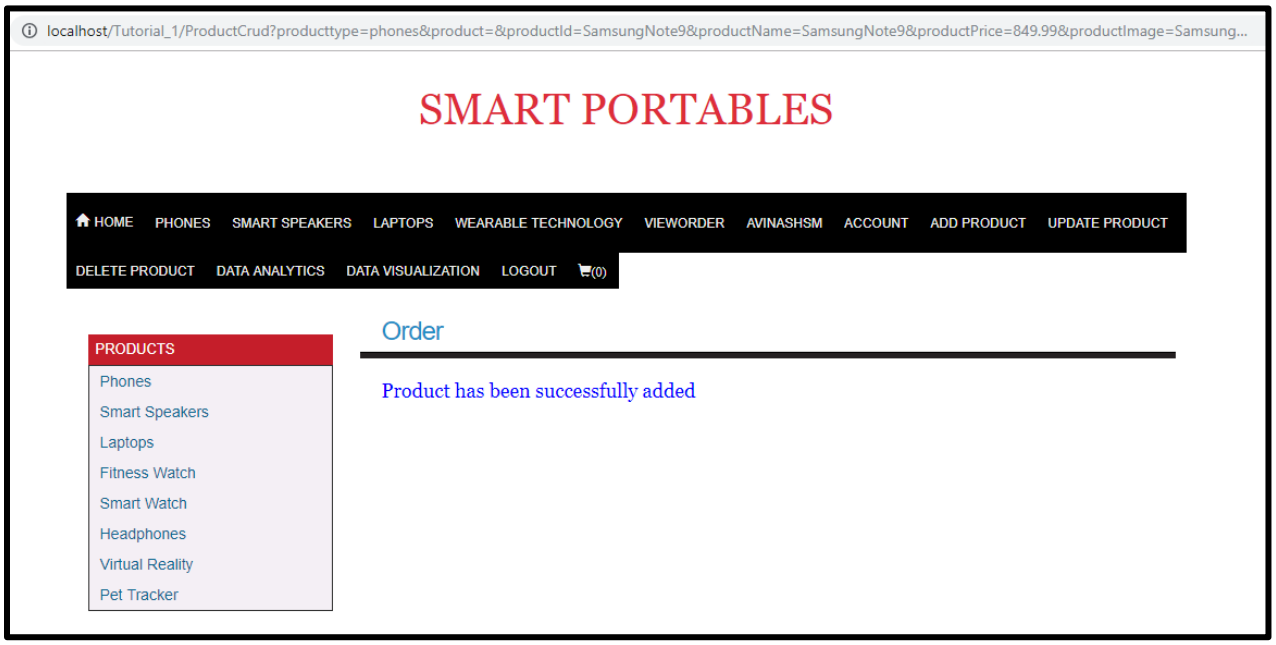


Header of the Store Manager with extra functionalities:

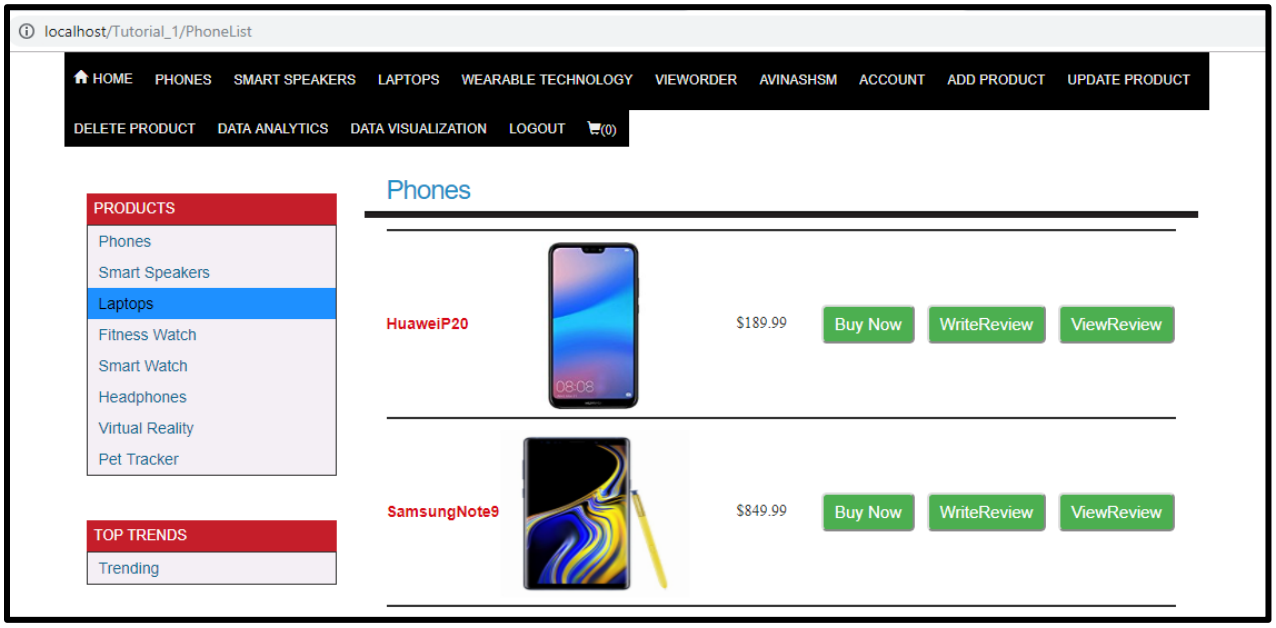
Adding Product:



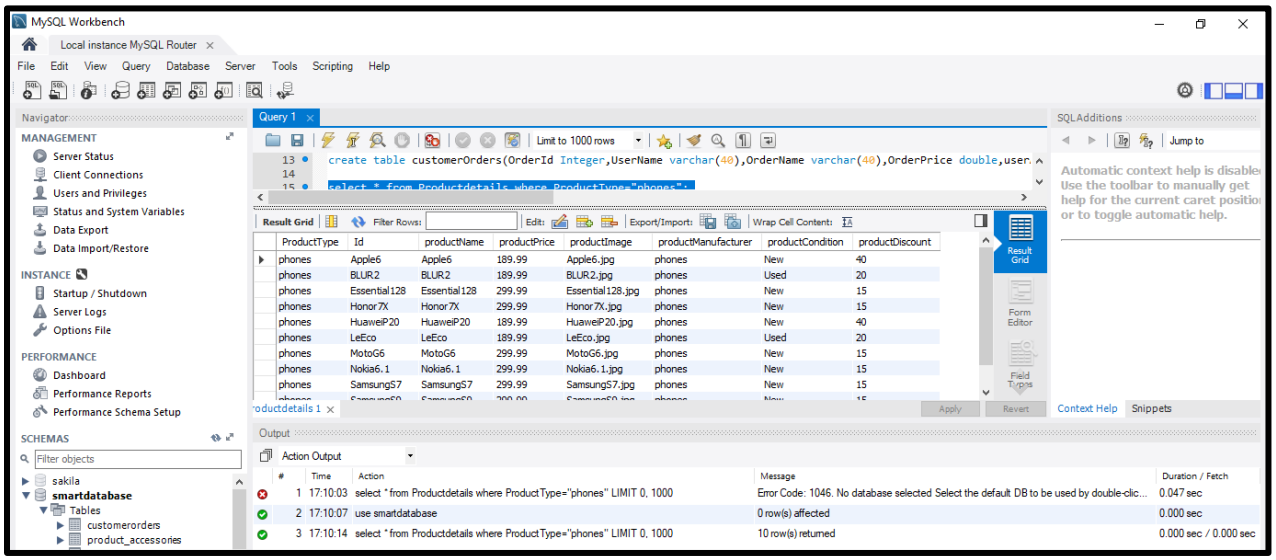
Success Message after adding product:



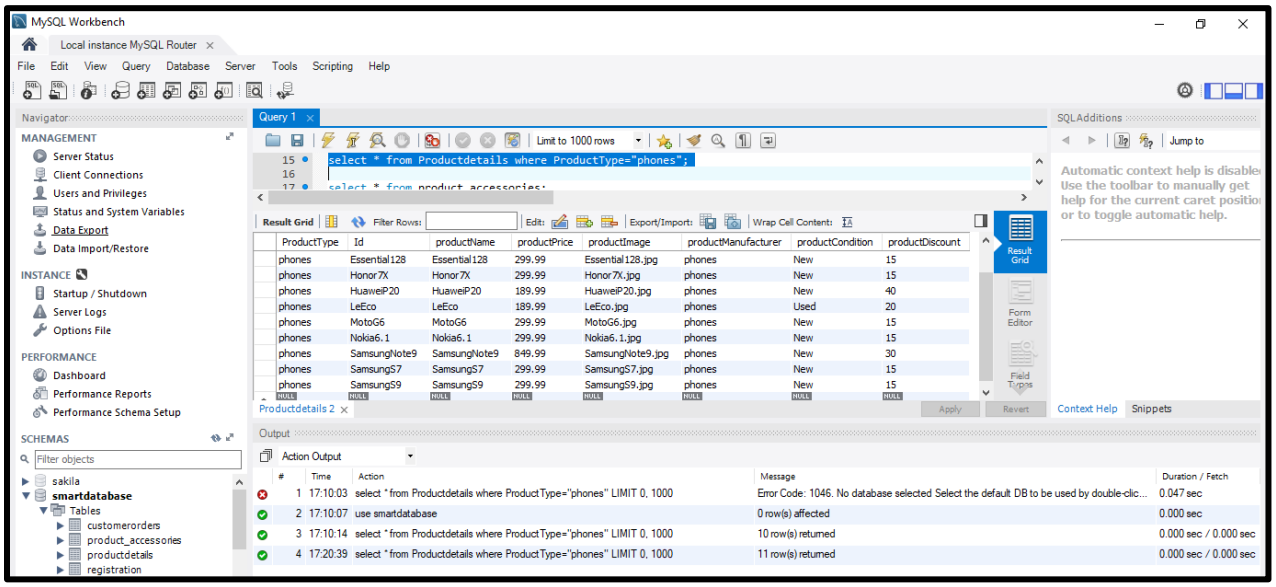
Product addition UI:



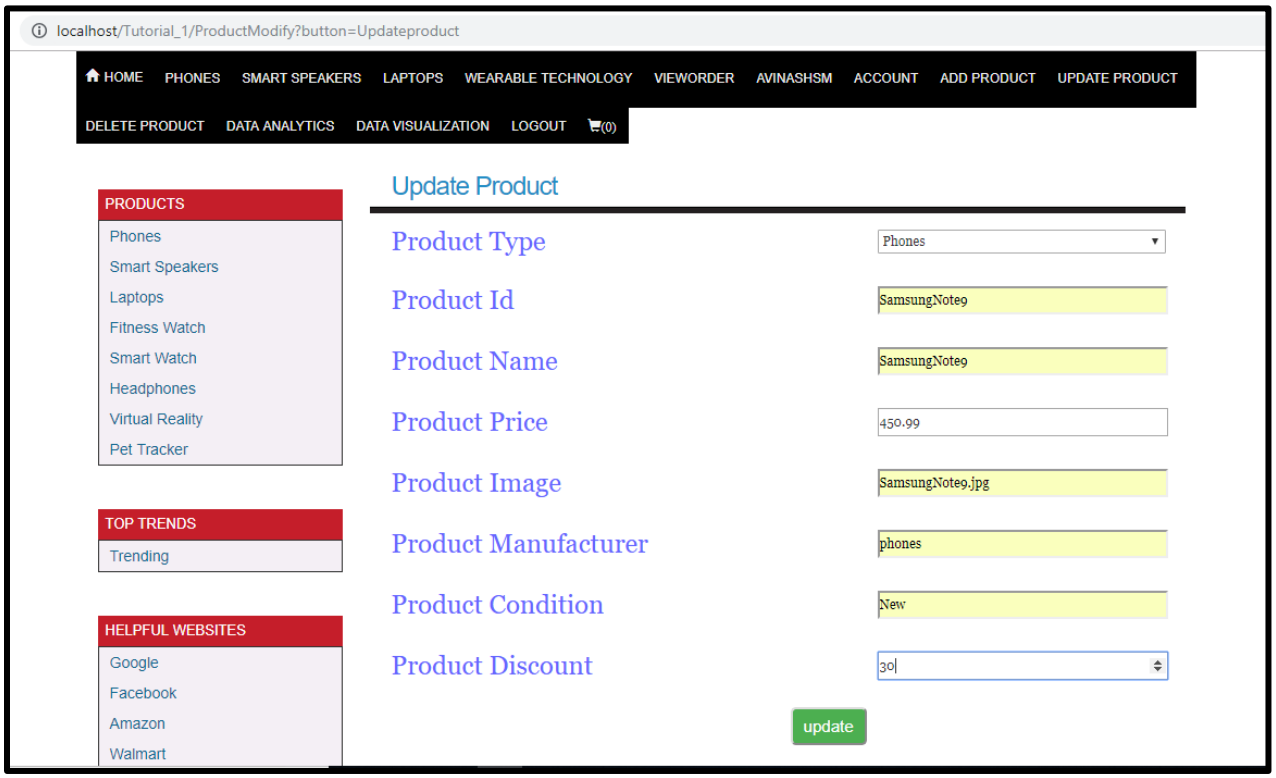
Database product table before adding a new product:



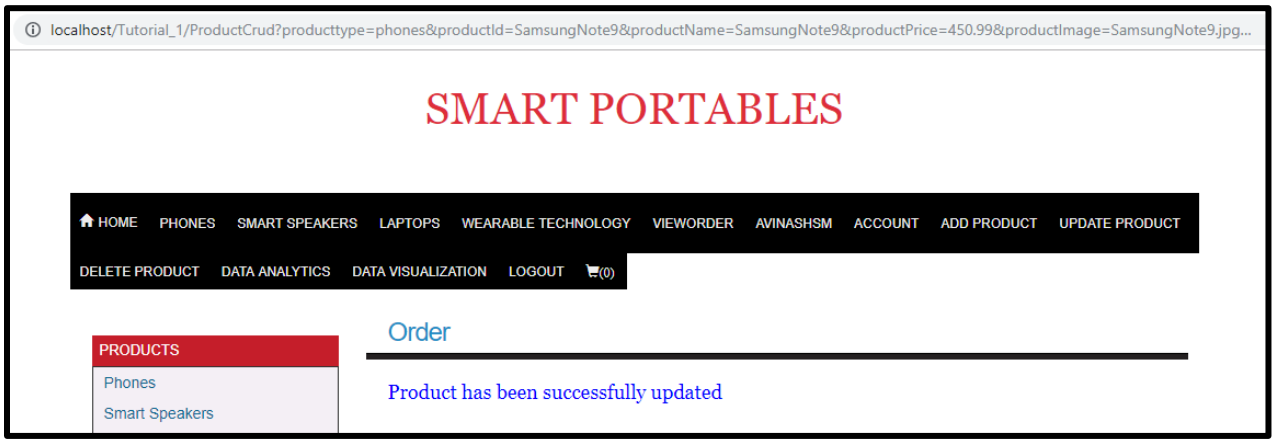
Database table after adding a new product:



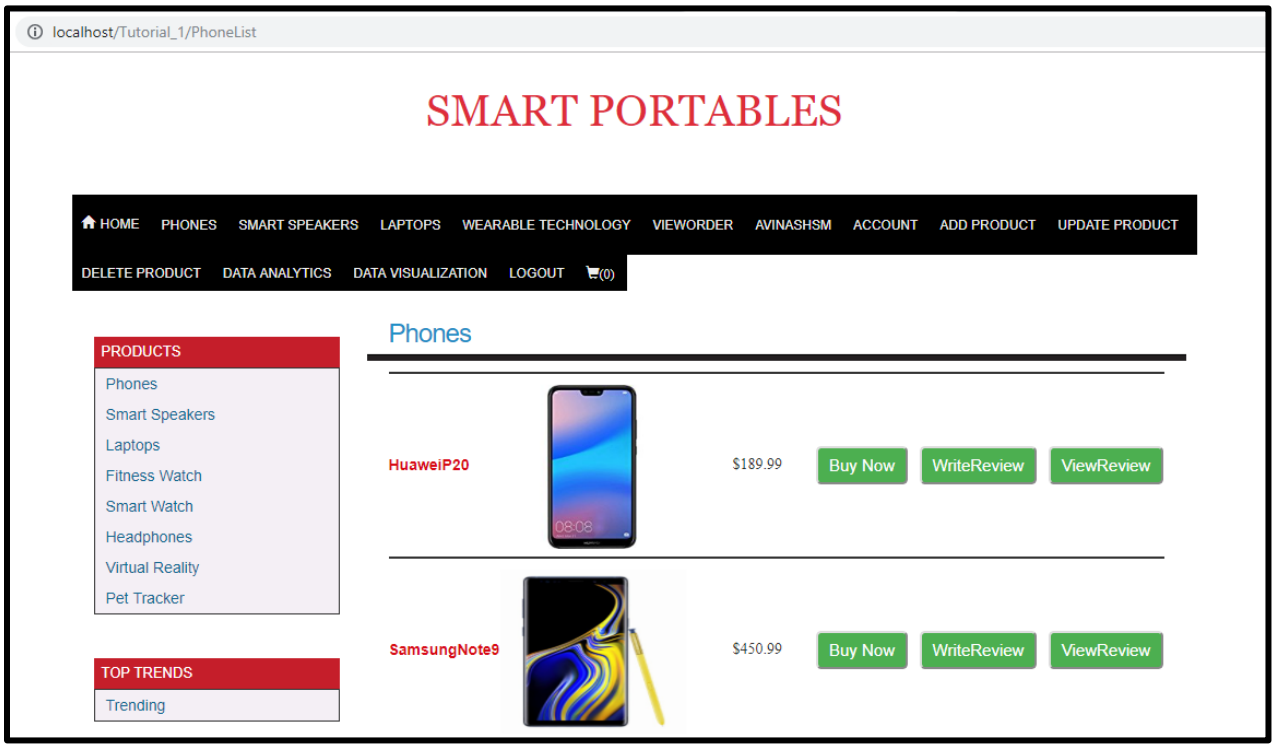
Update Product: (updating price of the product to 450.99 from 849.99)



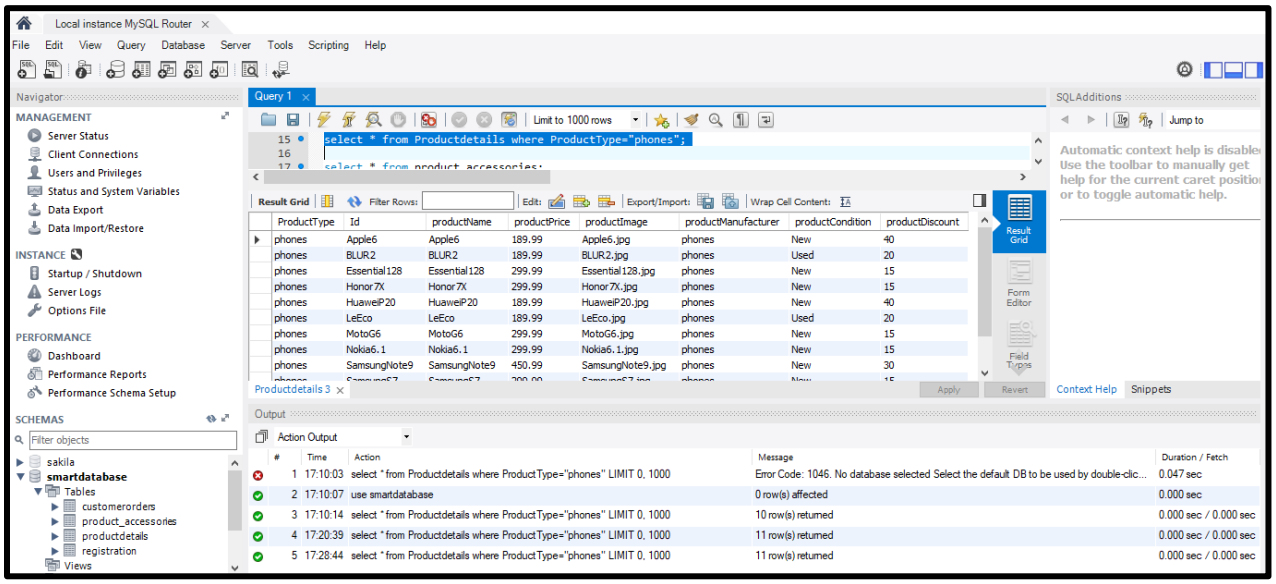
Success message after successfully updating product:



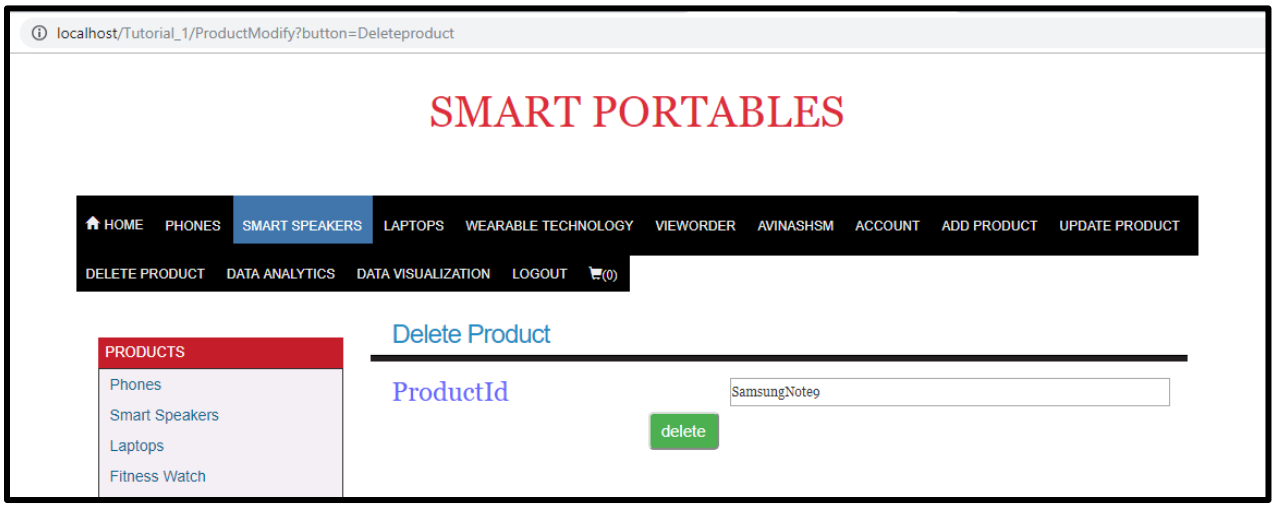
Product updation UI:



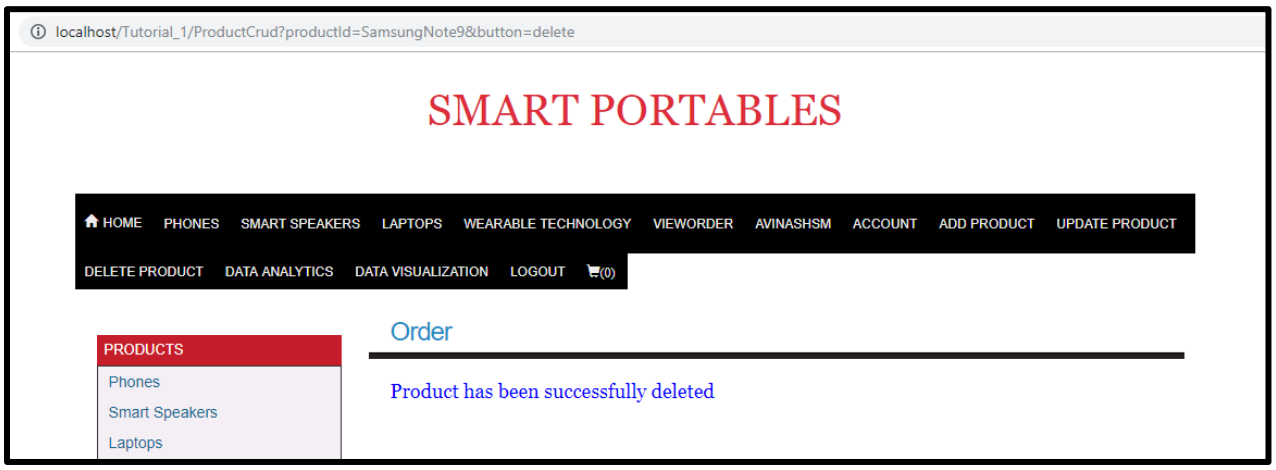
MySQL product details updation:



