

# CS-584: Enterprise Web Application

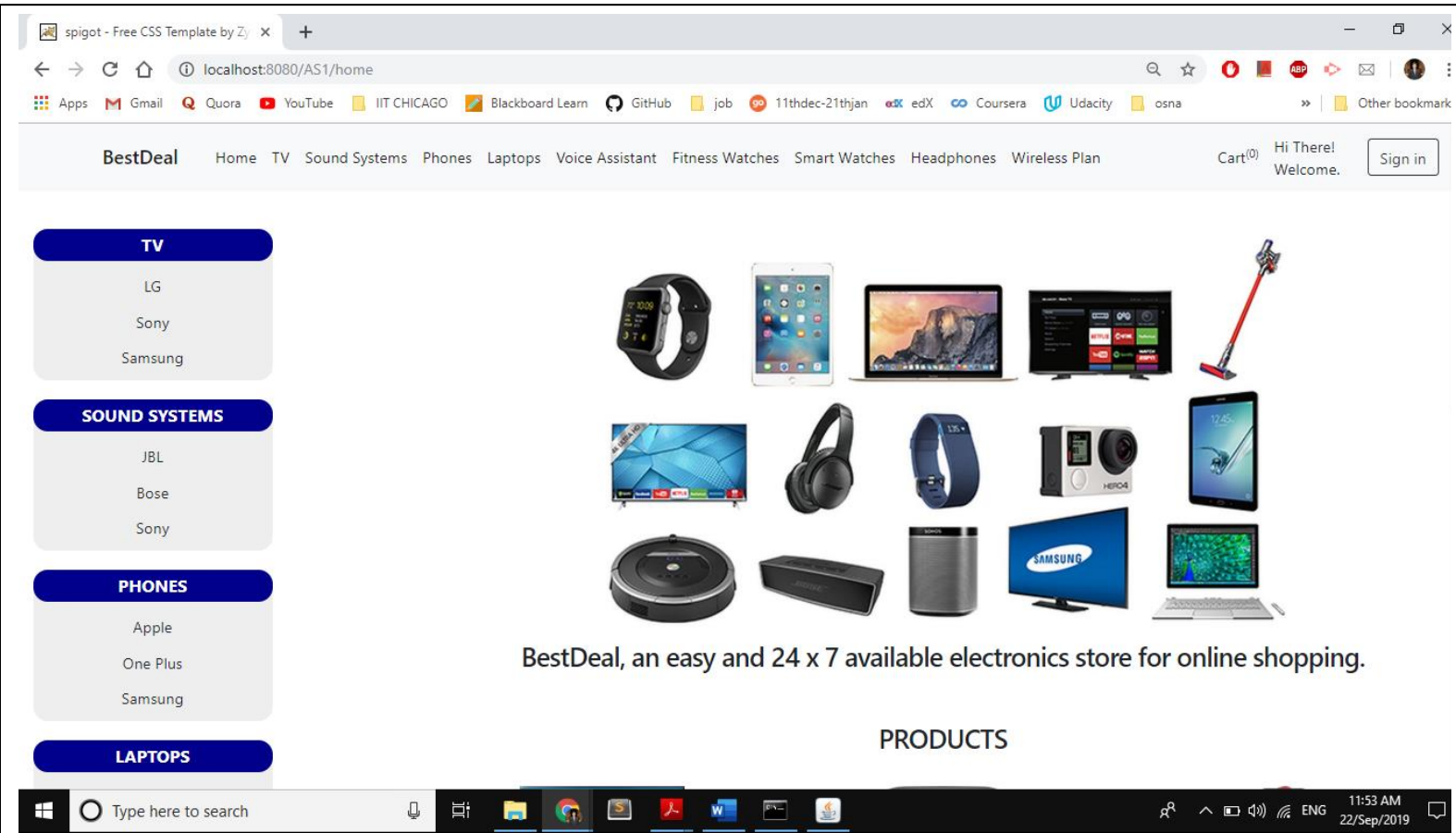
## Assignment-1