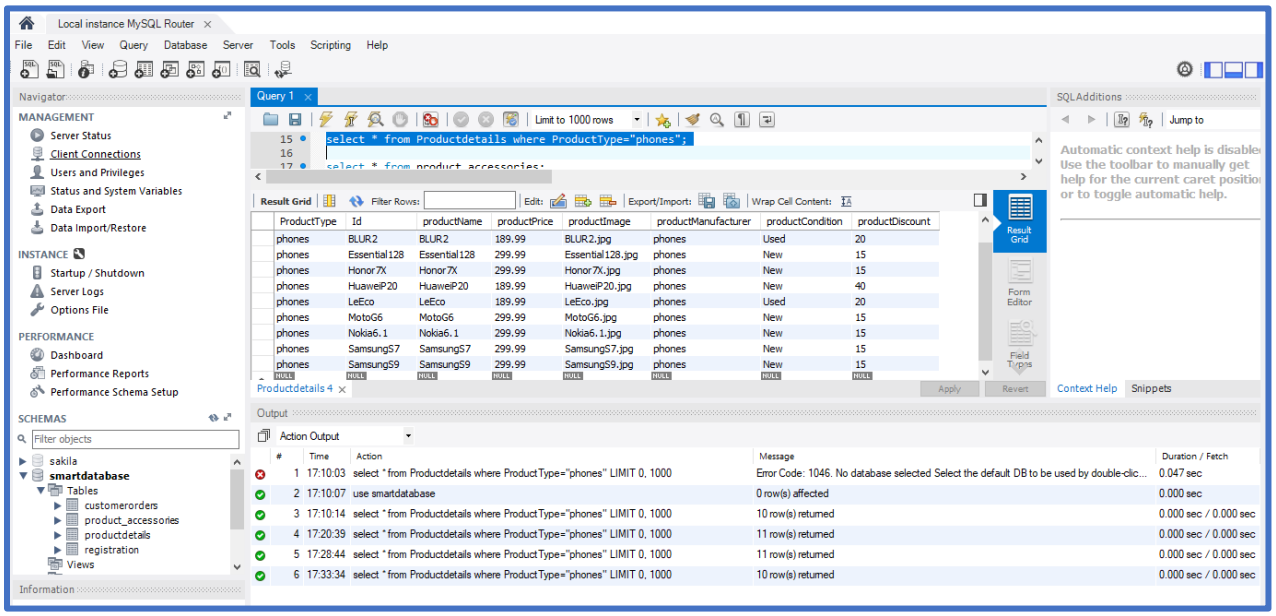
Delete Product using productid:



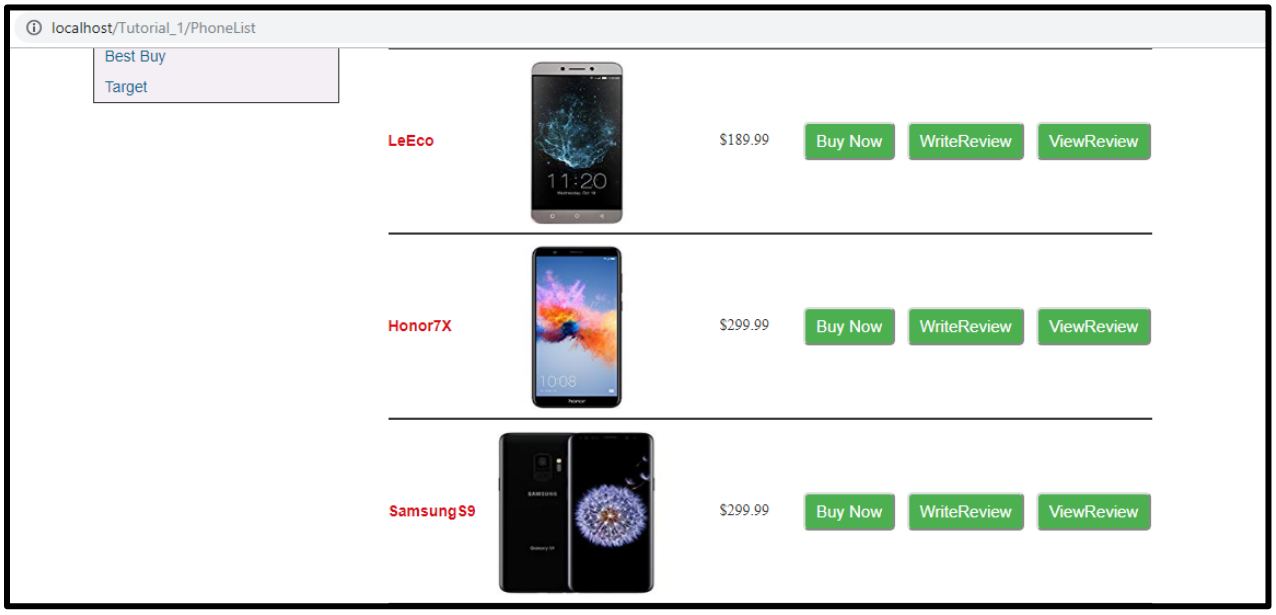
Success Message after Deleting Product:



DB Updation after successful deletion of a product using productid:



All the products and accessories have Write Review and View Review functionality enabled:
Write Review:



localhost/Tutorial_1/WriteReview

DELETE PRODUCT | DATA ANALYTICS | DATA VISUALIZATION | LOGOUT | (0)

PRODUCTS
- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

TOP TRENDS
- Trending

HELPFUL WEBSITES
- Google
- Facebook
- Amazon
- Walmart
- Best Buy

Review

UserID:	AvinashSM
ProductModel Name:	SamsungS9
Product Category:	phones
Product Price:	299.99
Retailer Name:	SmartPortables
Manufacturer Name:	Phone

Review Rating: 1
User Age:
User Gender: Male
User Occupation:
Product On Sale: Yes
Manufacturer Rebate: Yes
Retailer Zip Code:
Retailer City:
Retailer State:
Review Date: dd-----yyyy
Review Text:

SubmitReview

localhost/Tutorial_1/WriteReview

DELETE PRODUCT | DATA ANALYTICS | DATA VISUALIZATION | LOGOUT | (0)

PRODUCTS
- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

TOP TRENDS
- Trending

HELPFUL WEBSITES
- Google
- Facebook
- Amazon
- Walmart
- Best Buy

Review

UserID:	AvinashSM
ProductModel Name:	SamsungS9
Product Category:	phones
Product Price:	299.99
Retailer Name:	SmartPortables
Manufacturer Name:	Phone

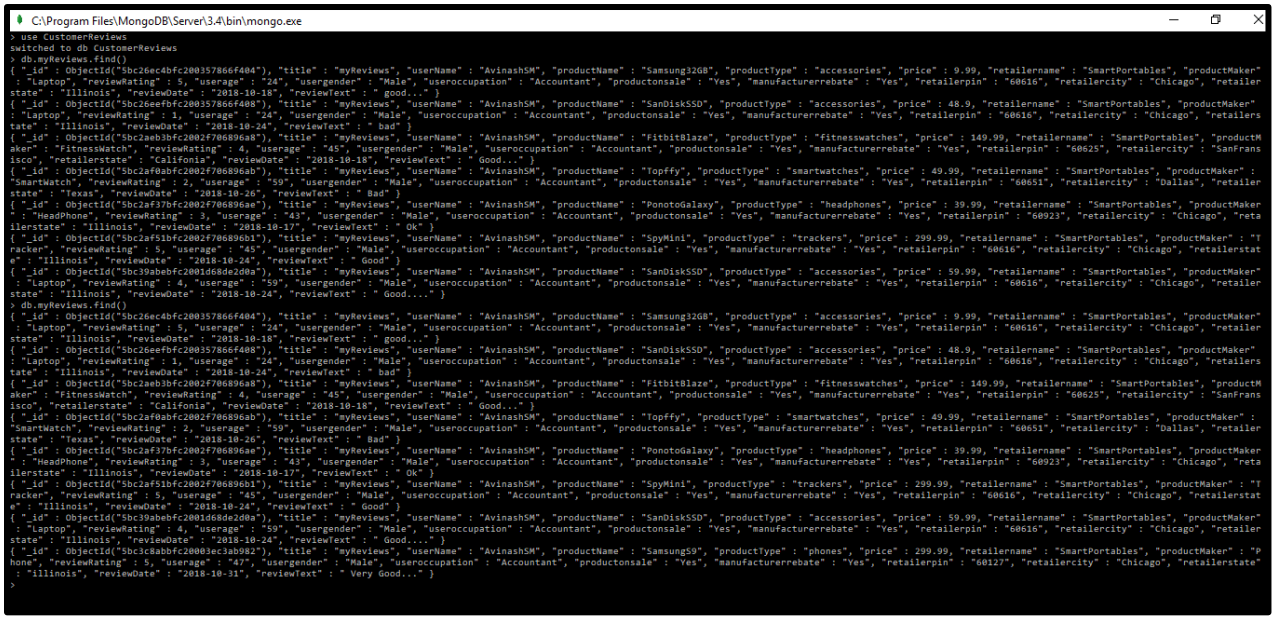
Review Rating: 5
User Age: 47
User Gender: Male
User Occupation: Accountant
Product On Sale: Yes
Manufacturer Rebate: Yes
Retailer Zip Code: 60127
Retailer City: Chicago
Retailer State: illinois
Review Date: 31-Oct-2018
Review Text: Very Good...

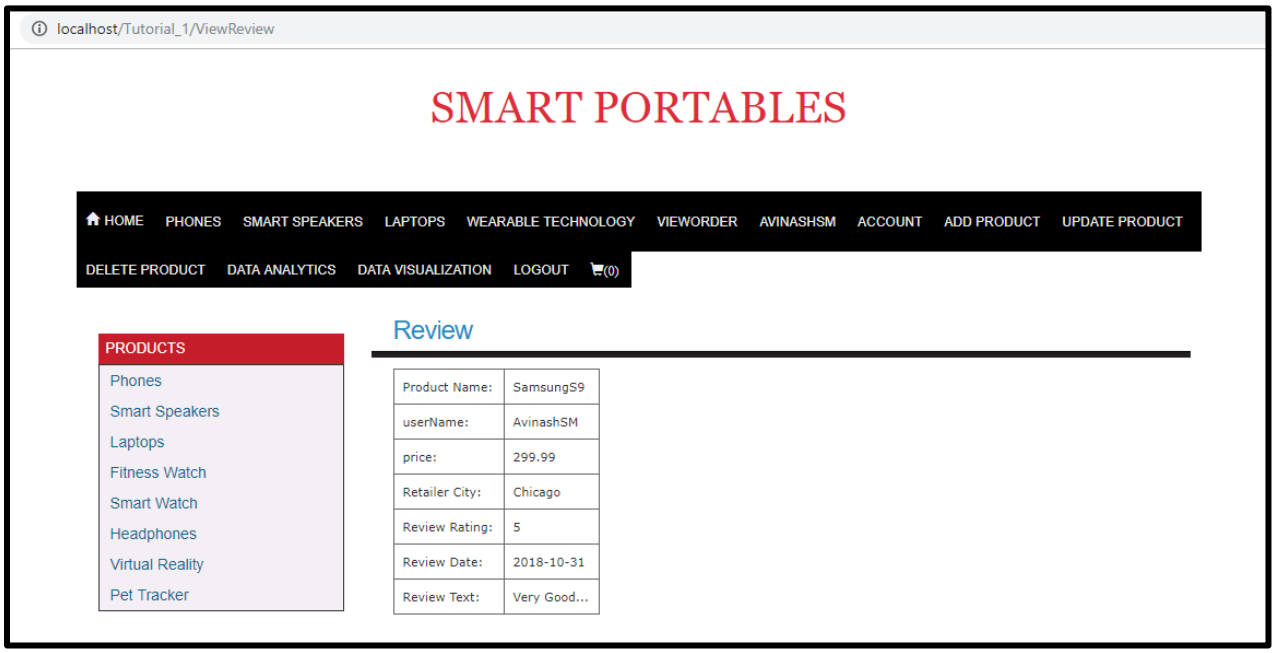
SubmitReview

Success Message after storing review for samsungS9 product:

MongoDB all reviews before writing review for samsungS9:

MongoDB all reviews before writing review for samsungS9:





Trending Products:

localhost/Tutorial_1/ViewReview

HOME PHONES SMART SPEAKERS

DELETE PRODUCT DATA ANALYTICS

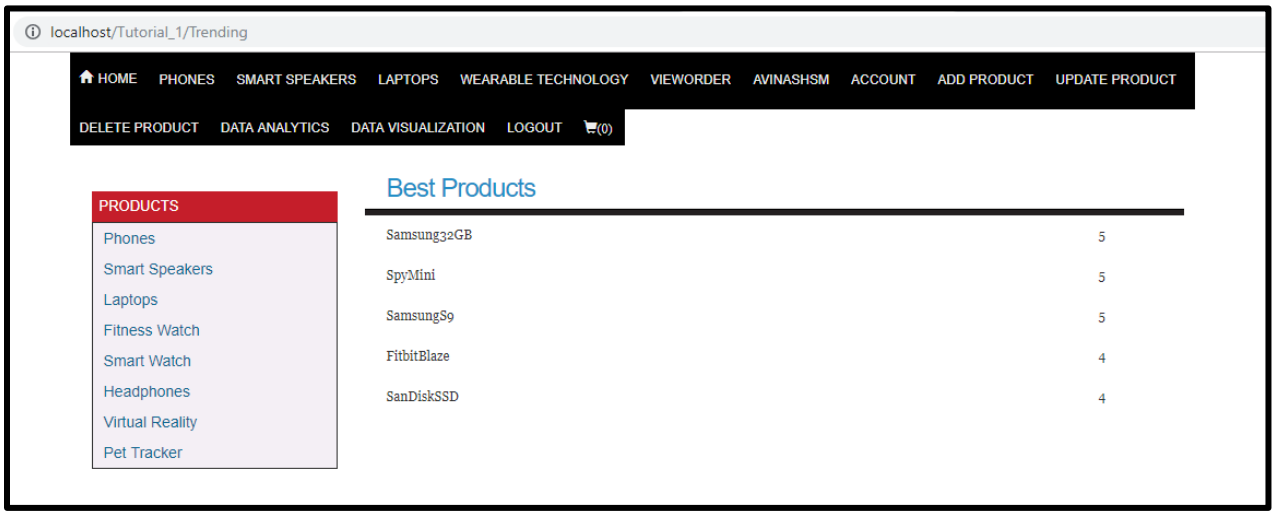
PRODUCTS

- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

TOP TRENDS

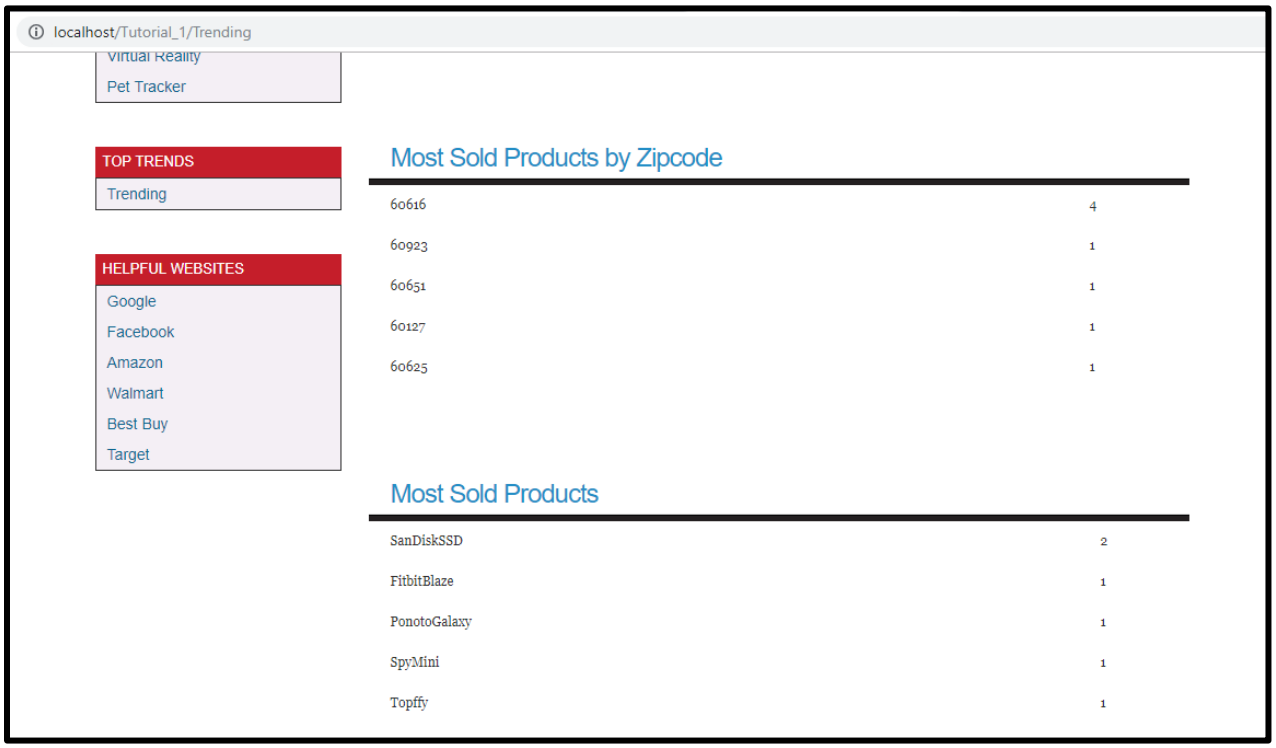
- Trending

Displaying top 5 best products by rating:

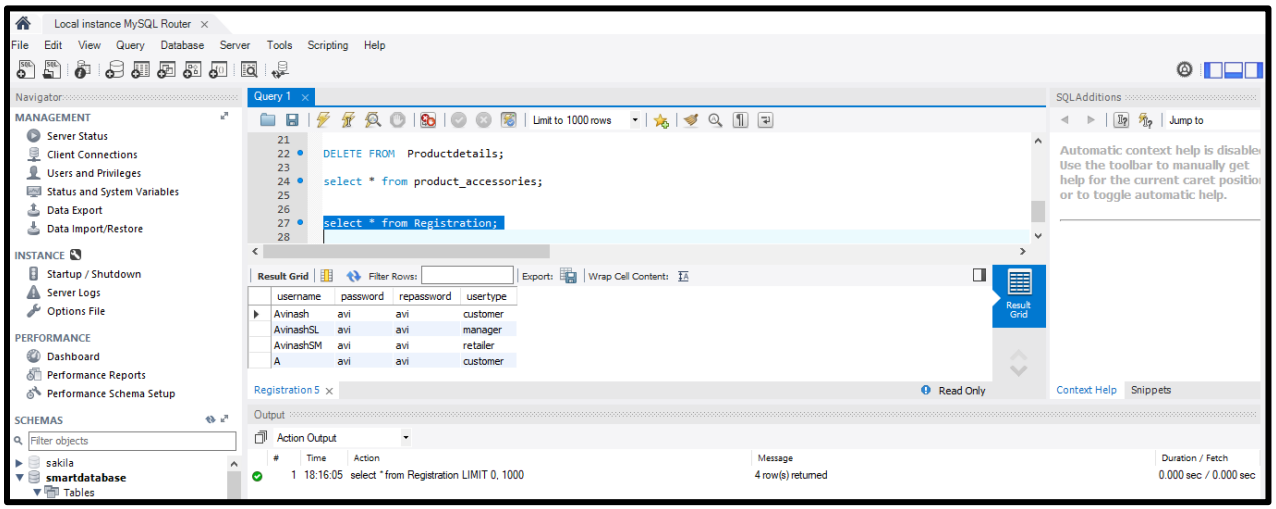


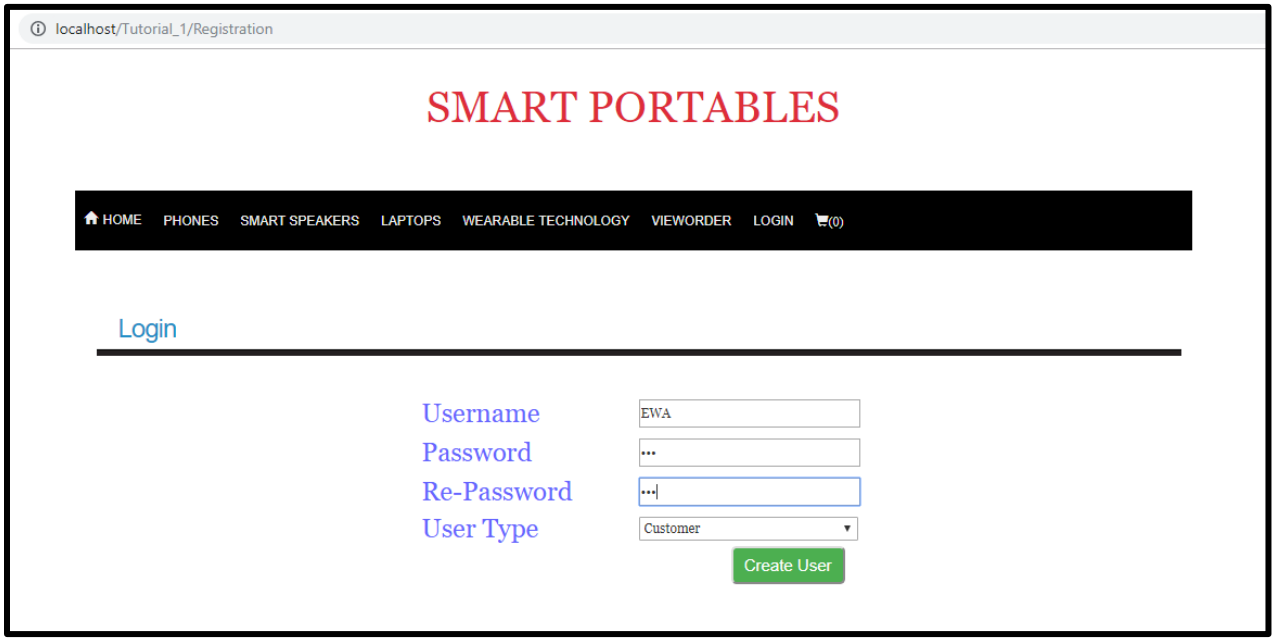
Displaying top 5 most selling products by zip code:

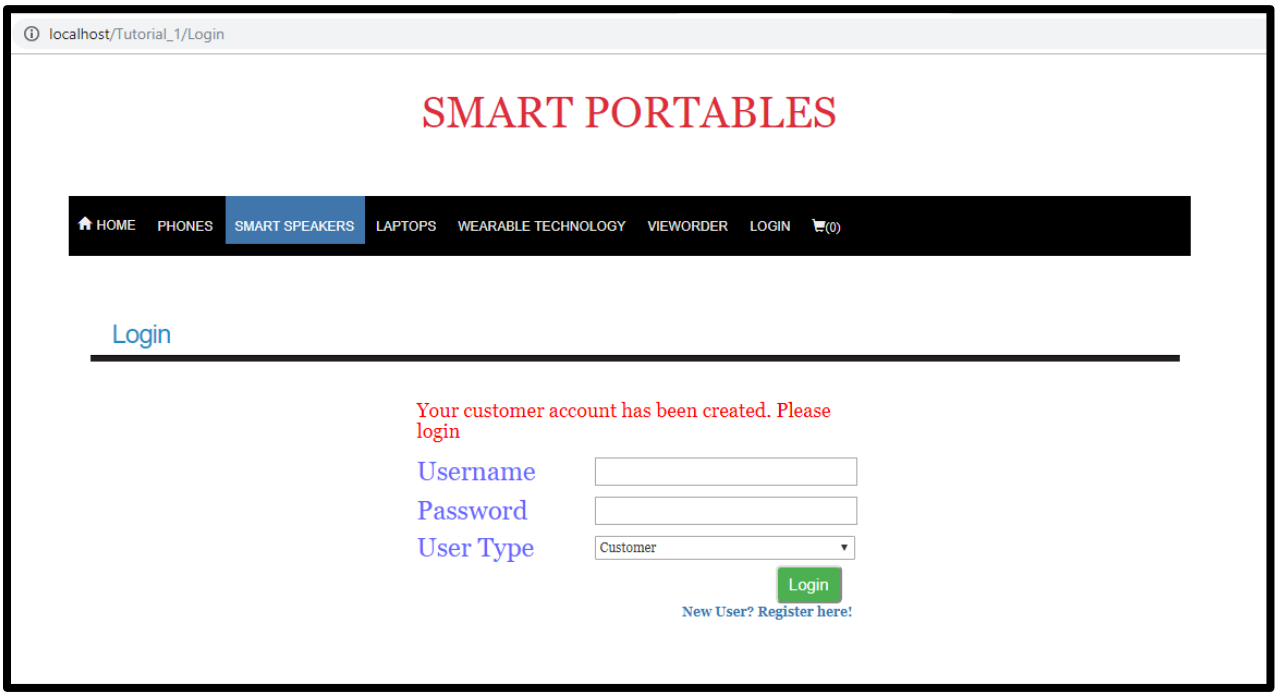
Top5 most products sold by count:



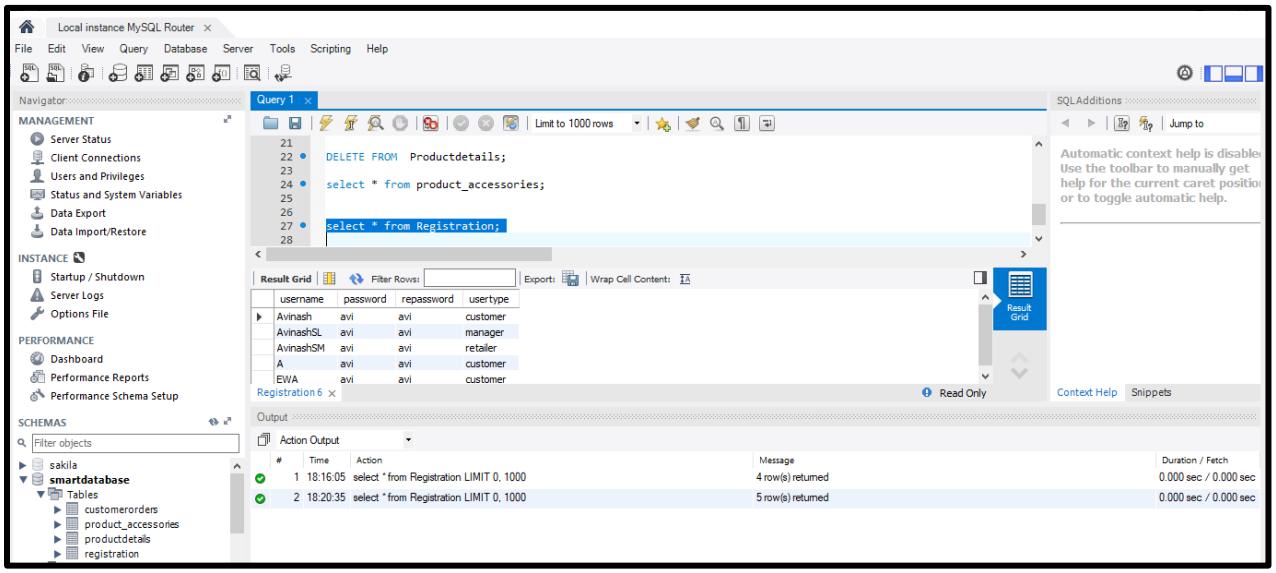
MySQL User registration: (Registration table before adding a new user)





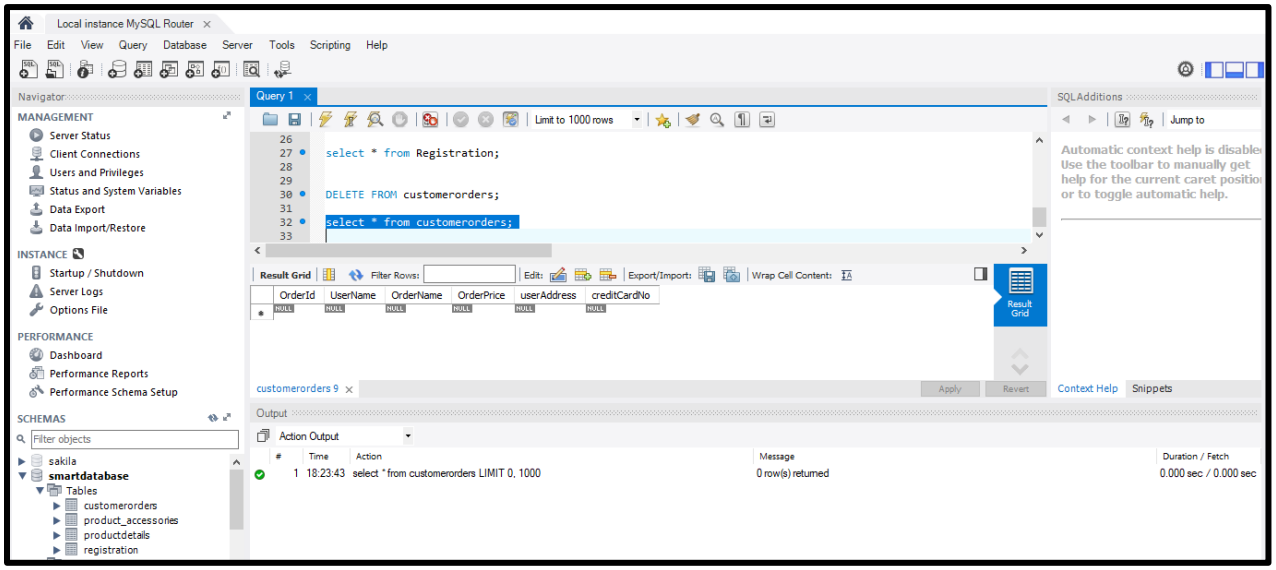


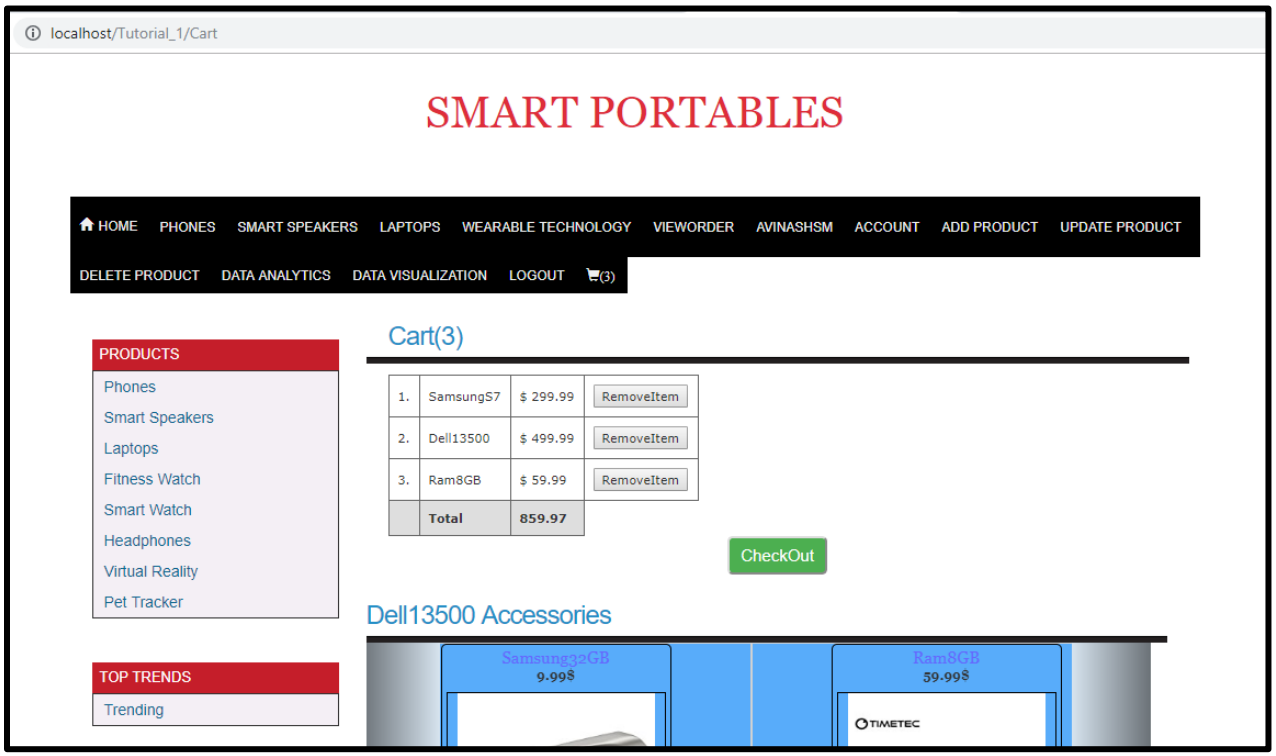
After creating a user:



Order placements:

Customer Orders table before adding an order:





localhost/Tutorial_1/CheckOut

SMART PORTABLES

HOME | PHONES | SMART SPEAKERS | LAPTOPS | WEARABLE TECHNOLOGY | VIEWORDER | AVINASHSM | ACCOUNT | ADD PRODUCT | UPDATE PRODUCT | DELETE PRODUCT | DATA ANALYTICS | DATA VISUALIZATION | LOGOUT | (3)

PRODUCTS

- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

TOP TRENDS

- Trending

Order

Customer Name:	AvinashSM
Product Purchased:	SamsungS7
Product Price:	299.99
Product Purchased:	Dell13500
Product Price:	499.99
Product Purchased:	Ram8GB
Product Price:	59.99
Total Order Cost	859.97

Credit/accountNo 1234567812345678

Customer Address Chicago

Submit

localhost/Tutorial_1/Payment

SMART PORTABLES

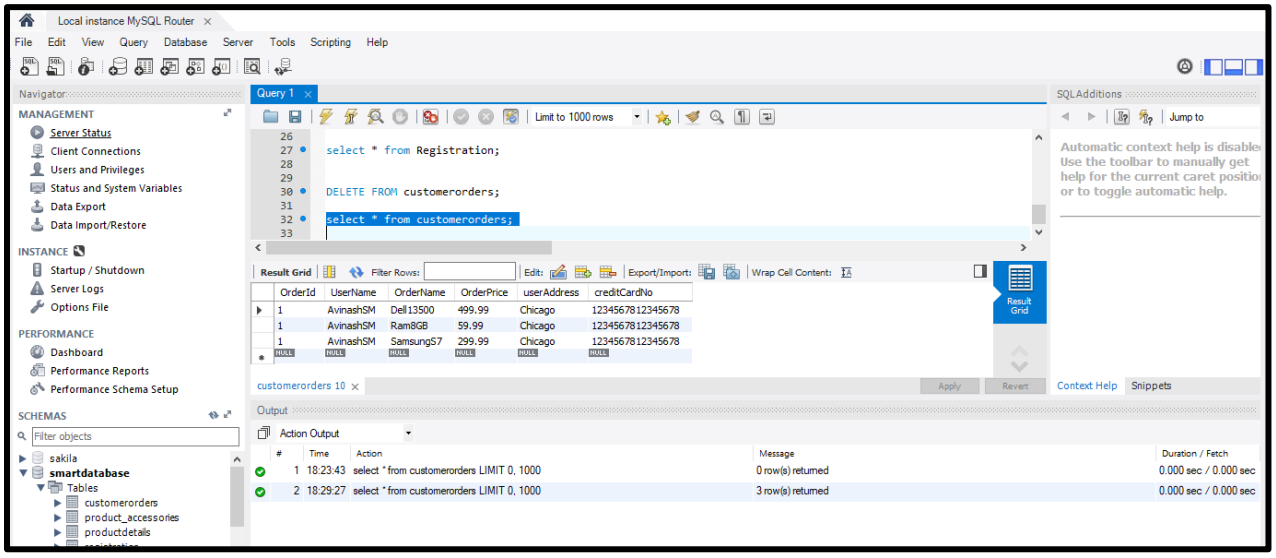
HOME | PHONES | SMART SPEAKERS | LAPTOPS | WEARABLE TECHNOLOGY | VIEWORDER | AVINASHSM | ACCOUNT | ADD PRODUCT | UPDATE PRODUCT | DELETE PRODUCT | DATA ANALYTICS | DATA VISUALIZATION | LOGOUT | (0)

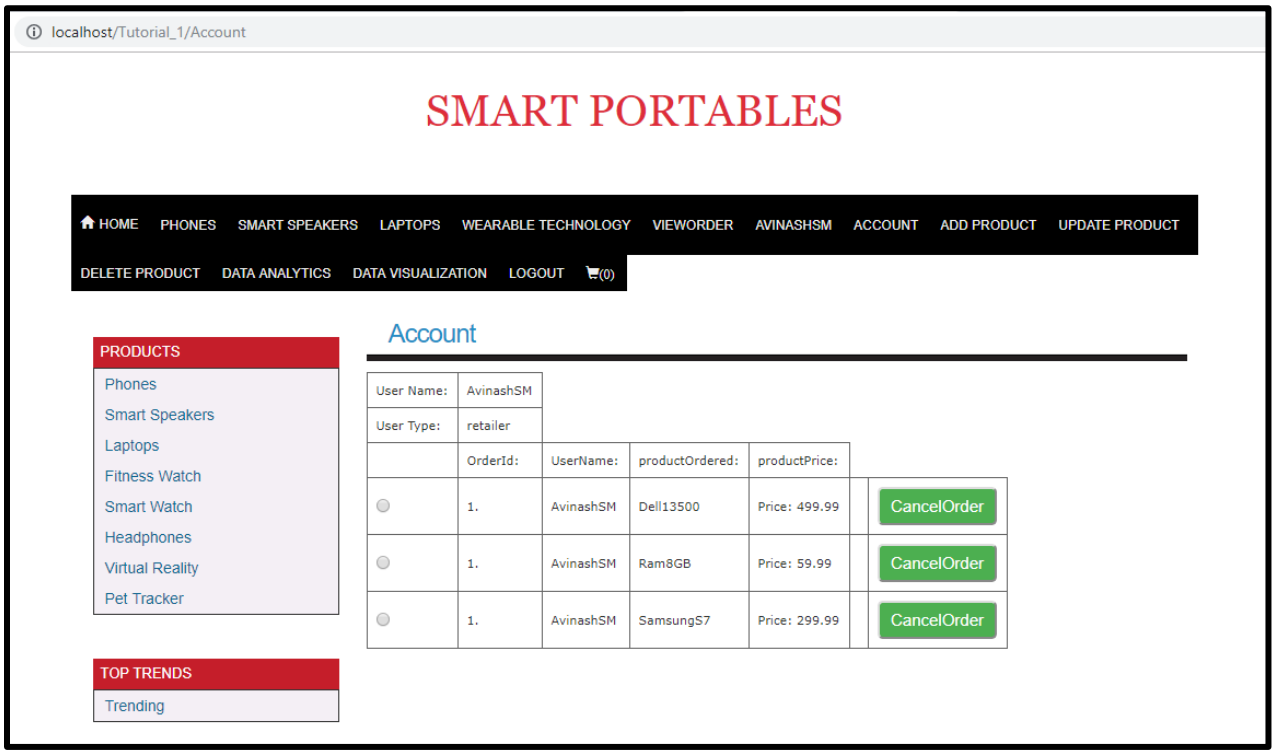
PRODUCTS

- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

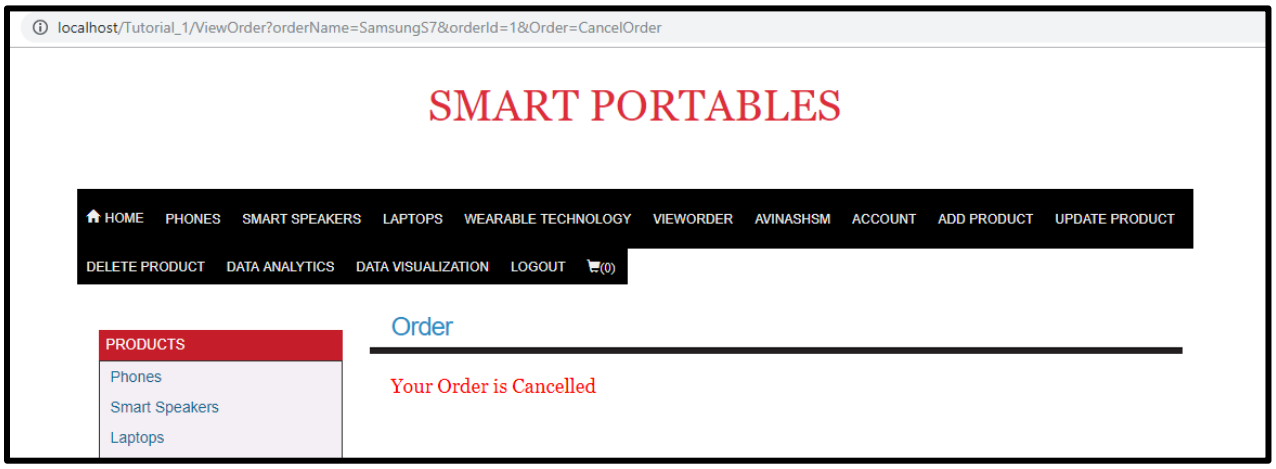
Order

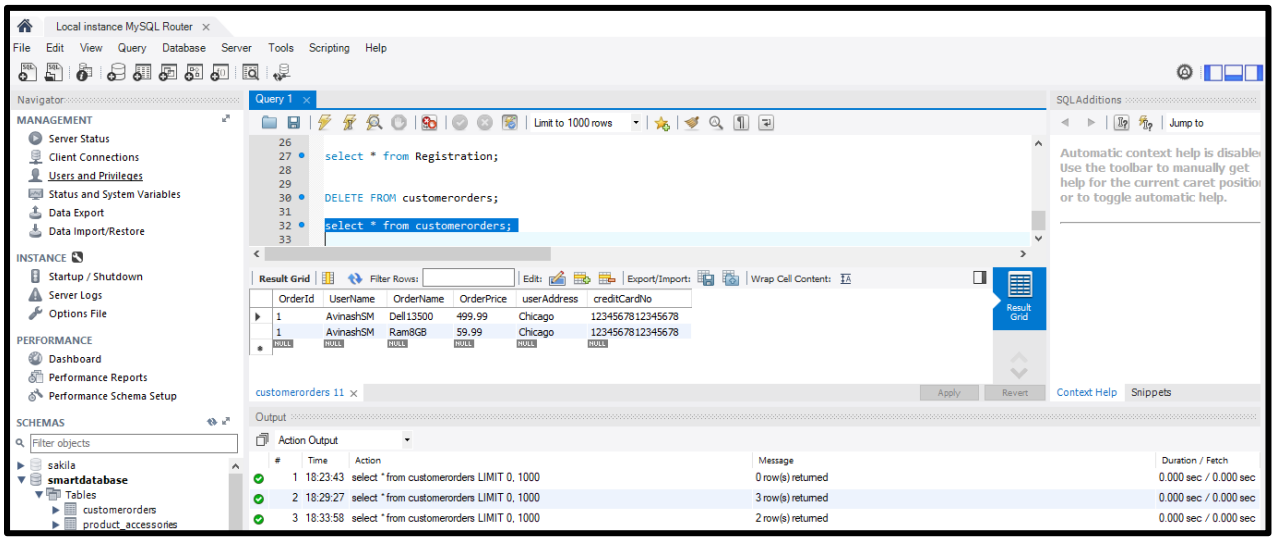
Your Order is stored
Your Order No is 1


Local instance MySQL Router
File Edit View Query Database Server Tools Scripting Help
Navigator
MANAGEMENT
Server Status
Client Connections
Users and Privileges
Status and System Variables
Data Export
Data Import/Restore
INSTANCE
Startup / Shutdown
Server Logs
Options File
PERFORMANCE
Dashboard
Performance Reports
Performance Schema Setup
SCHEMAS
Filter objects
sakila
smartdatabase
Tables
customerorders
product_accessories
productdetails
Query 1
Limit to 1000 rows
select * from Registration;
DELETE FROM customerorders;
select * from customerorders;
Result Grid
Filter Rows:
Edit:
Export/Import:
Wrap Cell Content:
OrderId UserName OrderName OrderPrice userAddress creditCardNo
1 AvinashSM Dell13500 499.99 Chicago 1234567812345678
1 AvinashSM Ram8GB 59.99 Chicago 1234567812345678
1 AvinashSM SamsungS7 299.99 Chicago 1234567812345678
customerorders 10
Apply
Revert
SQLAdditions
Jump to
Context Help
Snippets
Output
Action Output
Time Action Message Duration / Fetch
1 18:23:43 select * from customerorders LIMIT 0, 1000 0 row(s) returned 0.000 sec / 0.000 sec
2 18:29:27 select * from customerorders LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec

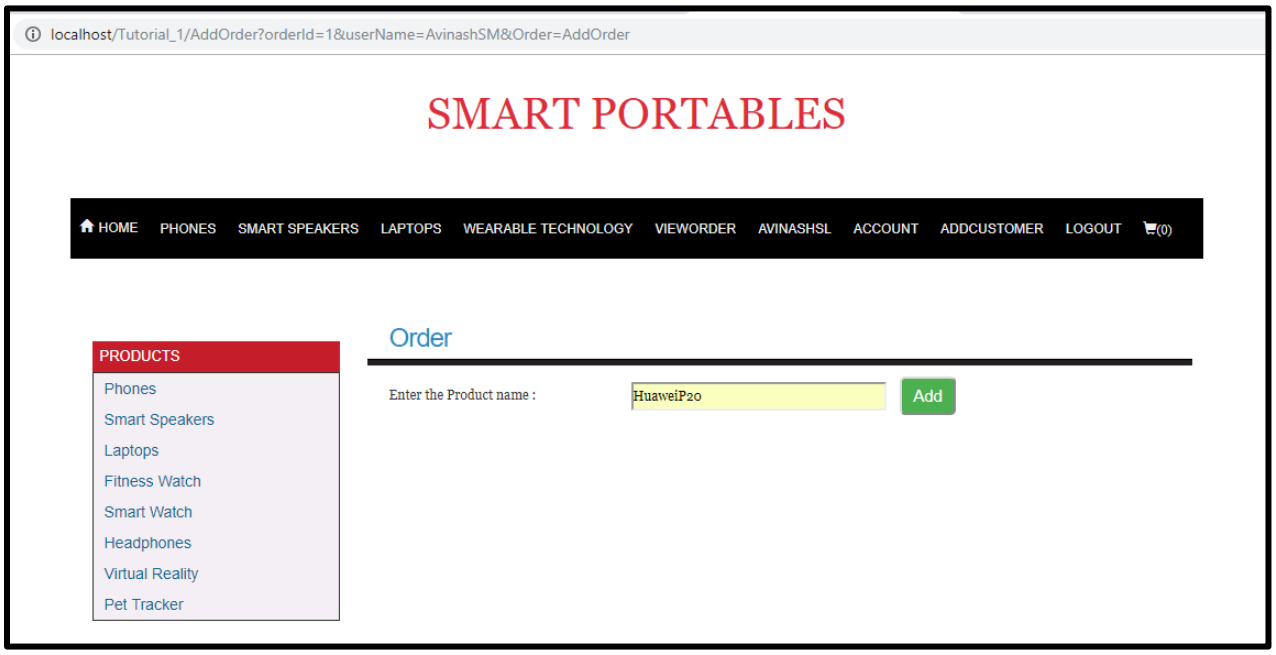

localhost/Tutorial_1/Account
SMART PORTABLES
HOME PHONES SMART SPEAKERS LAPTOPS WEARABLE TECHNOLOGY VIEWORDER AVINASHSM ACCOUNT ADD PRODUCT UPDATE PRODUCT
DELETE PRODUCT DATA ANALYTICS DATA VISUALIZATION LOGOUT (0)
PRODUCTS
Phones
Smart Speakers
Laptops
Fitness Watch
Smart Watch
Headphones
Virtual Reality
Pet Tracker
TOP TRENDS
Trending
Account
User Name: AvinashSM
User Type: retailer
OrderId: UserName: productOrdered: productPrice:
1. AvinashSM Dell13500 Price: 499.99 CancelOrder
1. AvinashSM Ram8GB Price: 59.99 CancelOrder
1. AvinashSM SamsungS7 Price: 299.99 CancelOrder