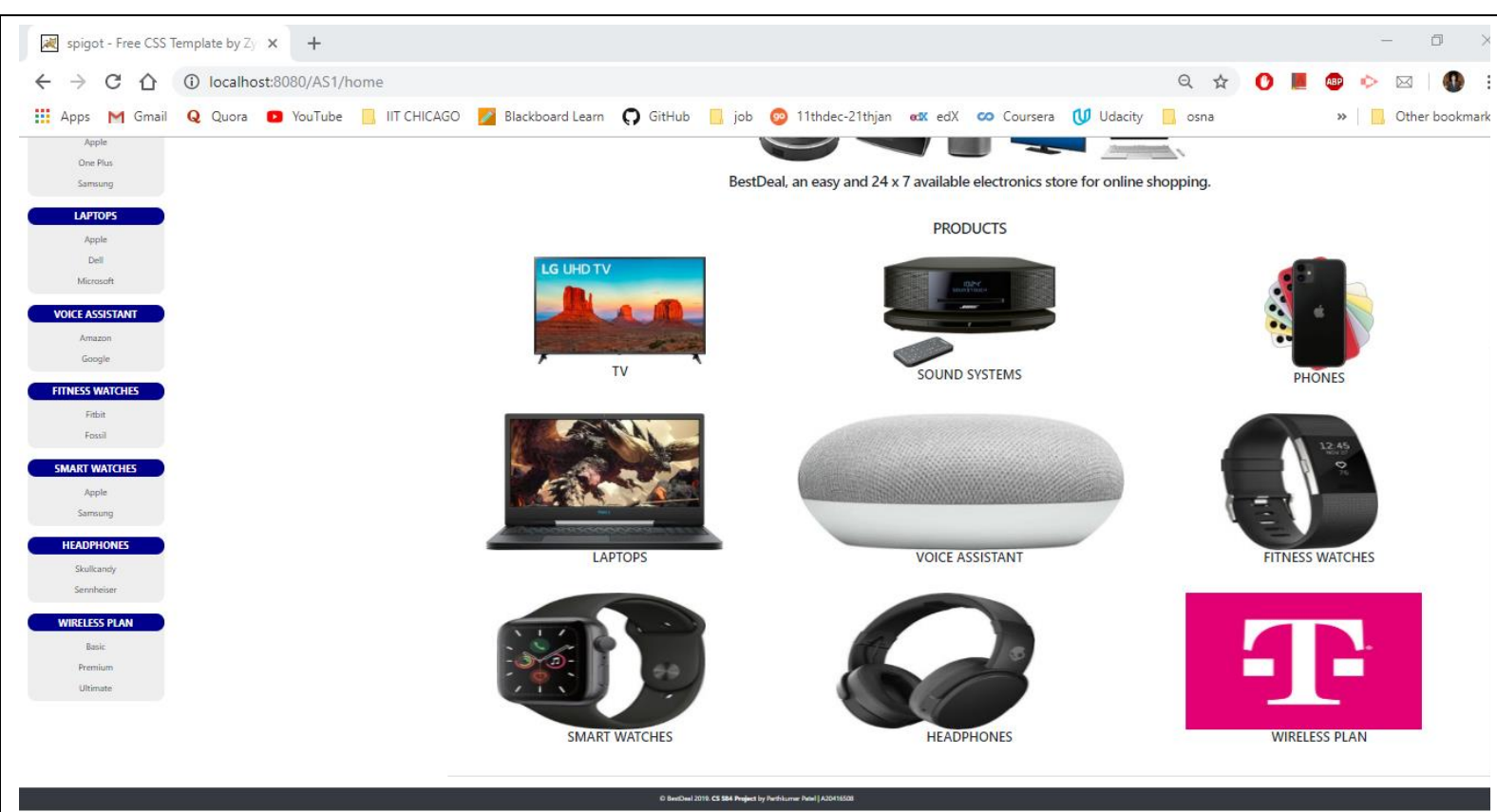
Name: Parthkumar Patel

CWID: A20416508

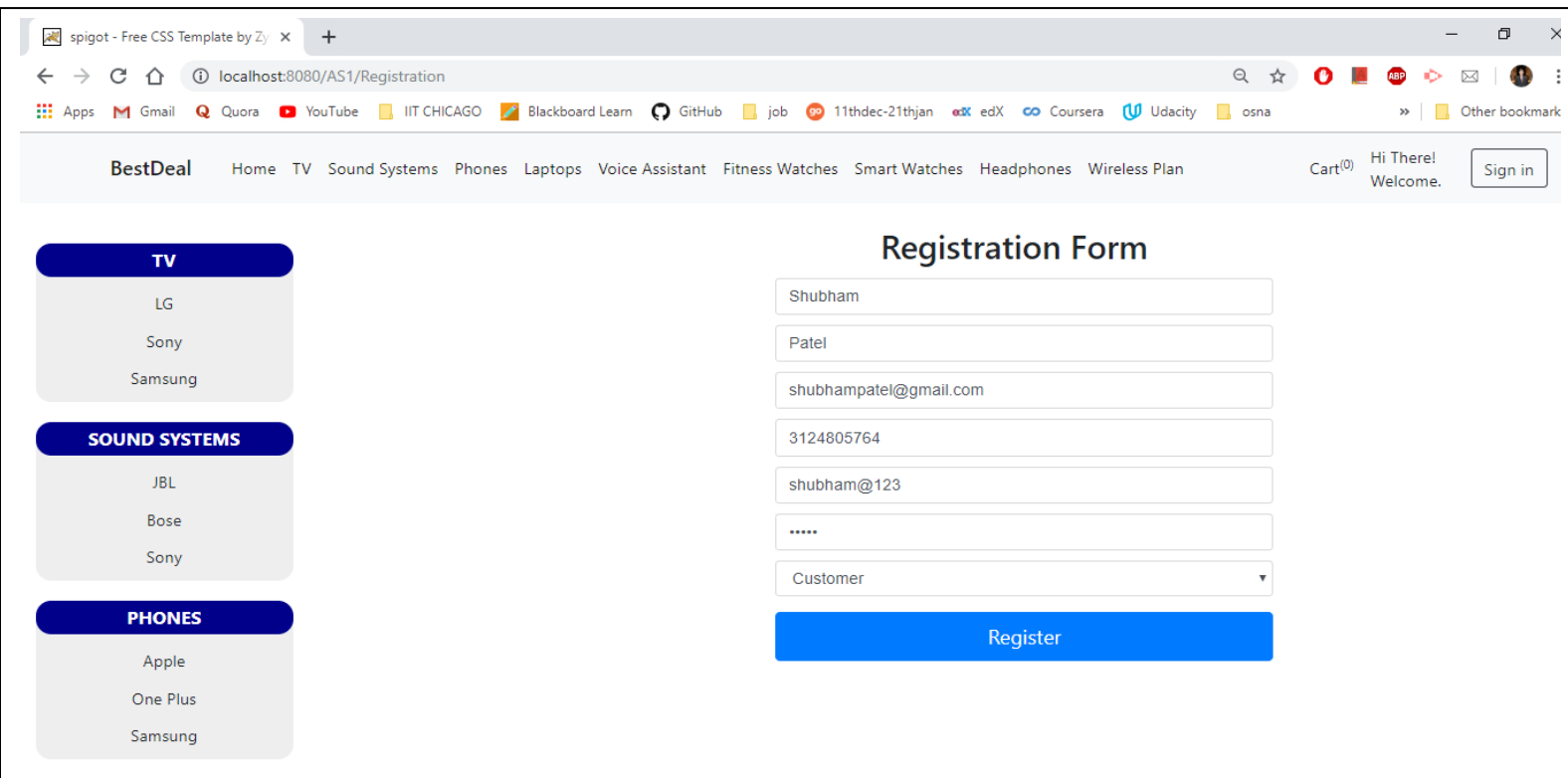
Here, I will be attaching screenshots of the all the implemented functionalities of the assignments.