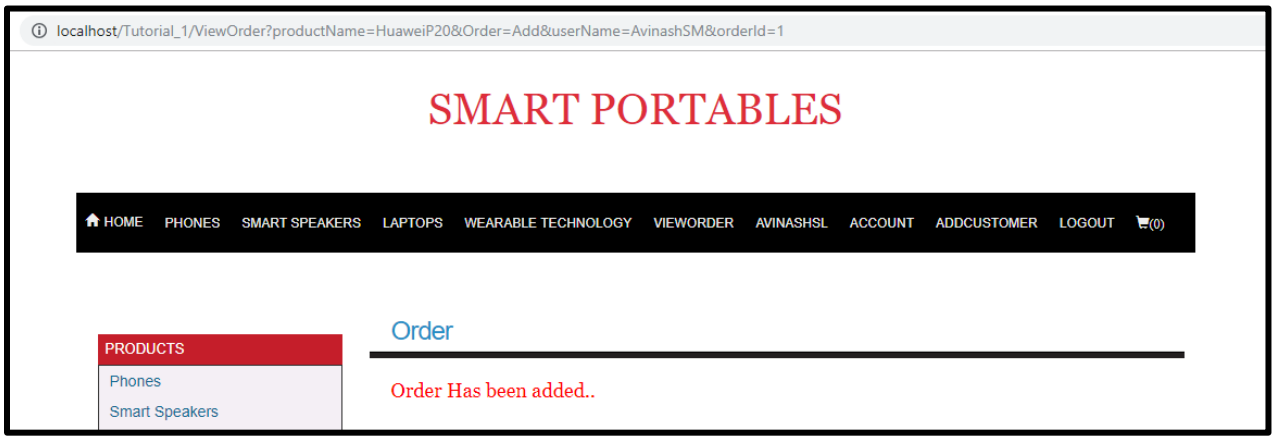
Cancelling an order from the Account:

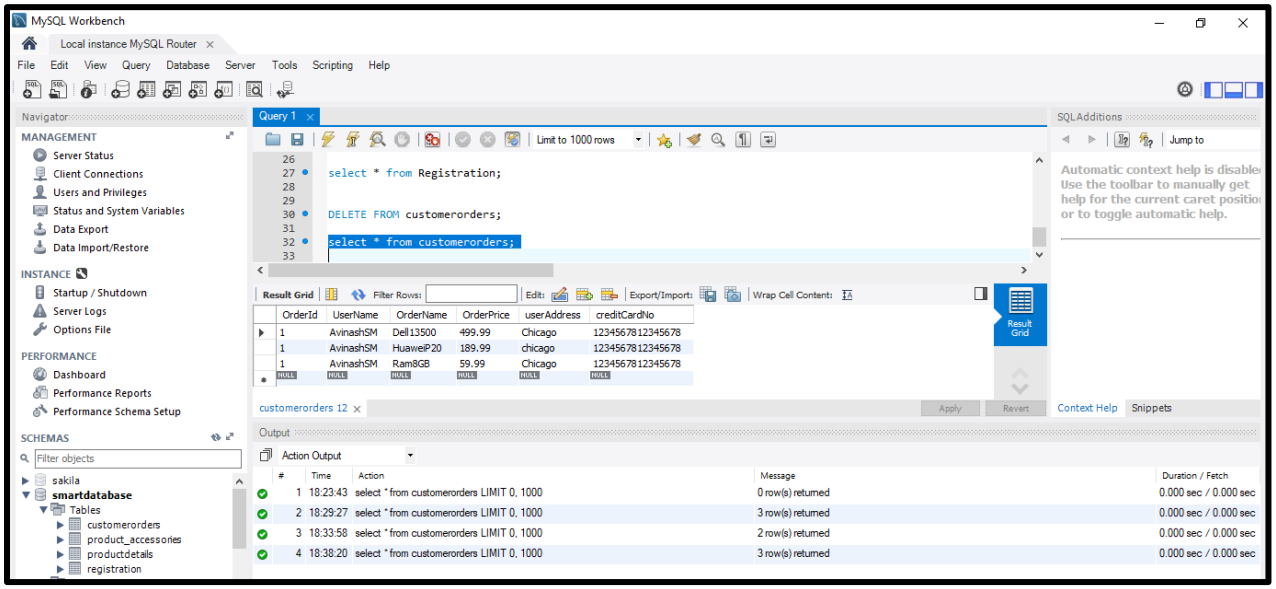




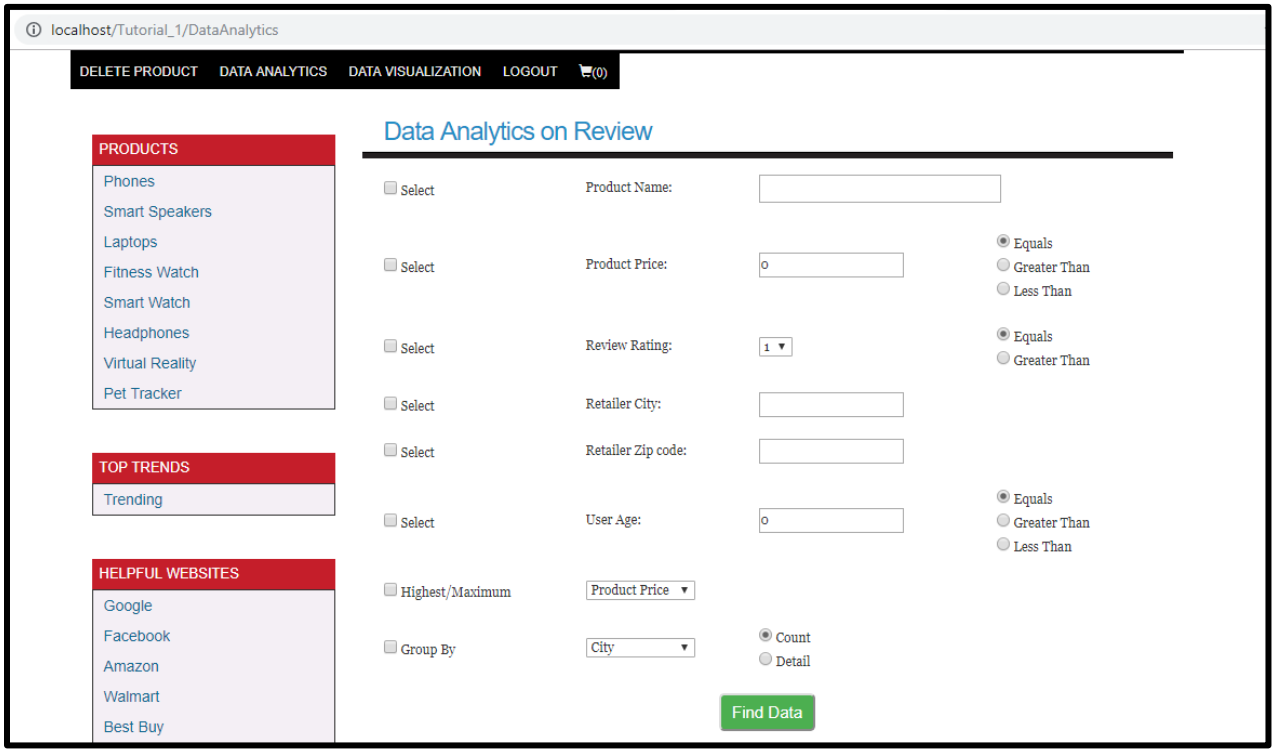
Ability to add an order from the Salesman profile:



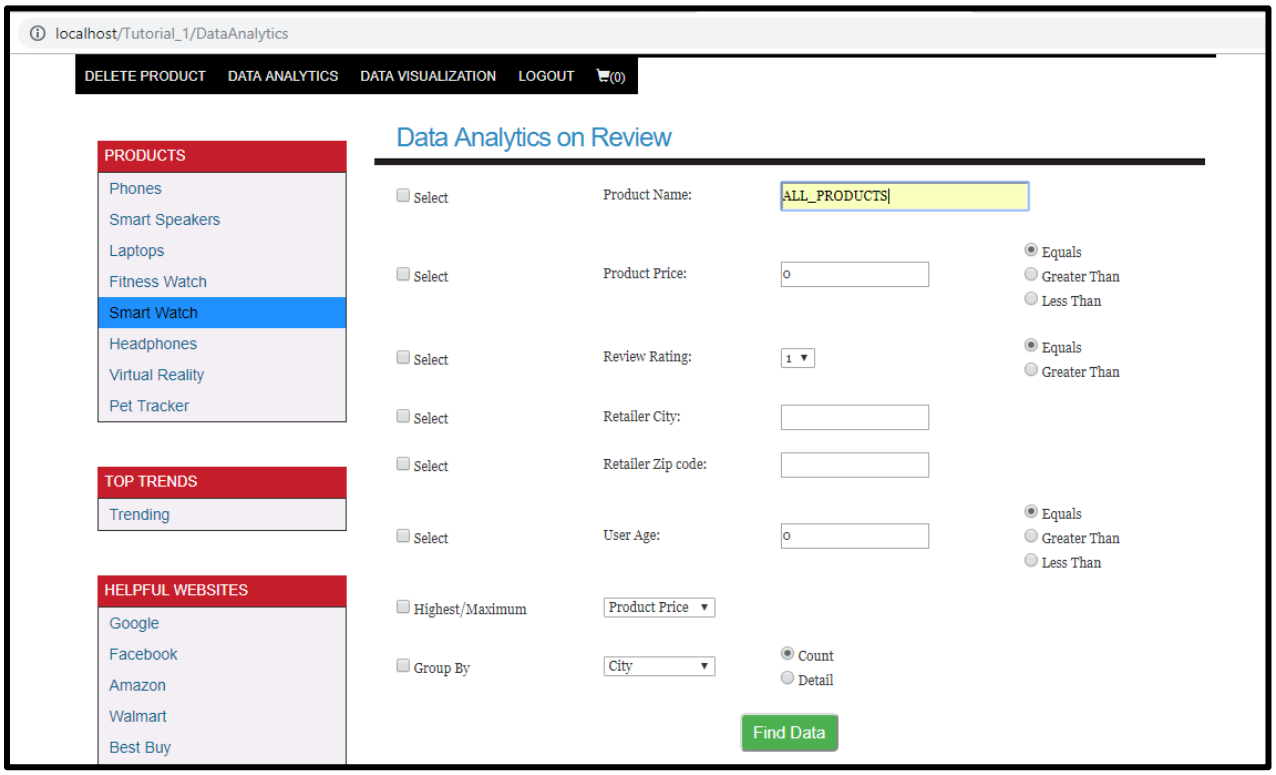


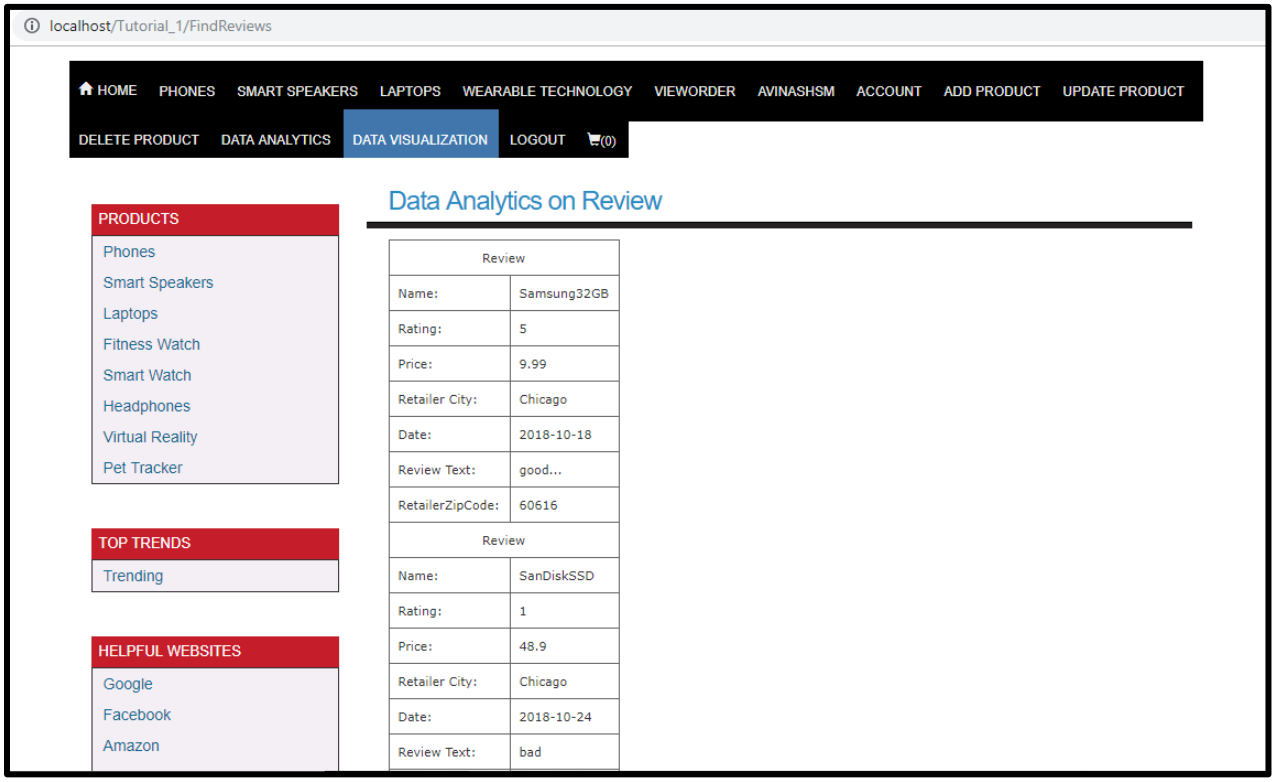


Data Analytics:

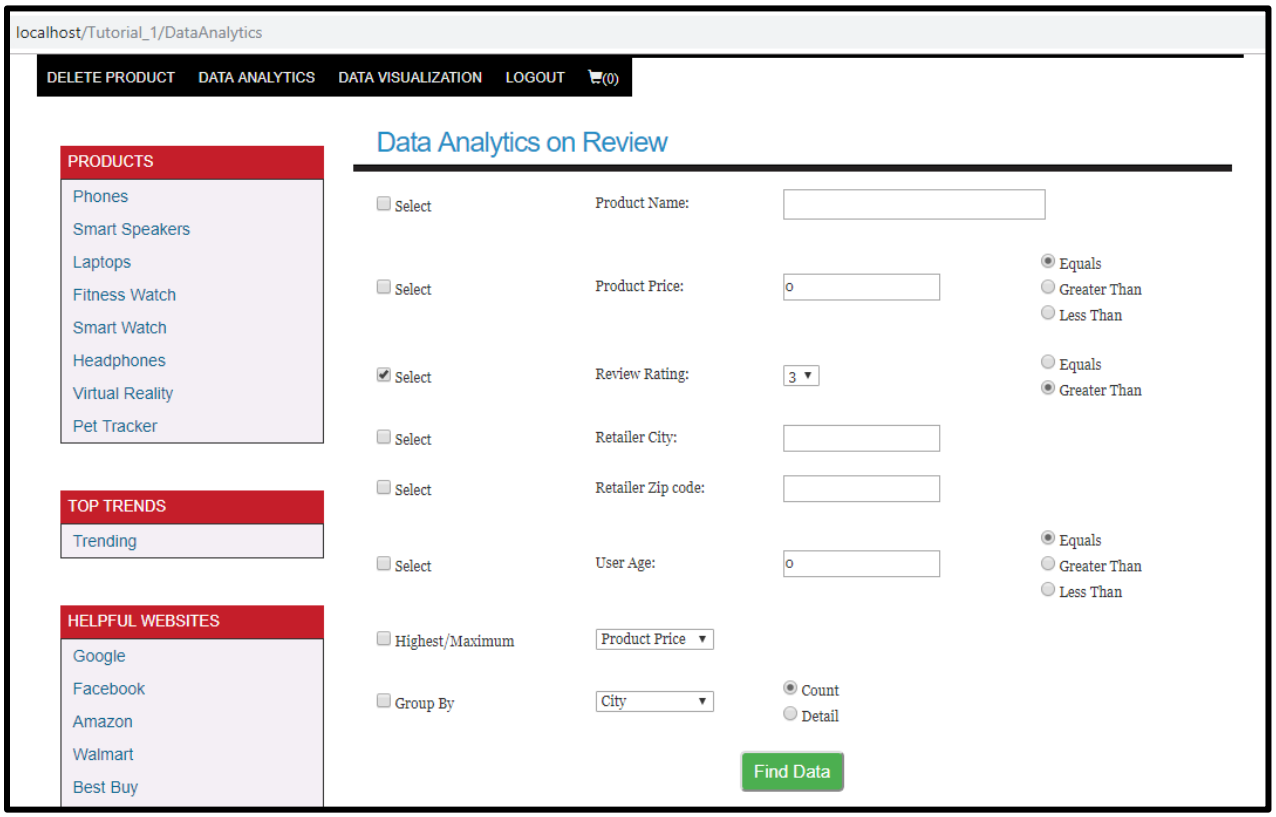


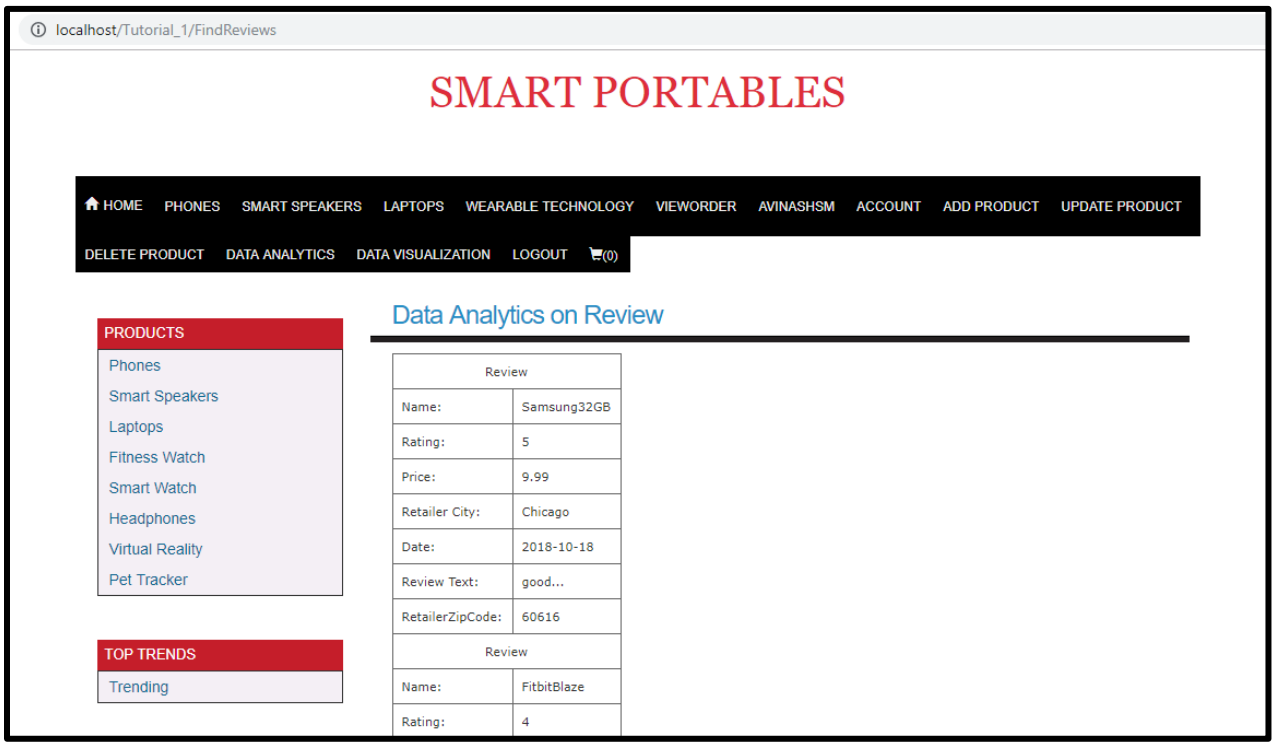
Printing List of all products:



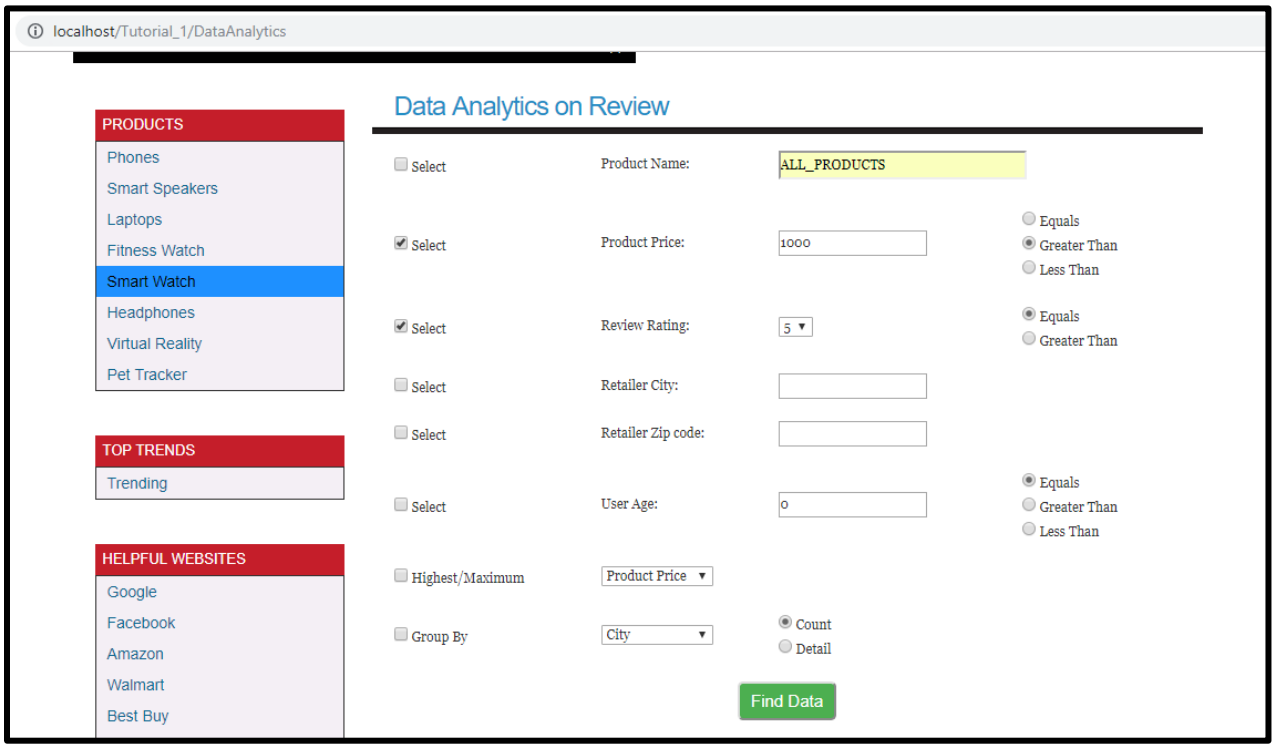


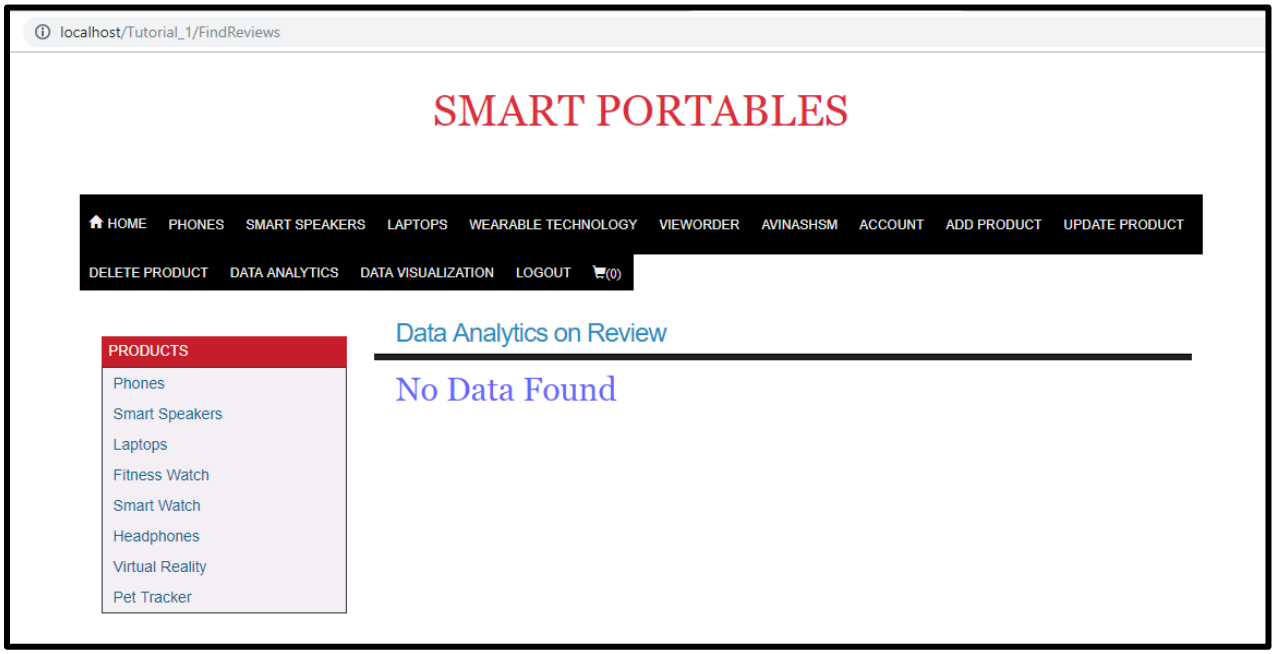
Printing reviews where rating is greater than 3:



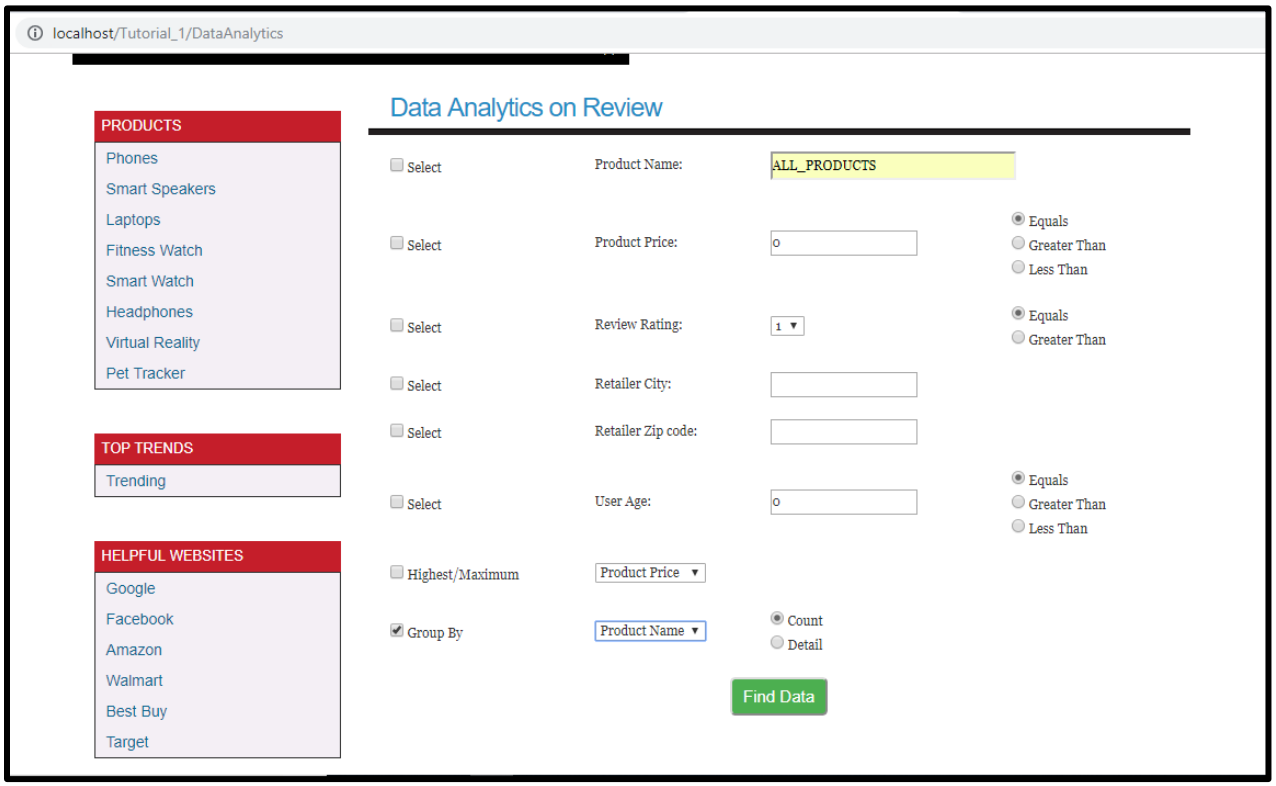


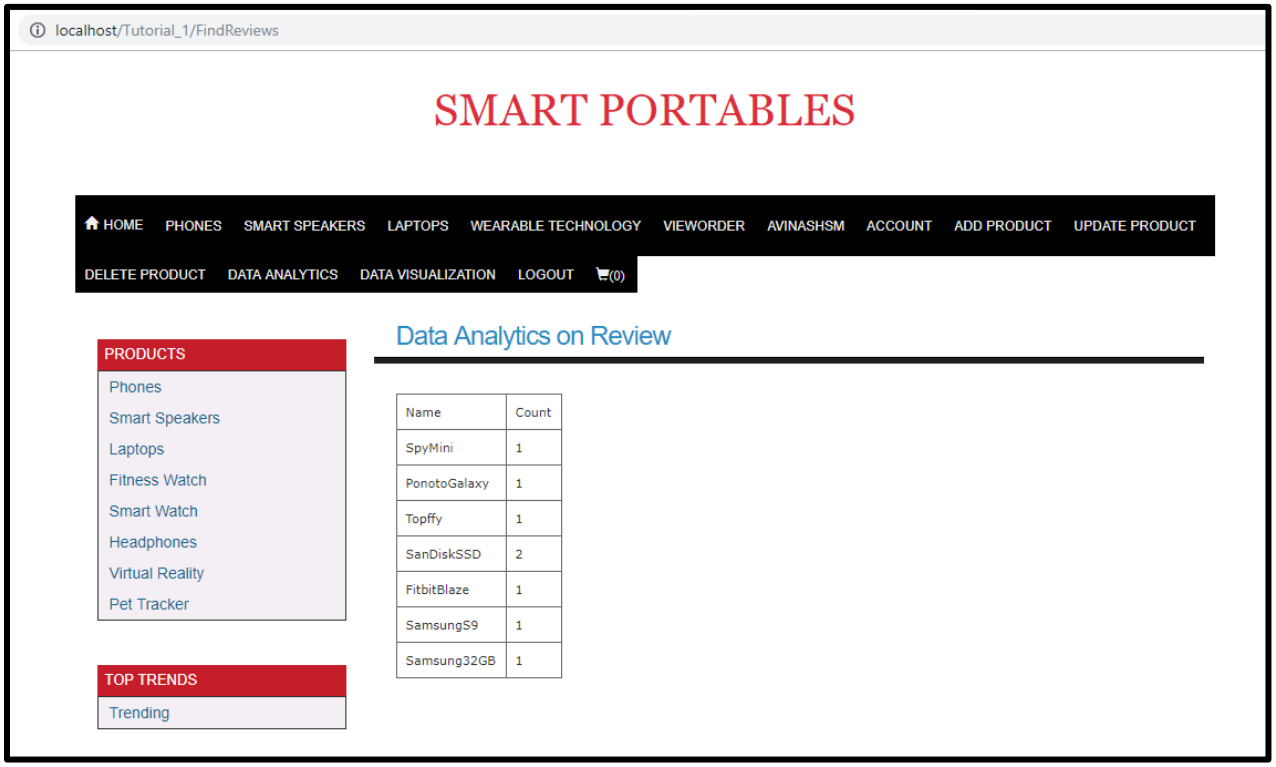
List of products where review is 5 and product price is greater than 1000:





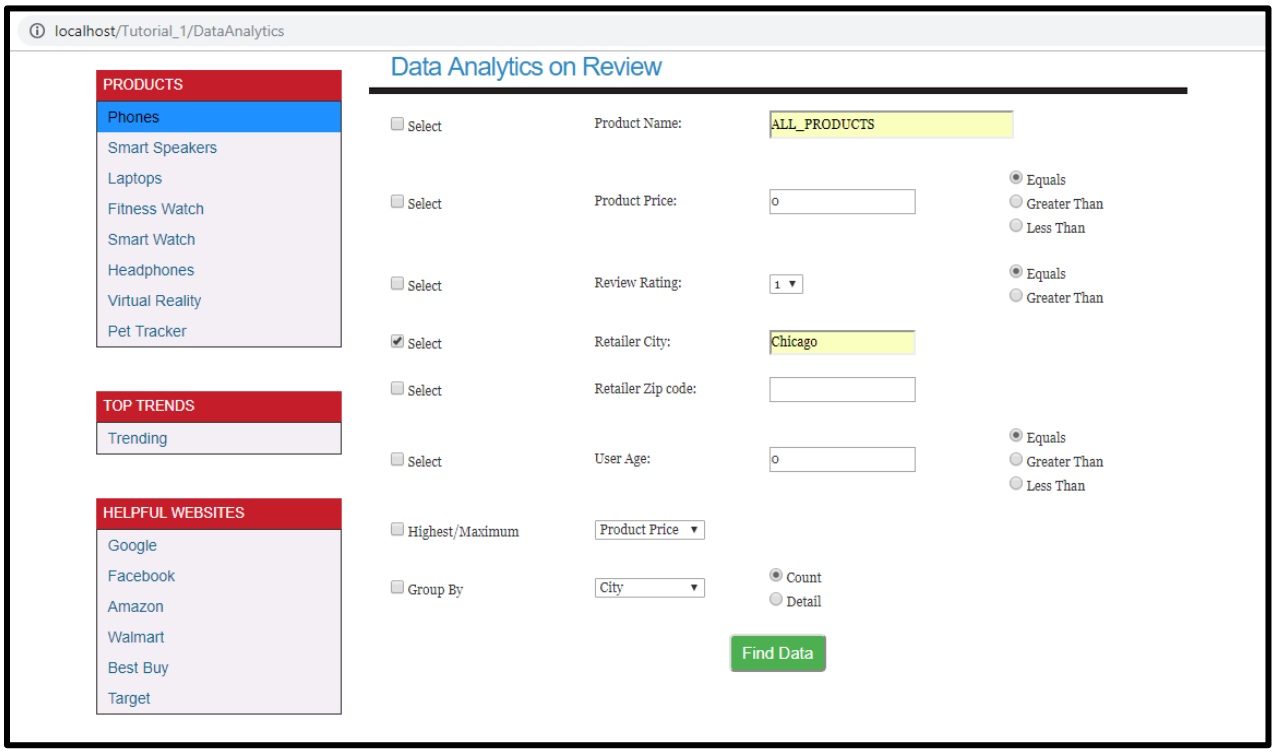
Printing number of reviews for every product:

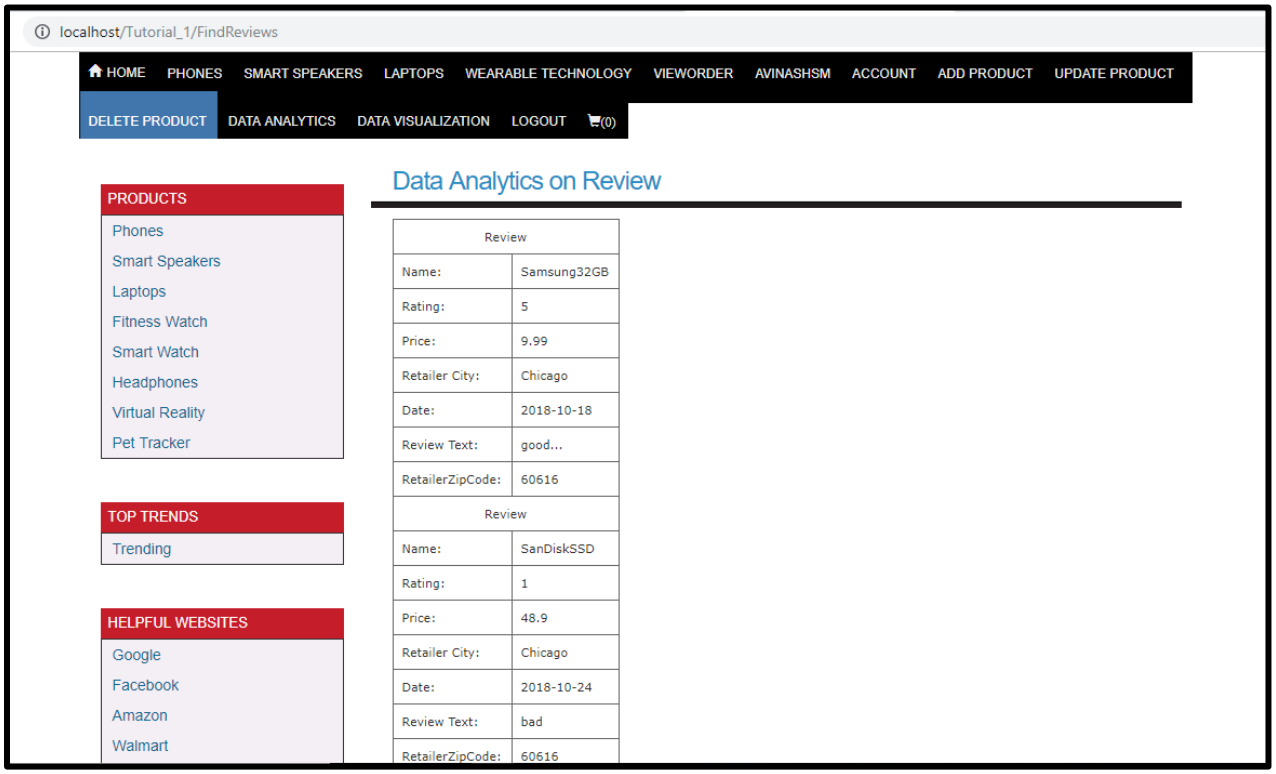




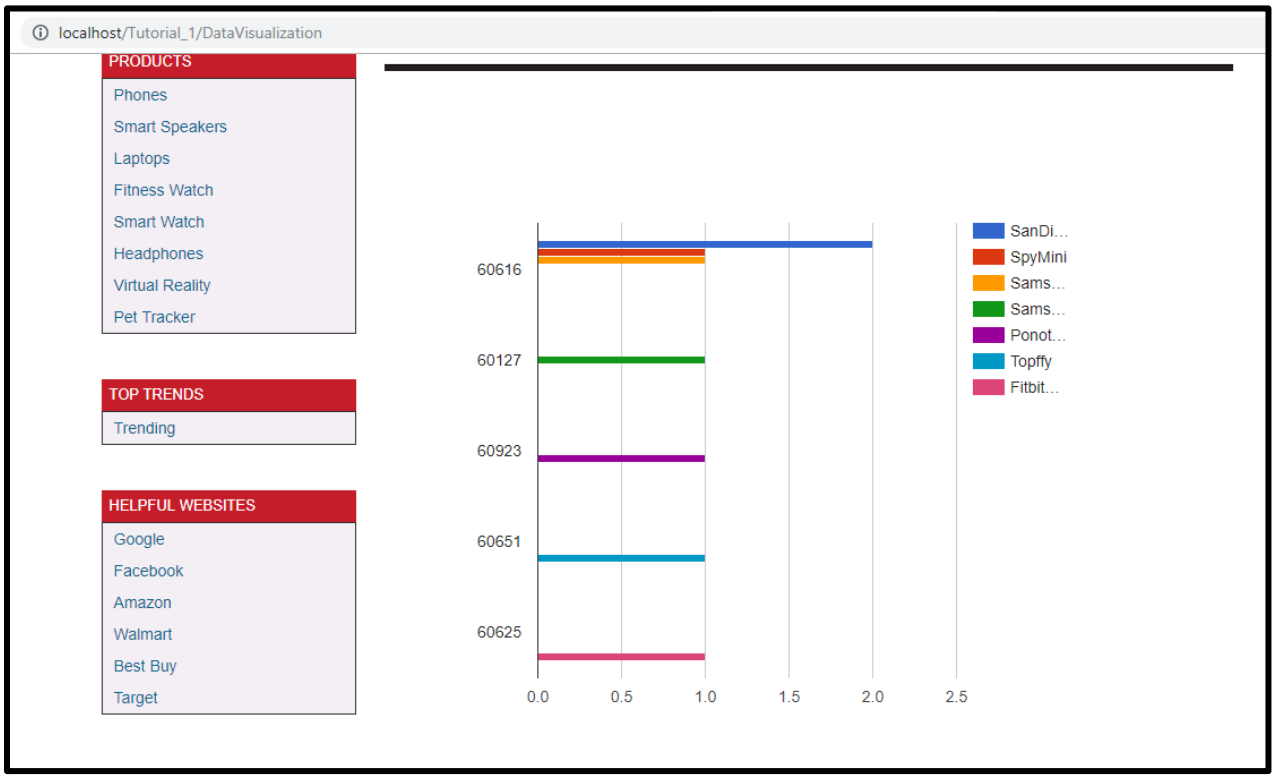
Name	Count
SpyMini	1
PonotoGalaxy	1
Topffy	1
SanDiskSSD	2
FitbitBlaze	1
SamsungS9	1
Samsung32GB	1

List of reviews for shoppers in Chicago:



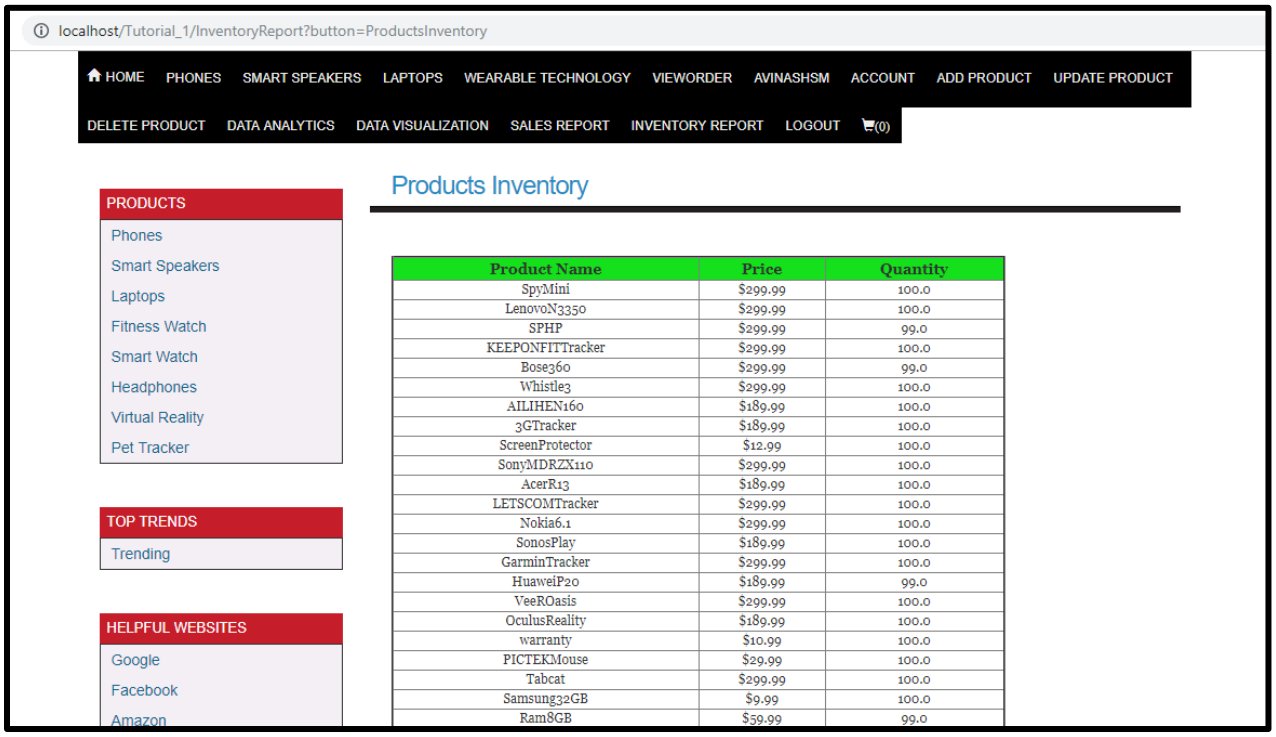


Data Visualization:



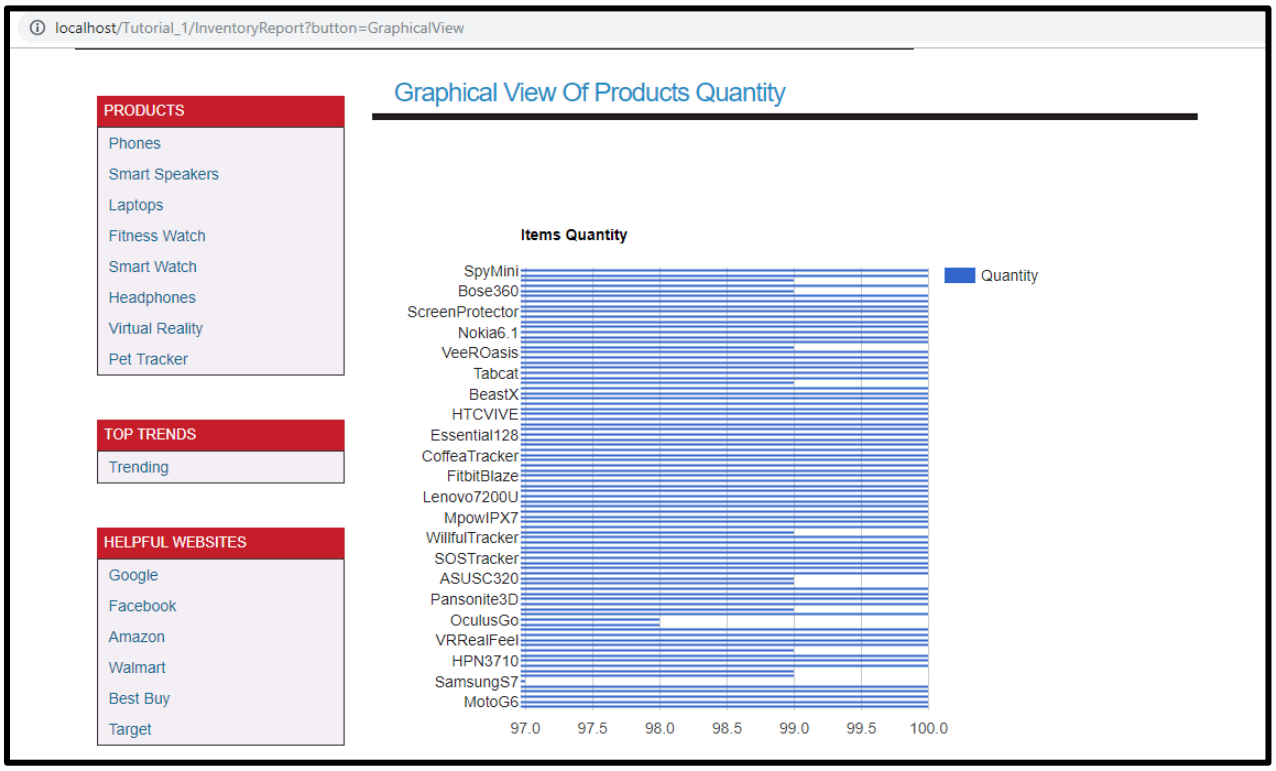
Sales Manager profile:
Additional Features Sales Report and Inventory Report:

Product Inventory (All products available):