### 1. Home Screen

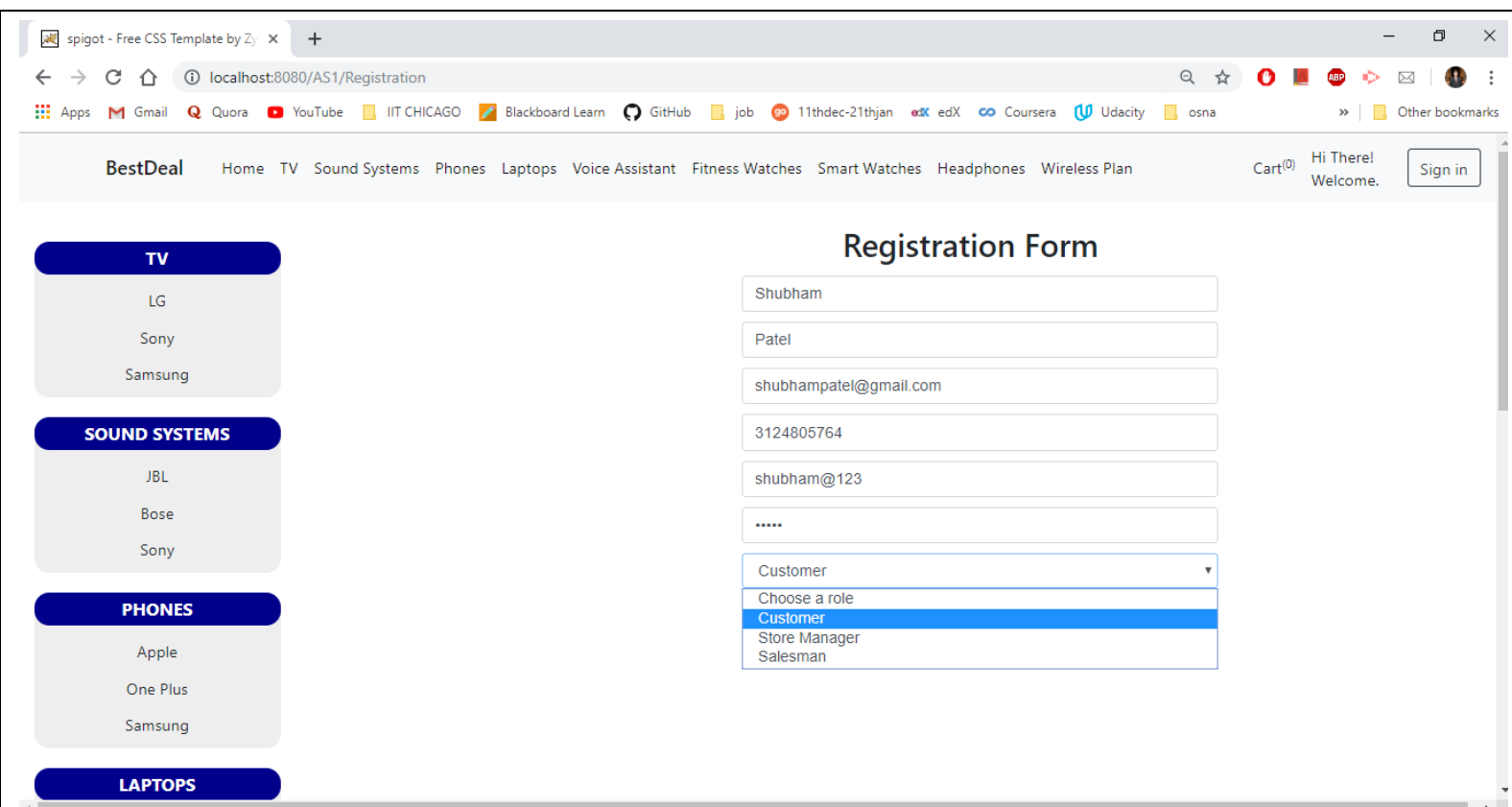




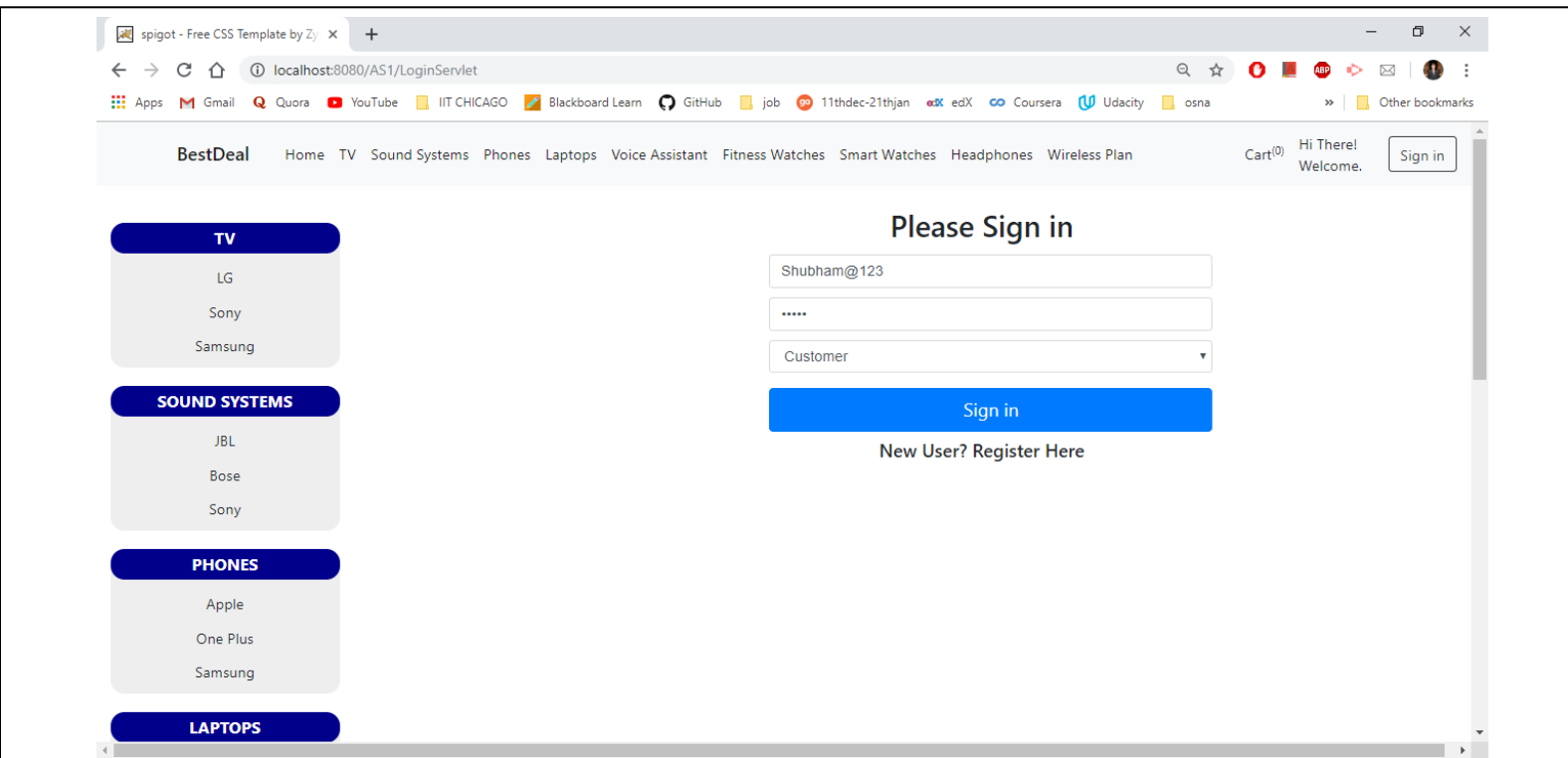