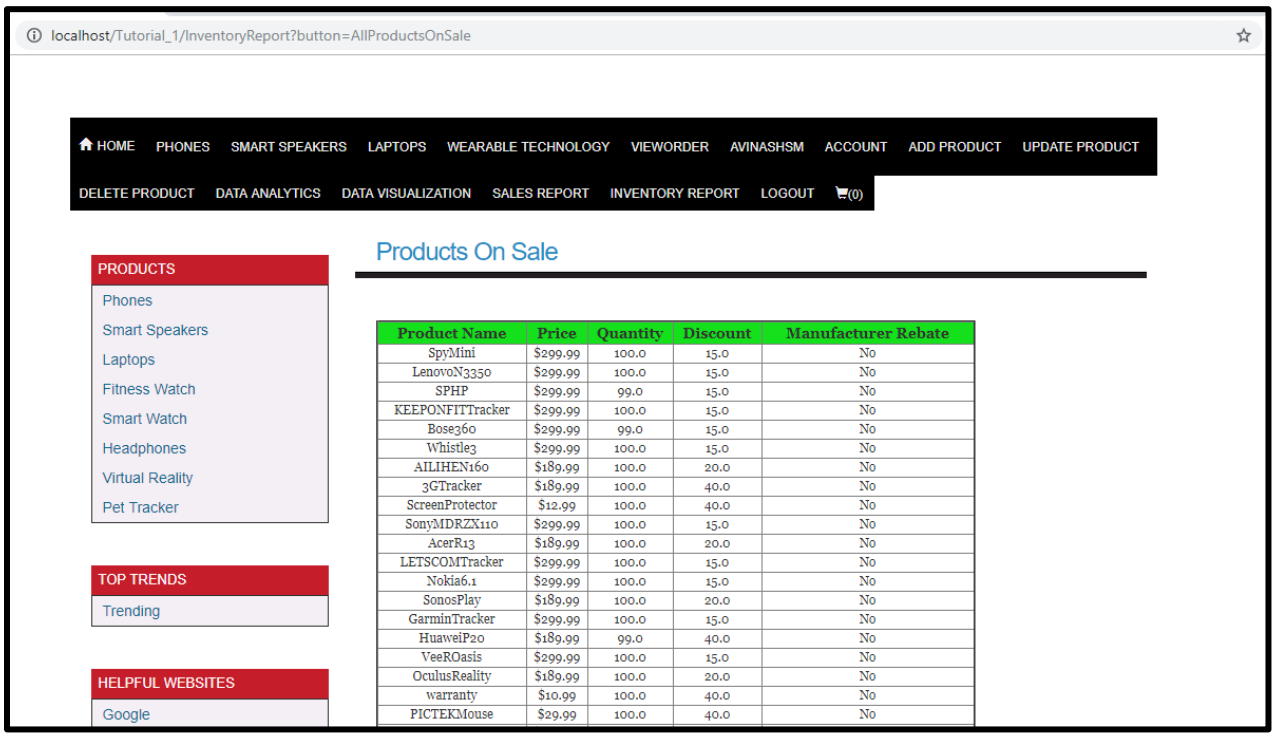


Product Name	Price	Quantity
SpyMini	$299.99	100.0
LenovoN3350	$299.99	100.0
SPHP	$299.99	99.0
KEEPONFITTracker	$299.99	100.0
Bose360	$299.99	99.0
Whistle3	$299.99	100.0
AILIHEN160	$189.99	100.0
3GTracker	$189.99	100.0
ScreenProtector	$12.99	100.0
SonyMDRZX110	$299.99	100.0
AcerR13	$189.99	100.0
LETSCOMTracker	$299.99	100.0
Nokia6.1	$299.99	100.0
SonosPlay	$189.99	100.0
GarminTracker	$299.99	100.0
HuaweiP20	$189.99	99.0
VeeROasis	$299.99	100.0
OculusReality	$189.99	100.0
warranty	$10.99	100.0
PICTEKMouse	$29.99	100.0
Tabcat	$299.99	100.0
Samsung32GB	$9.99	100.0
Ram8GB	$59.99	99.0

Graphical View of Products and Quantity:



All Products on Sale:



Product Name	Price	Quantity	Discount	Manufacturer Rebate
SpyMini	$299.99	100.0	15.0	No
LenovoN3350	$299.99	100.0	15.0	No
SPHP	$299.99	99.0	15.0	No
KEEPONFITTracker	$299.99	100.0	15.0	No
Bose360	$299.99	99.0	15.0	No
Whistle3	$299.99	100.0	15.0	No
AILIHEN160	$189.99	100.0	20.0	No
3GTracker	$189.99	100.0	40.0	No
ScreenProtector	$12.99	100.0	40.0	No
SonyMDRZX110	$299.99	100.0	15.0	No
AcerR13	$189.99	100.0	20.0	No
LETSCOMTracker	$299.99	100.0	15.0	No
Nokia6.1	$299.99	100.0	15.0	No
SonosPlay	$189.99	100.0	20.0	No
GarminTracker	$299.99	100.0	15.0	No
HuaweiP20	$189.99	99.0	40.0	No
VeeROasis	$299.99	100.0	15.0	No
OculusReality	$189.99	100.0	20.0	No
warranty	$10.99	100.0	40.0	No
PICTEKMouse	$29.99	100.0	40.0	No

Manufacture Rebates:

localhost/Tutorial_1/InventoryReport?button=ManufacturerRebates

SMART PORTABLES

HOME PHONES SMART SPEAKERS LAPTOPS WEARABLE TECHNOLOGY VIEWORDER AVINASHSM ACCOUNT ADD PRODUCT UPDATE PRODUCT DELETE PRODUCT DATA ANALYTICS DATA VISUALIZATION SALES REPORT INVENTORY REPORT LOGOUT (0)

PRODUCTS
- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

Manufacture Rebate Products

Product Name	Price	Quantity	Manufacturer Rebate
Bose	$189.99	99.0	Yes
ANKER	$189.99	100.0	Yes
Apple6	$189.99	100.0	Yes
BLUR2	$189.99	100.0	Yes

Sales Report - Products sold:

localhost/Tutorial_1/SalesReport?button=ProductAvailability

SMART PORTABLES

HOME PHONES SMART SPEAKERS LAPTOPS WEARABLE TECHNOLOGY VIEWORDER AVINASHSM ACCOUNT ADD PRODUCT UPDATE PRODUCT DELETE PRODUCT DATA ANALYTICS DATA VISUALIZATION SALES REPORT INVENTORY REPORT LOGOUT (0)

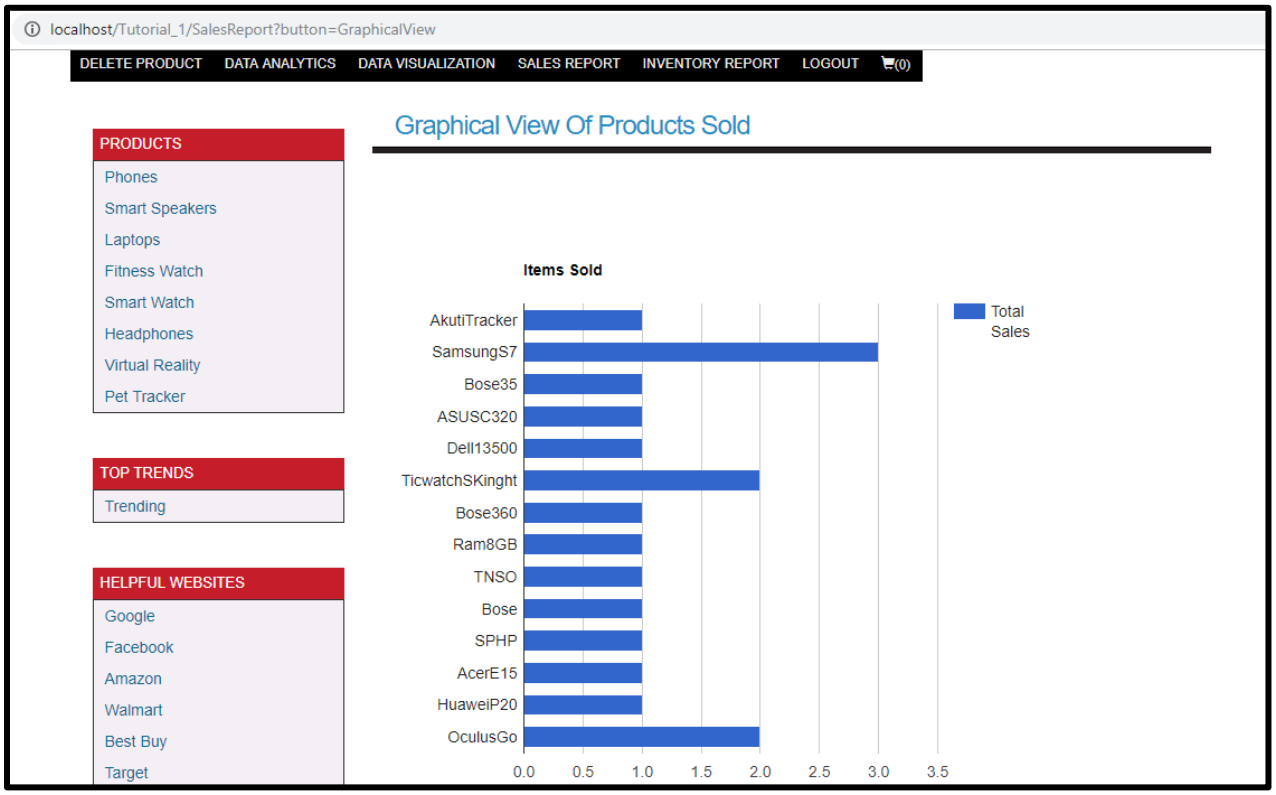
PRODUCTS
- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

TOP TRENDS
- Trending

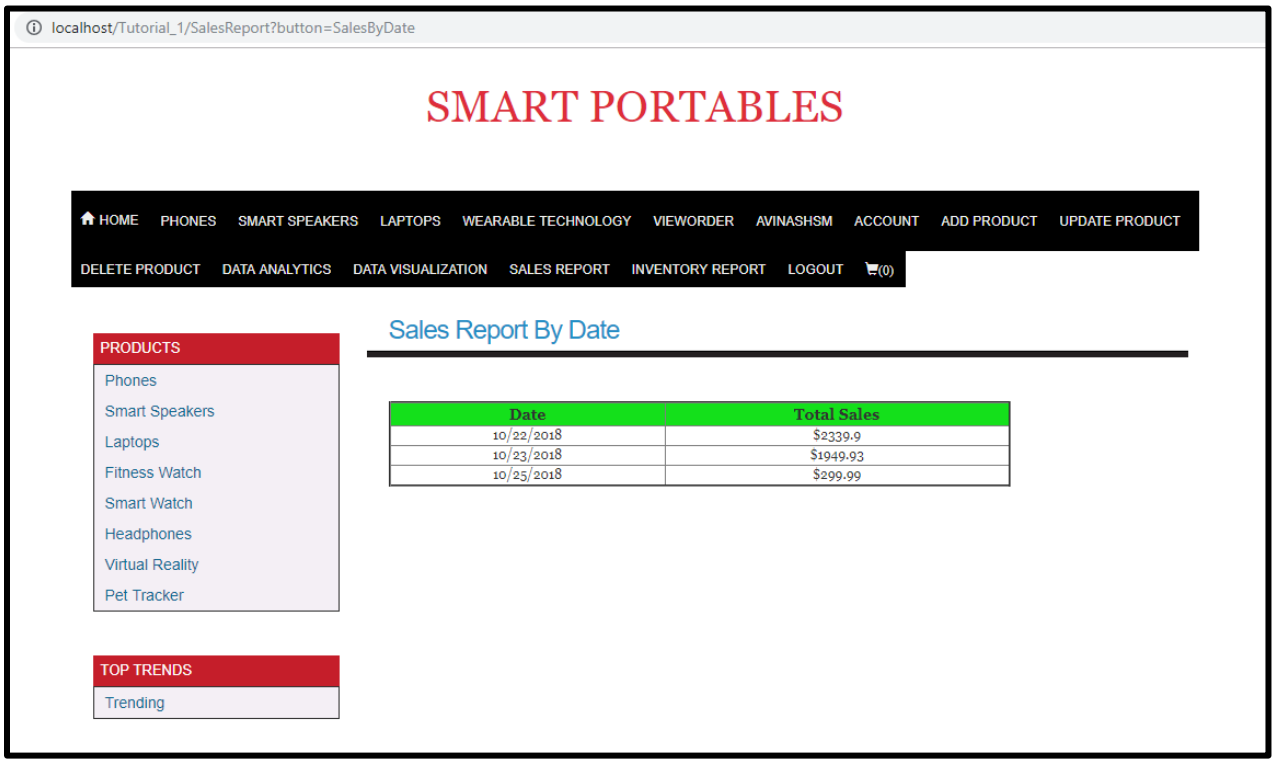
Products Sold

Product Name	Product Price	Items Sold	Total Sales
Bose35	$189.99	1	$189.99
SPHP	$299.99	1	$299.99
Ram8GB	$59.99	1	$59.99
AcerE15	$189.99	1	$189.99
Bose	$189.99	1	$189.99
TNSO	$299.99	1	$299.99
TicwatchSKinght	$299.99	2	$599.98
OculusGo	$189.99	2	$379.98
ASUSC320	$299.99	1	$299.99
AkutiTracker	$189.99	1	$189.99
Dell13500	$499.99	1	$499.99
Bose360	$299.99	1	$299.99
HuaweiP20	$189.99	1	$189.99
SamsungS7	$299.99	3	$899.97

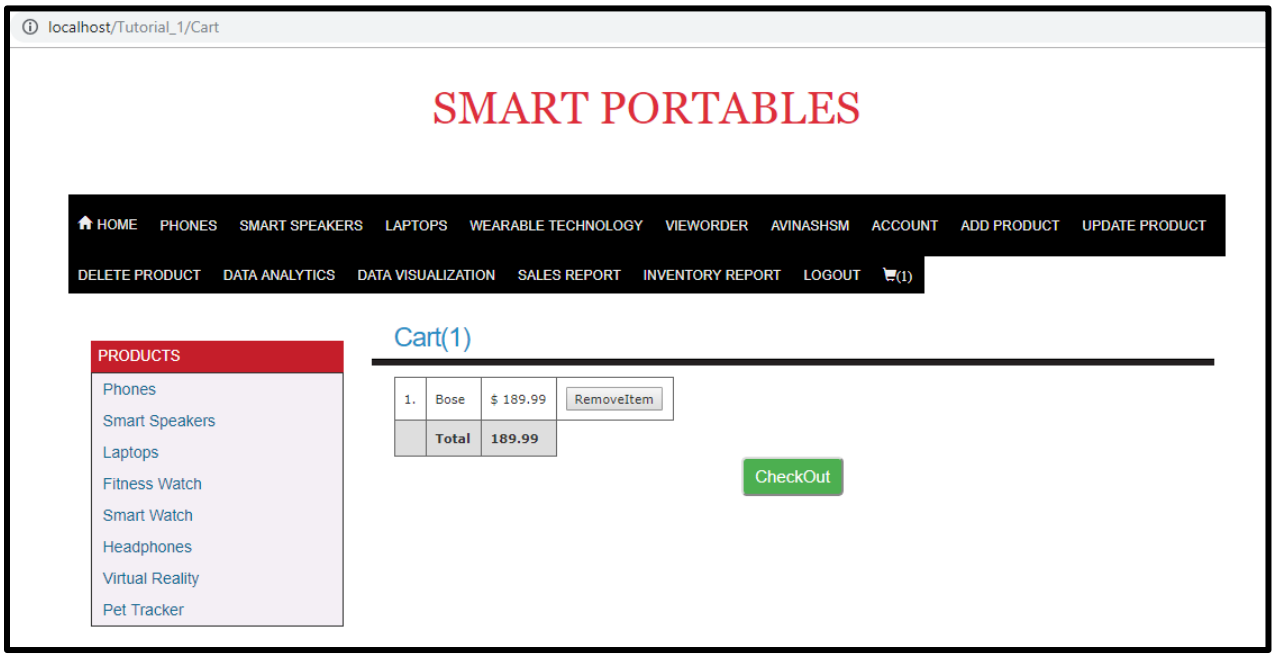
Graphical view of Products sold:

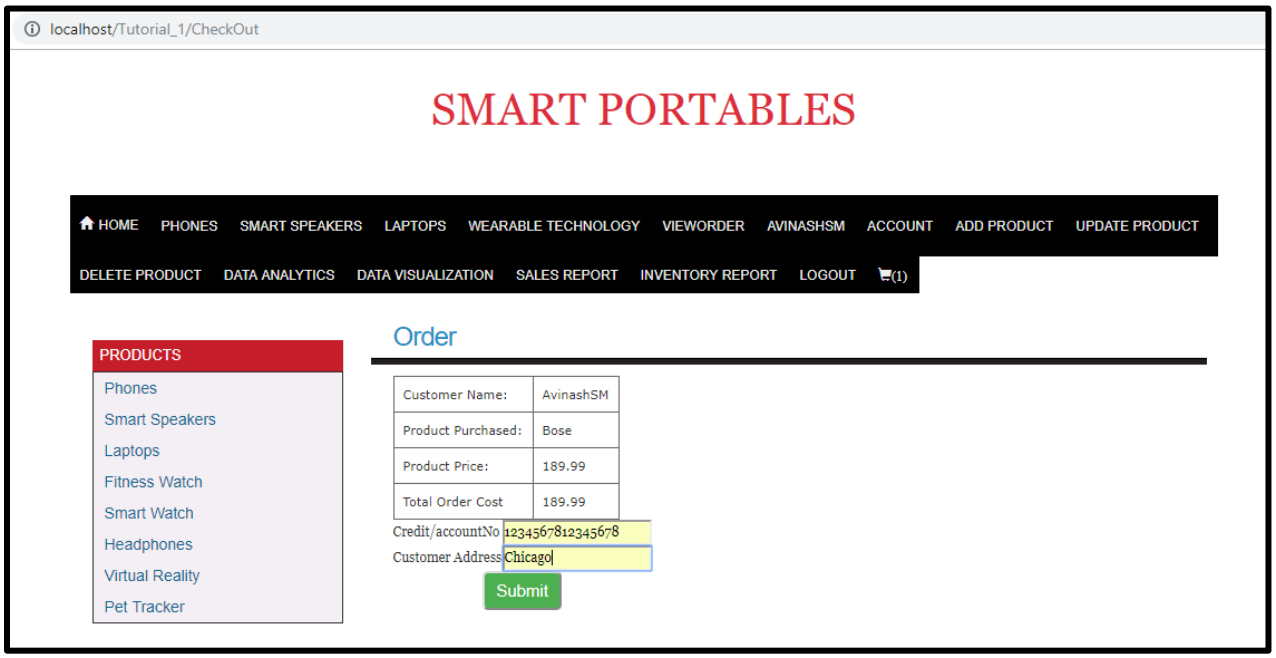


Date Wise Sales of Products:



Placing an order and checking the functionality of the above implementation:





localhost/Tutorial_1/Payment

SMART PORTABLES

HOME | PHONES | SMART SPEAKERS | LAPTOPS | WEARABLE TECHNOLOGY | VIEWORDER | AVINASHSM | ACCOUNT | ADD PRODUCT | UPDATE PRODUCT | DELETE PRODUCT | DATA ANALYTICS | DATA VISUALIZATION | SALES REPORT | INVENTORY REPORT | LOGOUT | (0)

PRODUCTS

- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

Order

Your Order is stored
Your Order No is 13

Query 1

```
select * from product_accessories;

select * from Registration;

DELETE FROM customerorders;

select * from customerorders;
```

Result Grid

OrderId	UserName	OrderName	OrderPrice	userAddress	creditCardNo	deliverydate
9	AvinashSM	SamsungS7	299.99	Chicago	1234567812345678	11/06/2018
11	AvinashSM	Dell13500	499.99	Chicago	1234567812345678	11/06/2018
11	AvinashSM	SamsungS7	299.99	Chicago	1234567812345678	11/06/2018
12	AvinashSM	Bose360	299.99	Chicago	1234567812345678	11/08/2018
13	AvinashSM	Bose	189.99	Chicago	1234567812345678	11/08/2018
NULL	NULL	NULL	NULL	NULL	NULL	NULL

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	15:12:55	use smartdatabase	0 row(s) affected	0.000 sec
2	18:41:08	select * from customerorders LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec

localhost/Tutorial_1/Account

	7.	AvinashSM	AkutiTracker	Price: 189.99		CancelOrder
	8.	AvinashSM	Ram8GB	Price: 59.99		CancelOrder
	8.	AvinashSM	TicwatchSKinght	Price: 299.99		CancelOrder
	8.	AvinashSM	TNSO	Price: 299.99		CancelOrder
	9.	AvinashSM	SamsungS7	Price: 299.99		CancelOrder
	11.	AvinashSM	Dell13500	Price: 499.99		CancelOrder
	11.	AvinashSM	SamsungS7	Price: 299.99		CancelOrder
	12.	AvinashSM	Bose360	Price: 299.99		CancelOrder
	13.	AvinashSM	Bose	Price: 189.99		CancelOrder

After Placing an order, the corresponding items sold has been updated:

localhost/Tutorial_1/SalesReport?button=ProductAvailability

HOME PHONES SMART SPEAKERS LAPTOPS WEARABLE TECHNOLOGY VIEWORDER AVINASHSM ACCOUNT ADD PRODUCT UPDATE PRODUCT DELETE PRODUCT DATA ANALYTICS DATA VISUALIZATION SALES REPORT INVENTORY REPORT LOGOUT (0)

PRODUCTS
- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

TOP TRENDS
- Trending

Products Sold

Product Name	Product Price	Items Sold	Total Sales
TicwatchSKinght	$299.99	2	$599.98
Ram8GB	$59.99	1	$59.99
Bose35	$189.99	1	$189.99
ASUSC320	$299.99	1	$299.99
OculusGo	$189.99	2	$379.98
SPHP	$299.99	1	$299.99
HuaweiP20	$189.99	1	$189.99
AcerE15	$189.99	1	$189.99
AkutiTracker	$189.99	1	$189.99
Bose	$189.99	2	$379.98
Bose360	$299.99	1	$299.99
SamsungS7	$299.99	3	$899.97
TNSO	$299.99	1	$299.99
Dell13500	$499.99	1	$499.99

localhost/Tutorial_1/SalesReport?button=GraphicalView

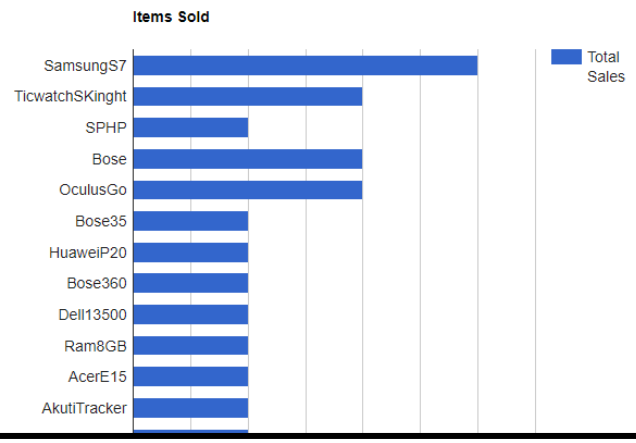
HOME | PHONES | SMART SPEAKERS | LAPTOPS | WEARABLE TECHNOLOGY | VIEWORDER | AVINASHSM | ACCOUNT | ADD PRODUCT | UPDATE PRODUCT | DELETE PRODUCT | DATA ANALYTICS | DATA VISUALIZATION | SALES REPORT | INVENTORY REPORT | LOGOUT | (0)

PRODUCTS
- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

TOP TRENDS
- Trending

HELPFUL WEBSITES
- Google
- Facebook
- Amazon

Graphical View Of Products Sold



localhost/Tutorial_1/SalesReport?button=SalesByDate

SMART PORTABLES

HOME | PHONES | SMART SPEAKERS | LAPTOPS | WEARABLE TECHNOLOGY | VIEWORDER | AVINASHSM | ACCOUNT | ADD PRODUCT | UPDATE PRODUCT | DELETE PRODUCT | DATA ANALYTICS | DATA VISUALIZATION | SALES REPORT | INVENTORY REPORT | LOGOUT | (0)

PRODUCTS
- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

Sales Report By Date

Date	Total Sales
10/22/2018	$2339.9
10/23/2018	$1949.93
10/25/2018	$489.98

localhost/Tutorial_1/InventoryReport?button=ProductsInventory

HOME PHONES SMART SPEAKERS LAPTOPS WEARABLE TECHNOLOGY VIEWORDER AVINASHSM ACCOUNT ADD PRODUCT UPDATE PRODUCT DELETE PRODUCT DATA ANALYTICS DATA VISUALIZATION SALES REPORT INVENTORY REPORT LOGOUT (0)

PRODUCTS
- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

TOP TRENDS
- Trending

Products Inventory

Product Name	Price	Quantity
SpyMini	$299.99	100.0
LenovoN3350	$299.99	100.0
SPHP	$299.99	99.0
KEEPONFITTracker	$299.99	100.0
Bose360	$299.99	99.0
Whistle3	$299.99	100.0
AILIHEN160	$189.99	100.0
3GTracker	$189.99	100.0
ScreenProtector	$12.99	100.0
SonyMDRZX110	$299.99	100.0
AcerR13	$189.99	100.0
LETSCOMTracker	$299.99	100.0
Nokia6.1	$299.99	100.0
SonosPlay	$189.99	100.0
GarminTracker	$299.99	100.0
HuaweiP20	$189.99	99.0
VeeROasis	$299.99	100.0

localhost/Tutorial_1/InventoryReport?button=ProductsInventory

Findster	$189.99	100.0
ASUSC320	$299.99	99.0
Bose35	$189.99	99.0
ANKER	$189.99	100.0
GPSPetTracker	$299.99	100.0
Pansonite3D	$299.99	100.0
Garmin5Plus	$299.99	100.0
Bose	$189.99	98.0
UltimateEars	$299.99	100.0

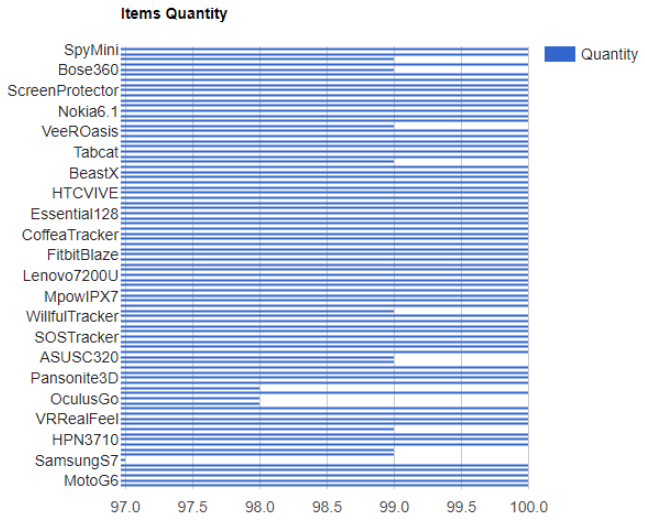
localhost/Tutorial_1/InventoryReport?button=GraphicalView

PRODUCTS
- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

TOP TRENDS
- Trending

HELPFUL WEBSITES
- Google
- Facebook
- Amazon
- Walmart
- Best Buy
- Target

Graphical View Of Products Quantity



localhost/Tutorial_1/InventoryReport?button=AllProductsOnSale

HOME | PHONES | SMART SPEAKERS | LAPTOPS | WEARABLE TECHNOLOGY | VIEWORDER | AVINASHSM | ACCOUNT | ADD PRODUCT | UPDATE PRODUCT | DELETE PRODUCT | DATA ANALYTICS | DATA VISUALIZATION | SALES REPORT | INVENTORY REPORT | LOGOUT | (0)

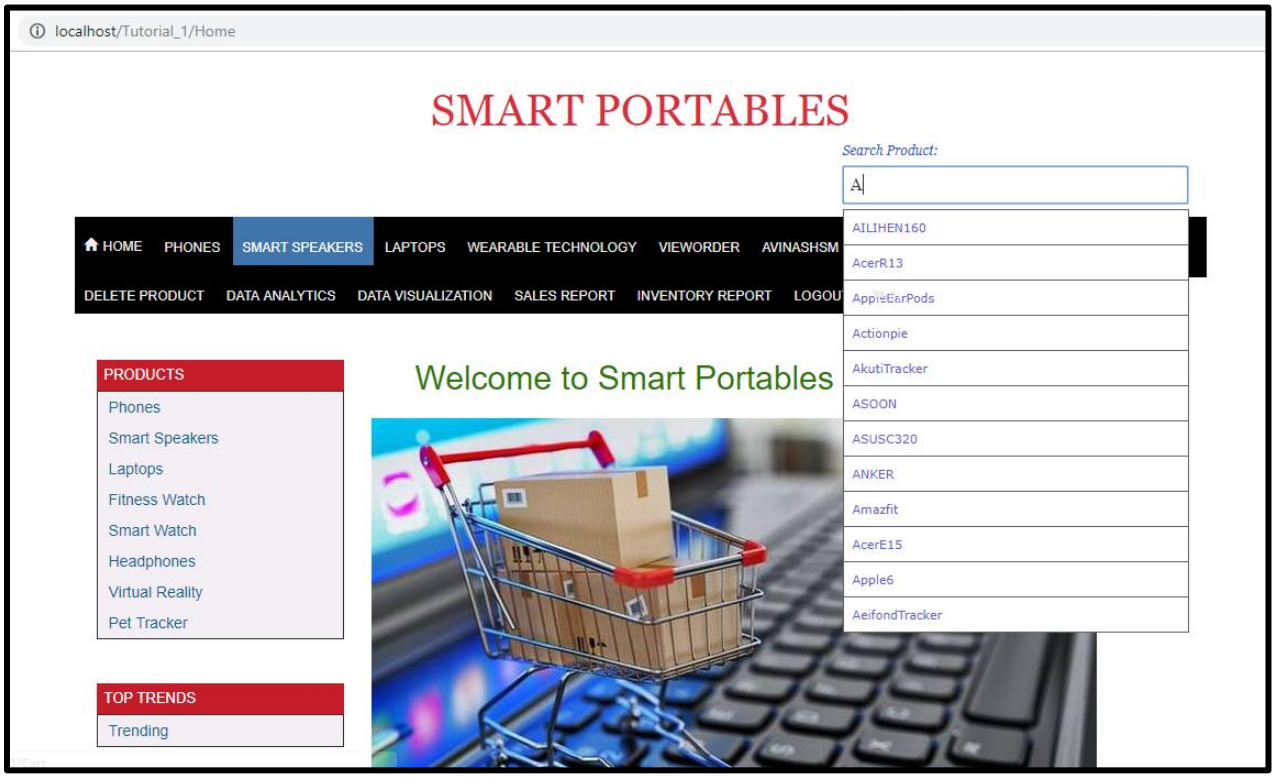
PRODUCTS
- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

TOP TRENDS
- Trending

Products On Sale

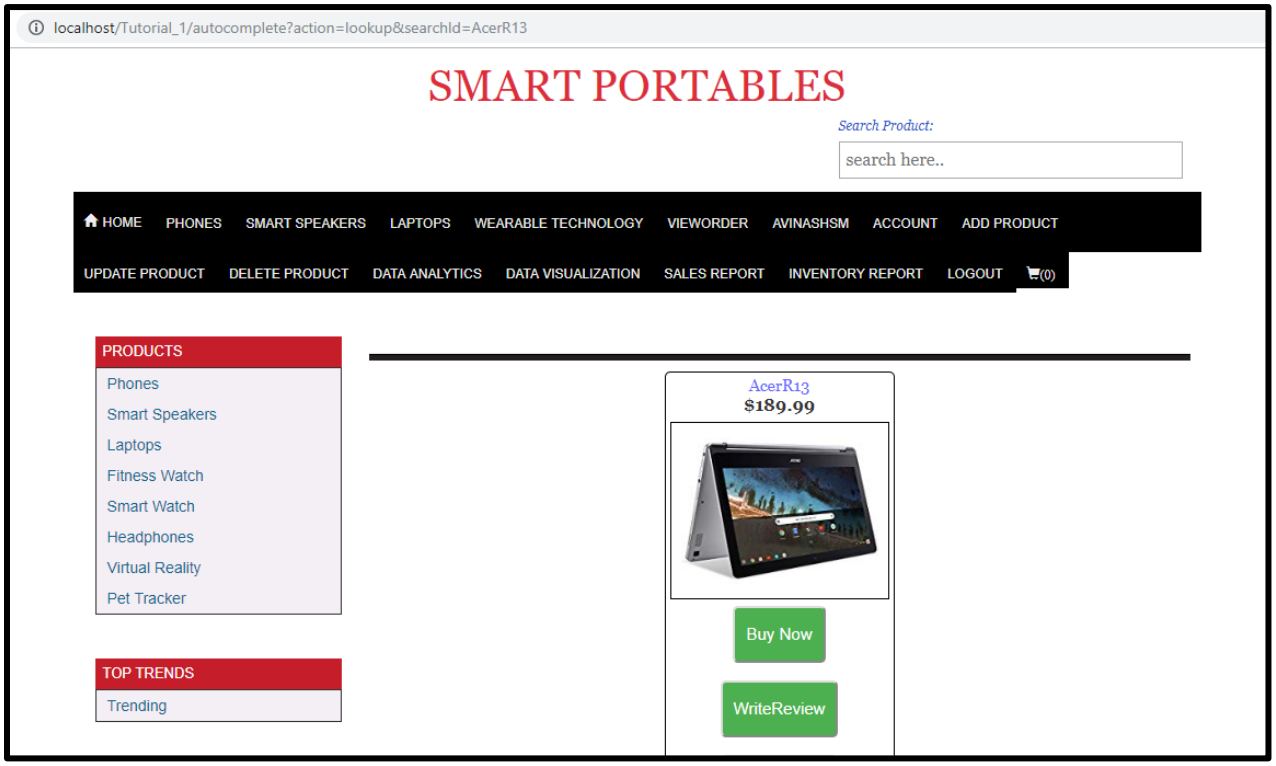
Product Name	Price	Quantity	Discount	Manufacturer Rebate
SpyMini	$299.99	100.0	15.0	No
LenovoN3350	$299.99	100.0	15.0	No
SPHP	$299.99	99.0	15.0	No
KEEPONFITTracker	$299.99	100.0	15.0	No
Bose360	$299.99	99.0	15.0	No
Whistle3	$299.99	100.0	15.0	No
AILIHEN160	$189.99	100.0	20.0	No
3GTracker	$189.99	100.0	40.0	No
ScreenProtector	$12.99	100.0	40.0	No
SonyMDRZX110	$299.99	100.0	15.0	No
AcerR13	$189.99	100.0	20.0	No
LETSCOMTracker	$299.99	100.0	15.0	No
Nokia6.1	$299.99	100.0	15.0	No
SonosPlay	$189.99	100.0	20.0	No
GarminTracker	$299.99	100.0	15.0	No
HuaweiP20	$189.99	99.0	40.0	No
VeeROasis	$299.99	100.0	15.0	No

Ajax Feature Screenshots:

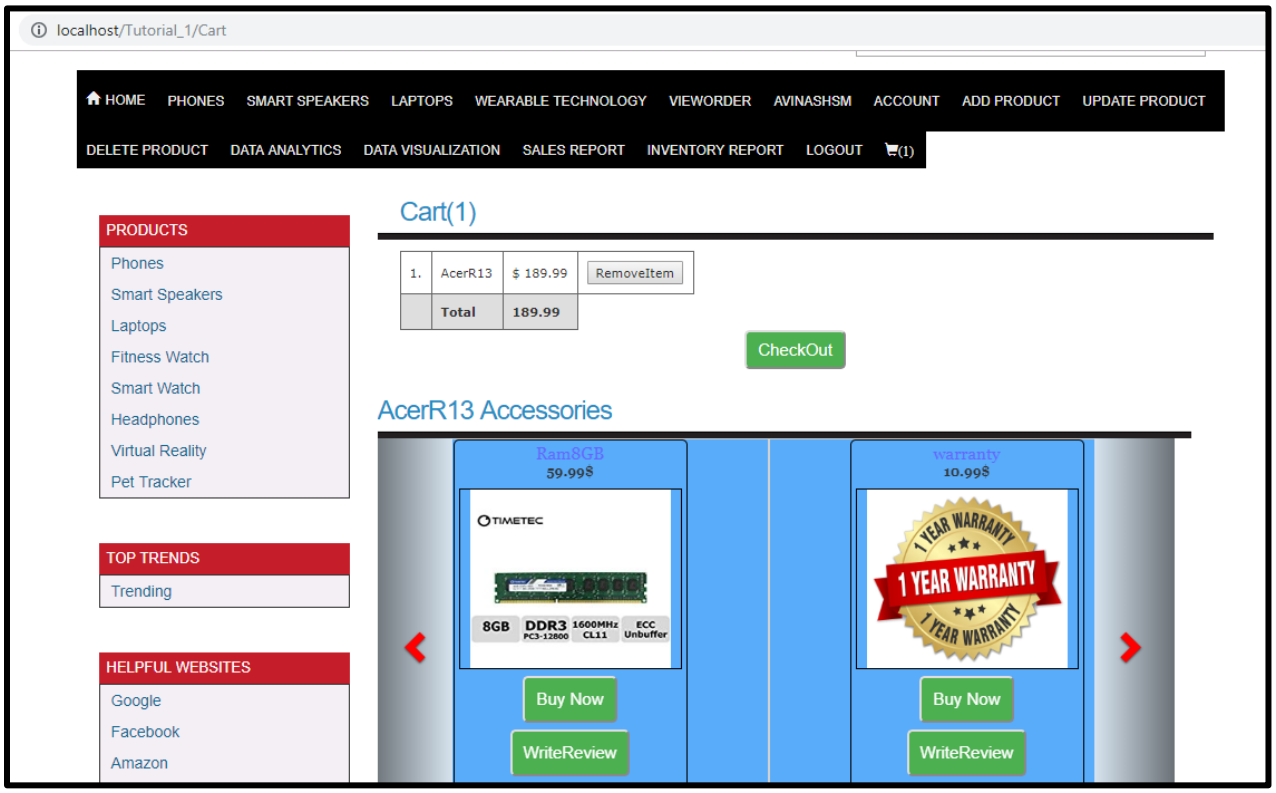


localhost/Tutorial_1/Home
SMART PORTABLES
Search Product:
Ace
AcerR13
AcerE15
HOME
PHONES
SMART SPEAKERS
LAPTOPS
WEARABLE TECHNOLOGY
VIEWORDER
AVINASHSM
DELETE PRODUCT
DATA ANALYTICS
DATA VISUALIZATION
SALES REPORT
INVENTORY REPORT
LOGOUT
(0)
PRODUCTS
Phones
Smart Speakers
Laptops
Fitness Watch
Smart Watch
Headphones
Virtual Reality
Pet Tracker
TOP TRENDS
Trending
Welcome to Smart Portables

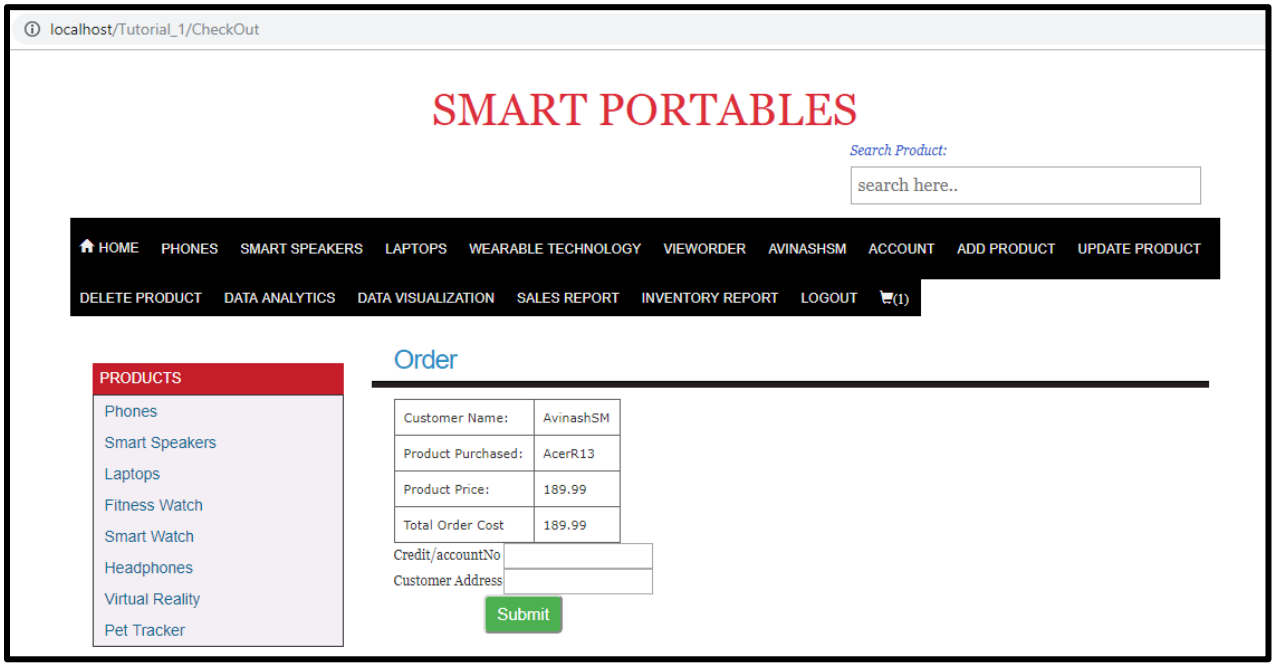
When AcerR13 is selected it gets redirected to the ProductData.java file and displays the details of the product selected:



Once Buy Now is clicked:



On click of checkout:



localhost/Tutorial_1/CheckOut

SMART PORTABLES

Search Product:

search here..

HOME PHONES SMART SPEAKERS LAPTOPS WEARABLE TECHNOLOGY VIEWORDER AVINASHSM ACCOUNT ADD PRODUCT UPDATE PRODUCT DELETE PRODUCT DATA ANALYTICS DATA VISUALIZATION SALES REPORT INVENTORY REPORT LOGOUT (1)

PRODUCTS
- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

Order

Customer Name:	AvinashSM
Product Purchased:	AcerR13
Product Price:	189.99
Total Order Cost	189.99
Credit/accountNo	1234567812345678
Customer Address	Chicago

Submit

localhost/Tutorial_1/Payment

SMART PORTABLES

Search Product:

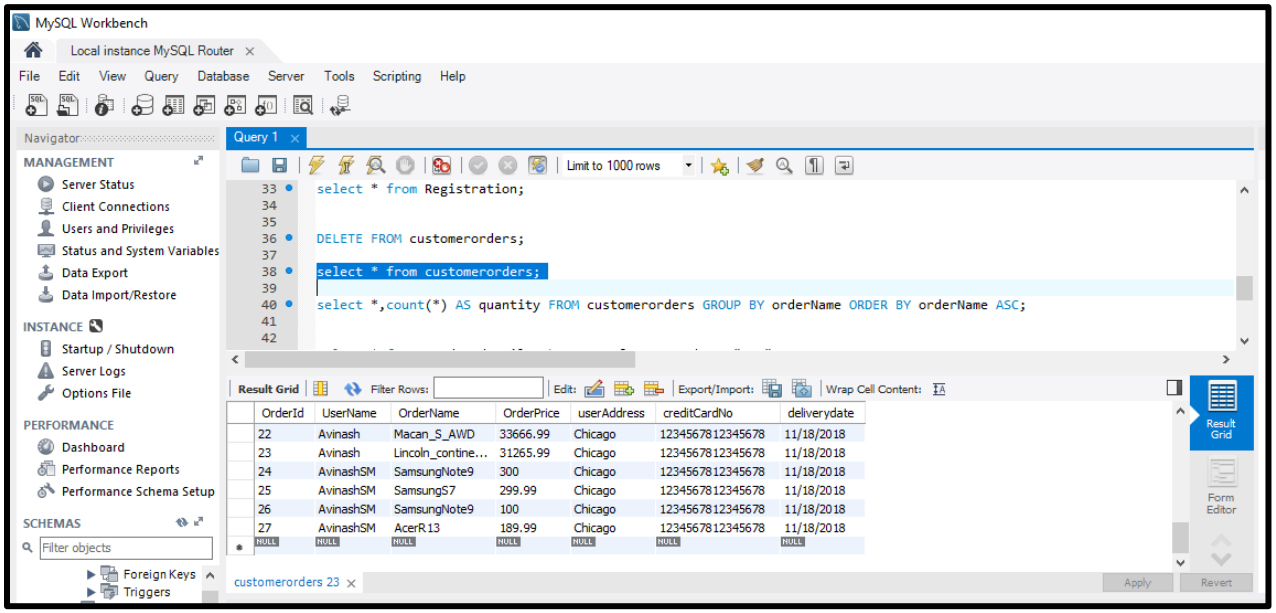
search here..

HOME PHONES SMART SPEAKERS LAPTOPS WEARABLE TECHNOLOGY VIEWORDER AVINASHSM ACCOUNT ADD PRODUCT UPDATE PRODUCT DELETE PRODUCT DATA ANALYTICS DATA VISUALIZATION SALES REPORT INVENTORY REPORT LOGOUT (0)

PRODUCTS
- Phones
- Smart Speakers
- Laptops
- Fitness Watch
- Smart Watch
- Headphones
- Virtual Reality
- Pet Tracker

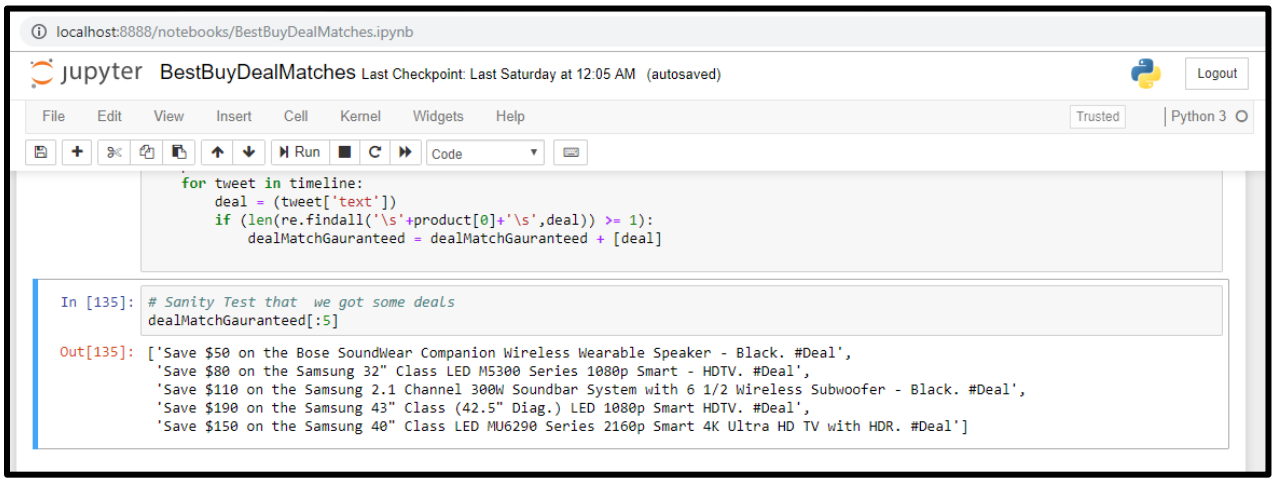
Order

Your Order is stored
Your Order No is 27



Deal Matches:

Twitter best buy deal matches based on the product id in the MySql database:

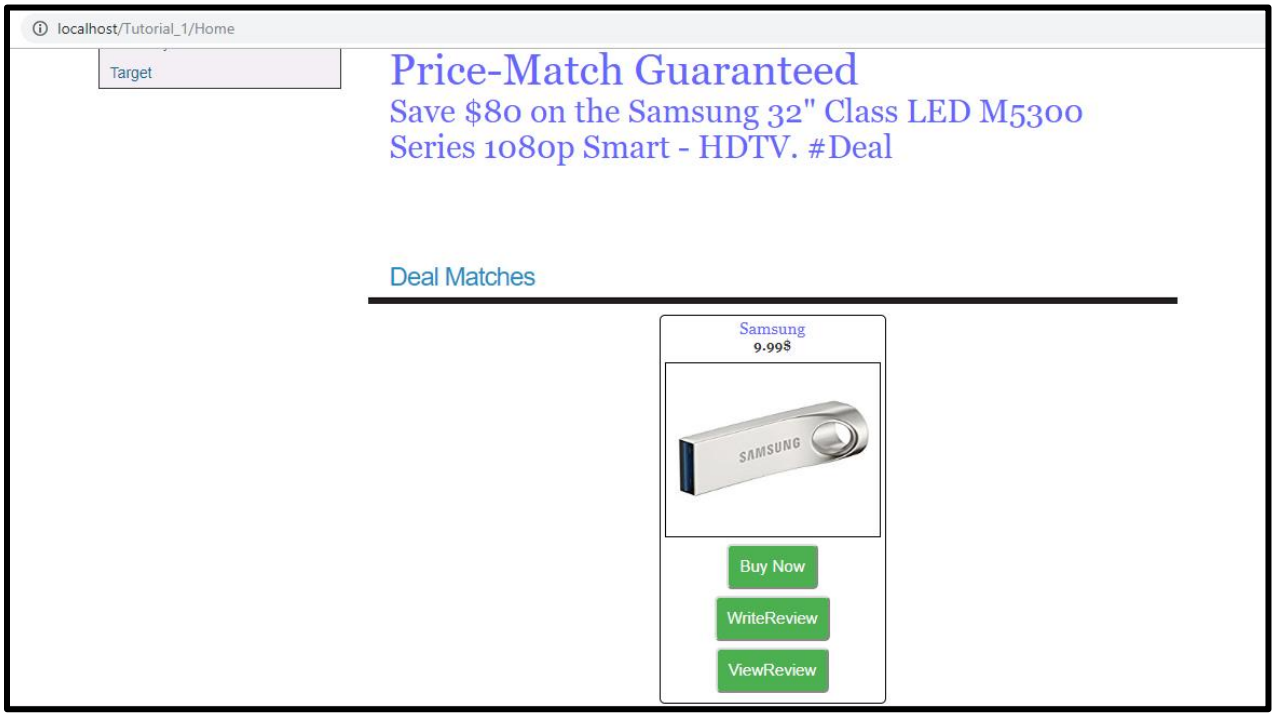


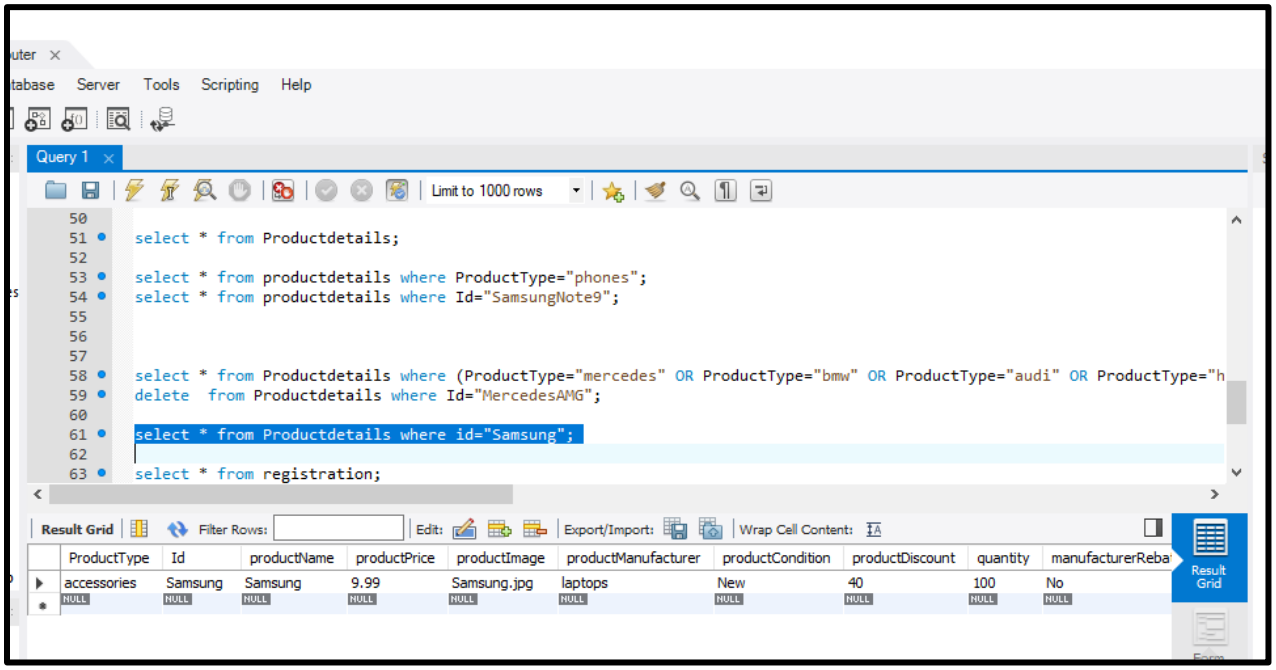
Dealmatches.txt file:

DealMatches.txt - Notepad

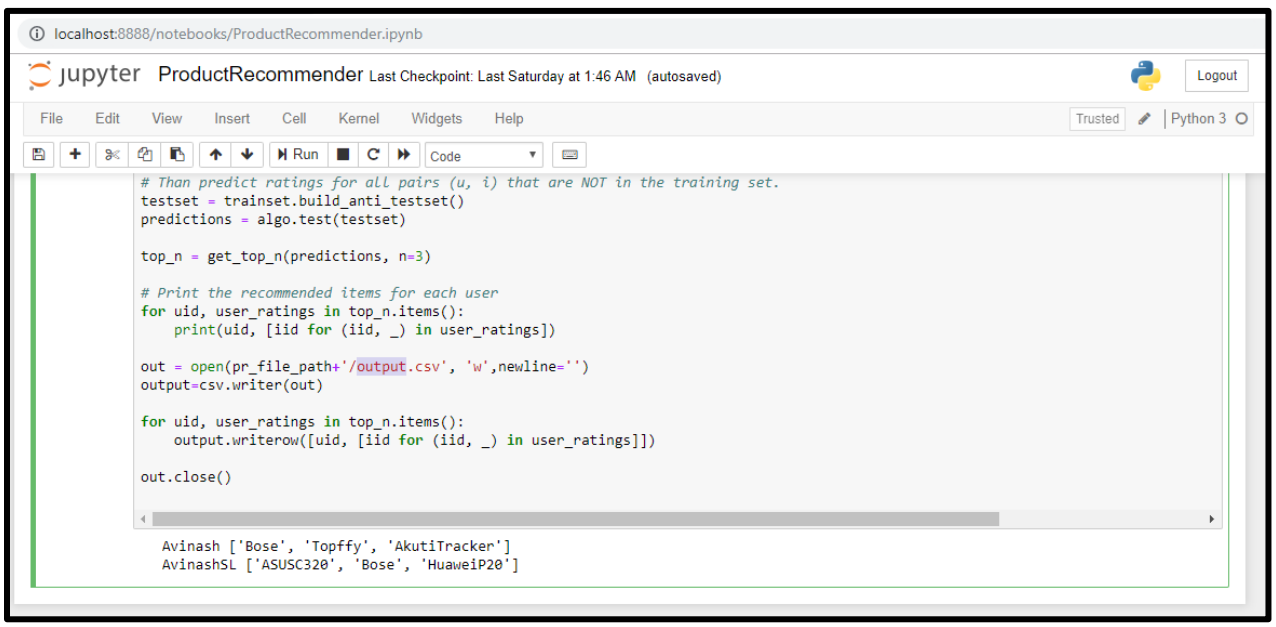
File Edit Format View Help

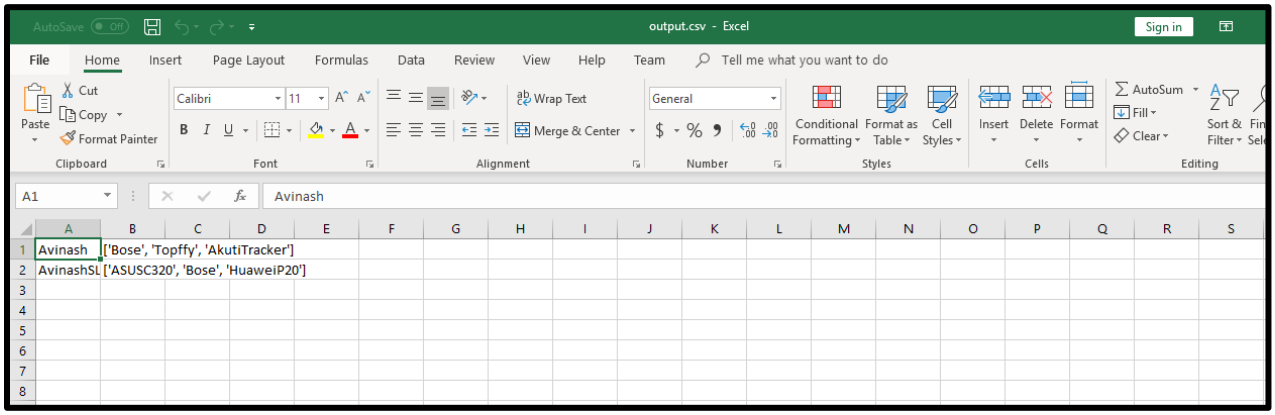
```
Save $50 on the Bose SoundWear Companion Wireless Wearable Speaker - Black. #Deal
Save $80 on the Samsung 32" Class LED M5300 Series 1080p Smart - HDTV. #Deal
Save $110 on the Samsung 2.1 Channel 300W Soundbar System with 6 1/2 Wireless Subwoofer - Black. #Deal
Save $190 on the Samsung 43" Class (42.5" Diag.) LED 1080p Smart HDTV. #Deal
Save $150 on the Samsung 40" Class LED MU6290 Series 2160p Smart 4K Ultra HD TV with HDR. #Deal
Save $130 on the Samsung Pro 2 in 1 12.3" Touch Screen Chromebook Intel Core m3 4GB Memory 32GB eMMC Flash Memory - Metallic Black. #Deal
Save $300 on the Samsung 49" Class LED MU8000 Series 2160p Smart 4K UHD TV with HDR. #Deal
Save $130 on the Samsung Pro 2in1 12.3" TouchScreen Chromebook Intel Core m3 4GB Memory 32GB eMMC Flash Memory - Metallic Black. #Deal
RT @BestBuy: Did you know that you can get extra rewards when you use your My Best Buy Credit Card to buy a Samsung TV? https://t.co/EmLcqS…
Save $300 on the Samsung 3.1.2 Channel Soundbar with Wireless Subwoofer and Dolby Atmos technology - Black. #Deal
Save $120 on the Samsung Radiant360 R1 Speaker - Black. #Deal
Save $30 on the Samsung Galaxy Tab A 8.0" 32GB - Black. #Deal
Save $500 on the Samsung 65" Class LED Q6F Series 2160p Smart 4K UHD TV with HDR. #Deal
Save $700 on the Samsung 75" Class LED Q6F Series 2160p Smart 4K UHD TV with HDR. #Deal
Save $50 on the Samsung Galaxy Tab E 9.6" 16GB - Black. #Deal
Save $300 on the Samsung 49" Class LED NU8000 Series 2160p Smart 4K UHD TV with HDR. #Deal https://t.co/EPlJo1UiDY
Save $700 on the Samsung 75" Class LED Q6F Series 2160p Smart 4K UHD TV with HDR. #Deal https://t.co/EPlJo1UiDY
Save $100 on the Samsung Galaxy Tab S2 9.7" 32GB Black. #Deal https://t.co/EPlJo2bTvw
Save $400 on the Samsung 65" Class LED Q8F Series 2160p Smart 4K UHD TV with HDR. #Deal https://t.co/EPlJo2bTvw
Save $80 on the Samsung Galaxy Tab A 10.1 16GB - Black. #Deal https://t.co/EPlJo1UiDY
```

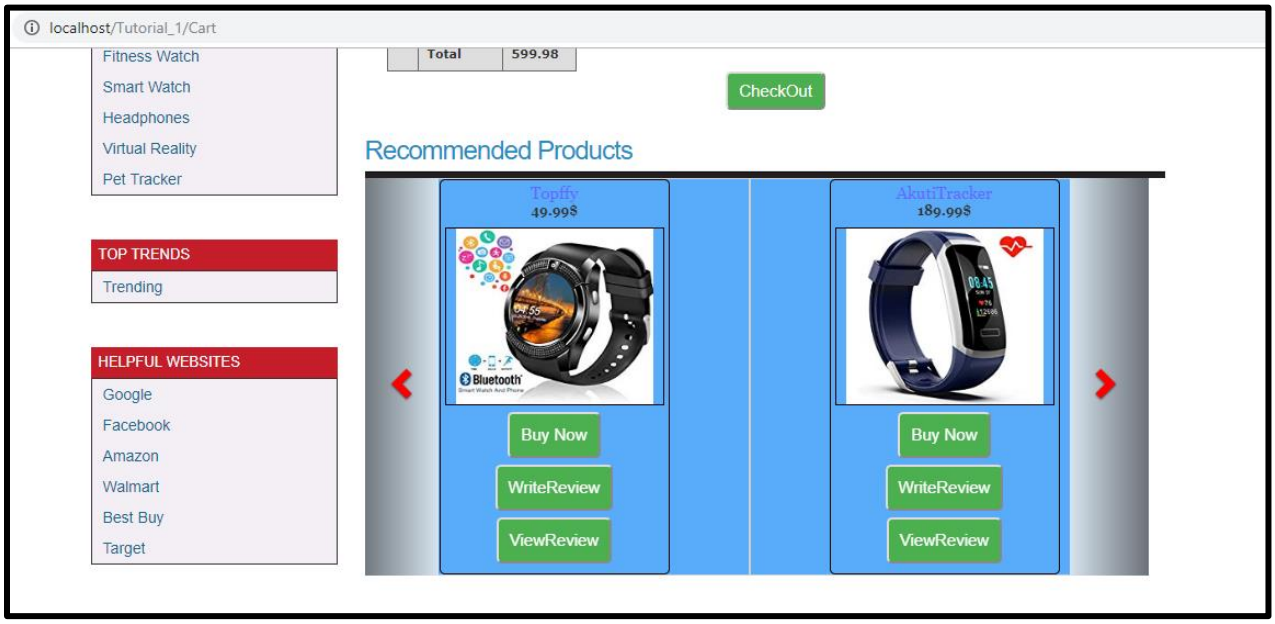


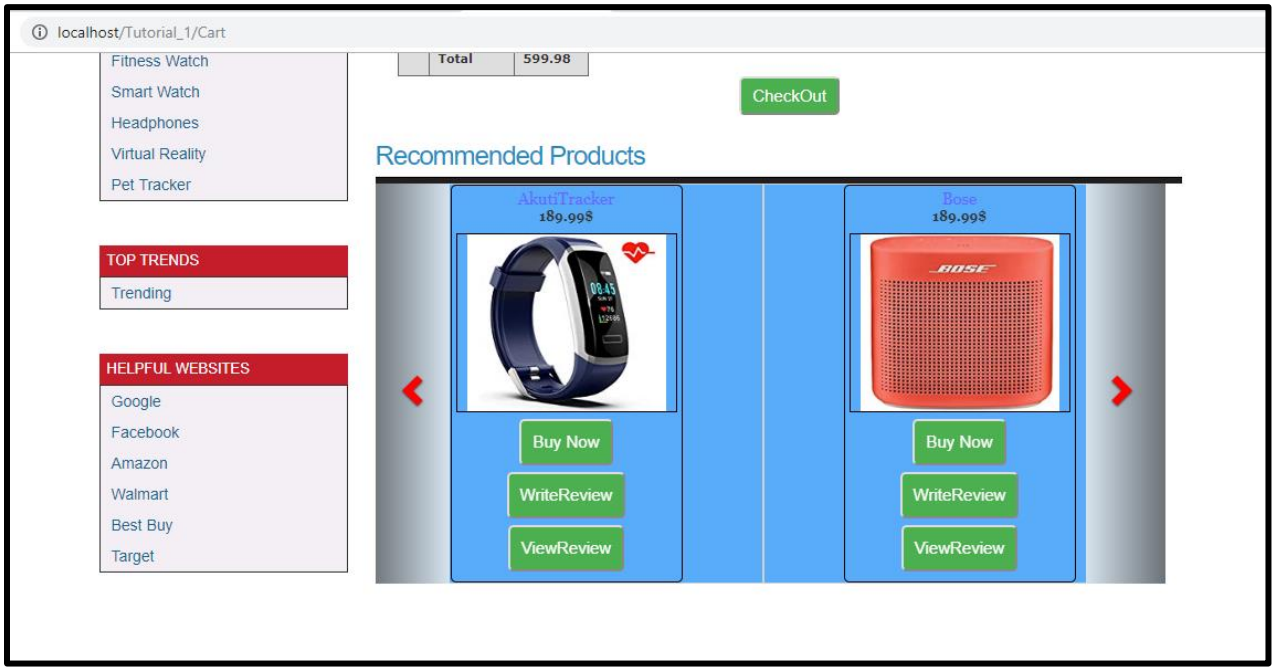


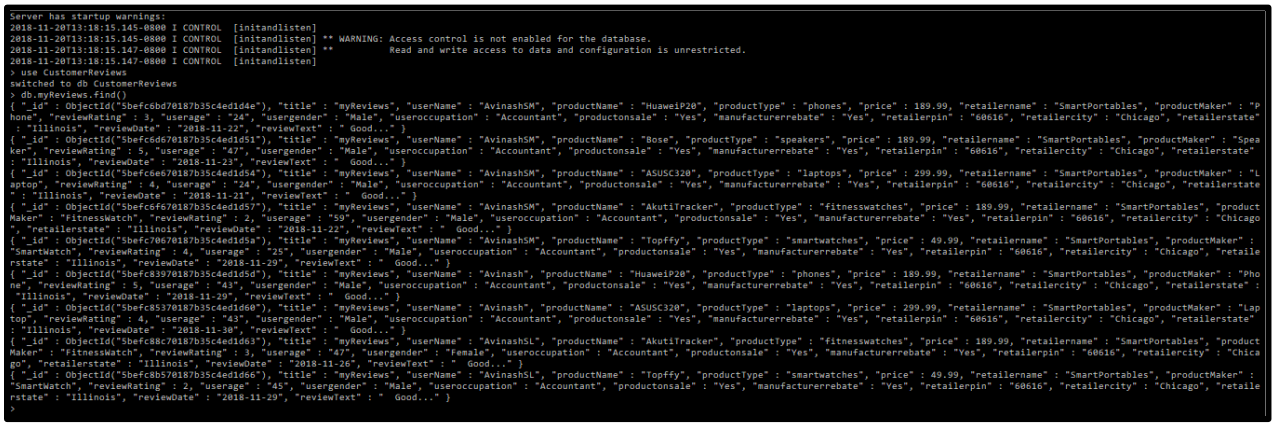
Product recommendations:




output.csv - Excel
Avinash
['Bose', 'Topffy', 'AkutiTracker']
AvinashSL ['ASUSC320', 'Bose', 'HuaweiP20']


localhost/Tutorial_1/Cart
Fitness Watch
Smart Watch
Headphones
Virtual Reality
Pet Tracker
TOP TRENDS
Trending
HELPFUL WEBSITES
Google
Facebook
Amazon
Walmart
Best Buy
Target
Total
599.98
CheckOut
Recommended Products
Topffy
49.99$
AkutiTracker
189.99$
Buy Now
WriteReview
ViewReview
Buy Now
WriteReview
ViewReview





```
Server has startup warnings:
2018-11-20T13:18:15.145-0800 I CONTROL  [initandlisten]
2018-11-20T13:18:15.145-0800 I CONTROL  [initandlisten] ** WARNING: Access control is not enabled for the database.
2018-11-20T13:18:15.147-0800 I CONTROL  [initandlisten] **          Read and write access to data and configuration is unrestricted.
2018-11-20T13:18:15.147-0800 I CONTROL  [initandlisten]
> use CustomerReviews
switched to db CustomerReviews
> db.myReviews.find()
{ "_id" : ObjectId("5befc6bd70187b35c4ed1d4e"), "title" : "myReviews", "userName" : "AvinashSM", "productName" : "HuaweiP20", "productType" : "phones", "price" : 189.99, "retailername" : "SmartPortables", "productMaker" : "P
hone", "reviewRating" : 3, "userage" : "24", "usergender" : "Male", "useroccupation" : "Accountant", "productonsale" : "Yes", "manufacturerrebate" : "Yes", "retailerpin" : "60616", "retailercity" : "Chicago", "retailerstate"
 : "Illinois", "reviewDate" : "2018-11-22", "reviewText" : " Good..." }
{ "_id" : ObjectId("5befc6d670187b35c4ed1d51"), "title" : "myReviews", "userName" : "AvinashSM", "productName" : "Bose", "productType" : "speakers", "price" : 189.99, "retailername" : "SmartPortables", "productMaker" : "Spea
ker", "reviewRating" : 5, "userage" : "47", "usergender" : "Male", "useroccupation" : "Accountant", "productonsale" : "Yes", "manufacturerrebate" : "Yes", "retailerpin" : "60616", "retailercity" : "Chicago", "retailerstate"
: "Illinois", "reviewDate" : "2018-11-23", "reviewText" : "  Good..." }
{ "_id" : ObjectId("5befc6ee70187b35c4ed1d54"), "title" : "myReviews", "userName" : "AvinashSM", "productName" : "ASUSC320", "productType" : "laptops", "price" : 299.99, "retailername" : "SmartPortables", "productMaker" : "L
aptop", "reviewRating" : 4, "userage" : "24", "usergender" : "Male", "useroccupation" : "Accountant", "productonsale" : "Yes", "manufacturerrebate" : "Yes", "retailerpin" : "60616", "retailercity" : "Chicago", "retailerstate
" : "Illinois", "reviewDate" : "2018-11-21", "reviewText" : "  Good..." }
{ "_id" : ObjectId("5befc6f670187b35c4ed1d57"), "title" : "myReviews", "userName" : "AvinashSM", "productName" : "AkutiTracker", "productType" : "fitnesswatches", "price" : 189.99, "retailername" : "SmartPortables", "product
Maker" : "FitnessWatch", "reviewRating" : 2, "userage" : "59", "usergender" : "Male", "useroccupation" : "Accountant", "productonsale" : "Yes", "manufacturerrebate" : "Yes", "retailerpin" : "60616", "retailercity" : "Chicago
", "retailerstate" : "Illinois", "reviewDate" : "2018-11-22", "reviewText" : "  Good..." }
{ "_id" : ObjectId("5befc70670187b35c4ed1d5a"), "title" : "myReviews", "userName" : "AvinashSM", "productName" : "Topffy", "productType" : "smartwatches", "price" : 49.99, "retailername" : "SmartPortables", "productMaker" :
"SmartWatch", "reviewRating" : 4, "userage" : "25", "usergender" : "Male", "useroccupation" : "Accountant", "productonsale" : "Yes", "manufacturerrebate" : "Yes", "retailerpin" : "60616", "retailercity" : "Chicago", "retaile
rstate" : "Illinois", "reviewDate" : "2018-11-29", "reviewText" : "  Good..." }
{ "_id" : ObjectId("5befc83970187b35c4ed1d5d"), "title" : "myReviews", "userName" : "Avinash", "productName" : "HuaweiP20", "productType" : "phones", "price" : 189.99, "retailername" : "SmartPortables", "productMaker" : "Pho
ne", "reviewRating" : 5, "userage" : "43", "usergender" : "Male", "useroccupation" : "Accountant", "productonsale" : "Yes", "manufacturerrebate" : "Yes", "retailerpin" : "60616", "retailercity" : "Chicago", "retailerstate" :
 "Illinois", "reviewDate" : "2018-11-29", "reviewText" : "  Good..." }
{ "_id" : ObjectId("5befc85370187b35c4ed1d60"), "title" : "myReviews", "userName" : "Avinash", "productName" : "ASUSC320", "productType" : "laptops", "price" : 299.99, "retailername" : "SmartPortables", "productMaker" : "Lap
top", "reviewRating" : 4, "userage" : "43", "usergender" : "Male", "useroccupation" : "Accountant", "productonsale" : "Yes", "manufacturerrebate" : "Yes", "retailerpin" : "60616", "retailercity" : "Chicago", "retailerstate"
: "Illinois", "reviewDate" : "2018-11-30", "reviewText" : "  Good..." }
{ "_id" : ObjectId("5befc88c70187b35c4ed1d63"), "title" : "myReviews", "userName" : "AvinashSL", "productName" : "AkutiTracker", "productType" : "fitnesswatches", "price" : 189.99, "retailername" : "SmartPortables", "product
Maker" : "FitnessWatch", "reviewRating" : 3, "userage" : "47", "usergender" : "Female", "useroccupation" : "Accountant", "productonsale" : "Yes", "manufacturerrebate" : "Yes", "retailerpin" : "60616", "retailercity" : "Chica
go", "retailerstate" : "Illinois", "reviewDate" : "2018-11-26", "reviewText" : "  Good..." }
{ "_id" : ObjectId("5befc8b570187b35c4ed1d66"), "title" : "myReviews", "userName" : "AvinashSL", "productName" : "Topffy", "productType" : "smartwatches", "price" : 49.99, "retailername" : "SmartPortables", "productMaker" :
"SmartWatch", "reviewRating" : 2, "userage" : "45", "usergender" : "Male", "useroccupation" : "Accountant", "productonsale" : "Yes", "manufacturerrebate" : "Yes", "retailerpin" : "60616", "retailercity" : "Chicago", "retaile
rstate" : "Illinois", "reviewDate" : "2018-11-29", "reviewText" : "  Good..." }
>
```