## 2. Registration



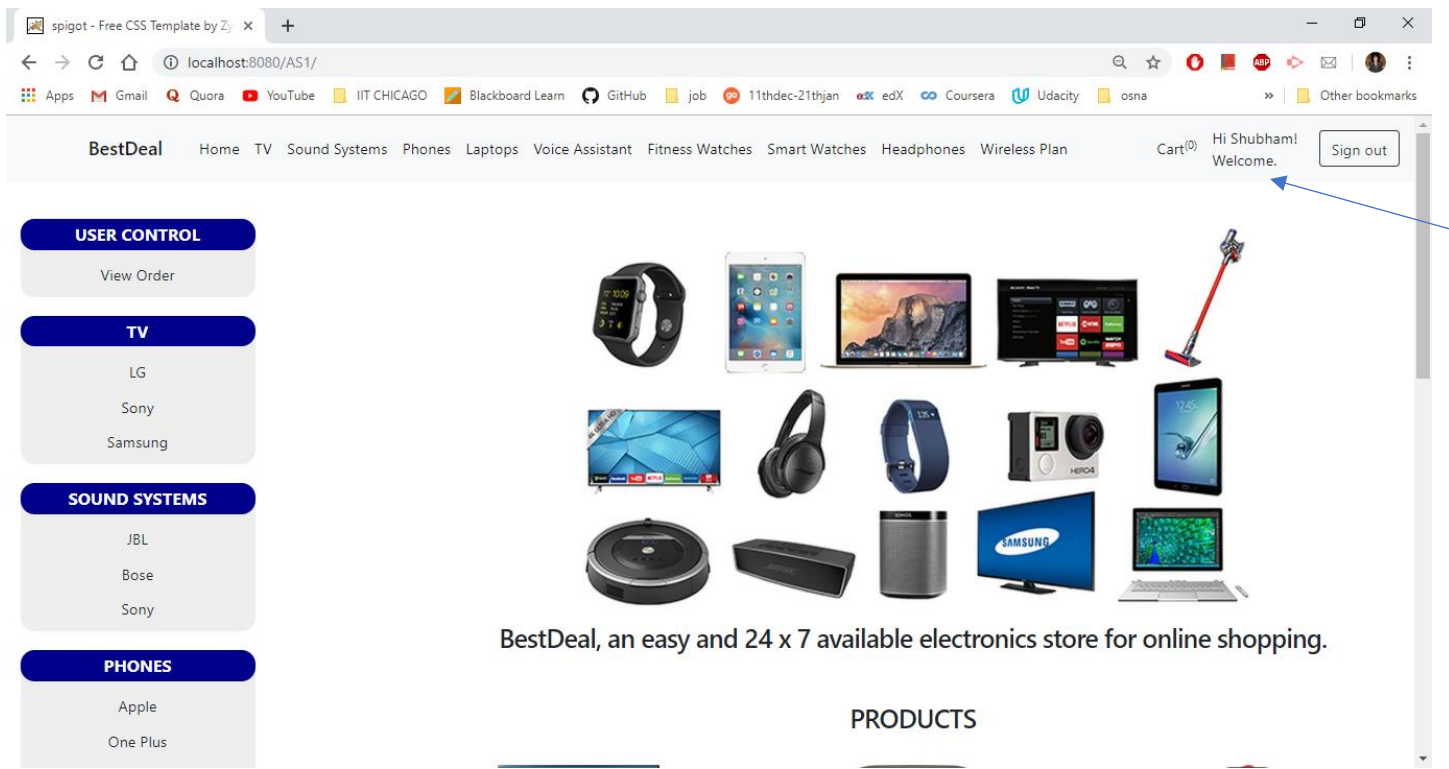
In the above image, I have registered Customer, but you can choose a role while registering from Customer, Store Manager and Salesman which you can see from the below image.



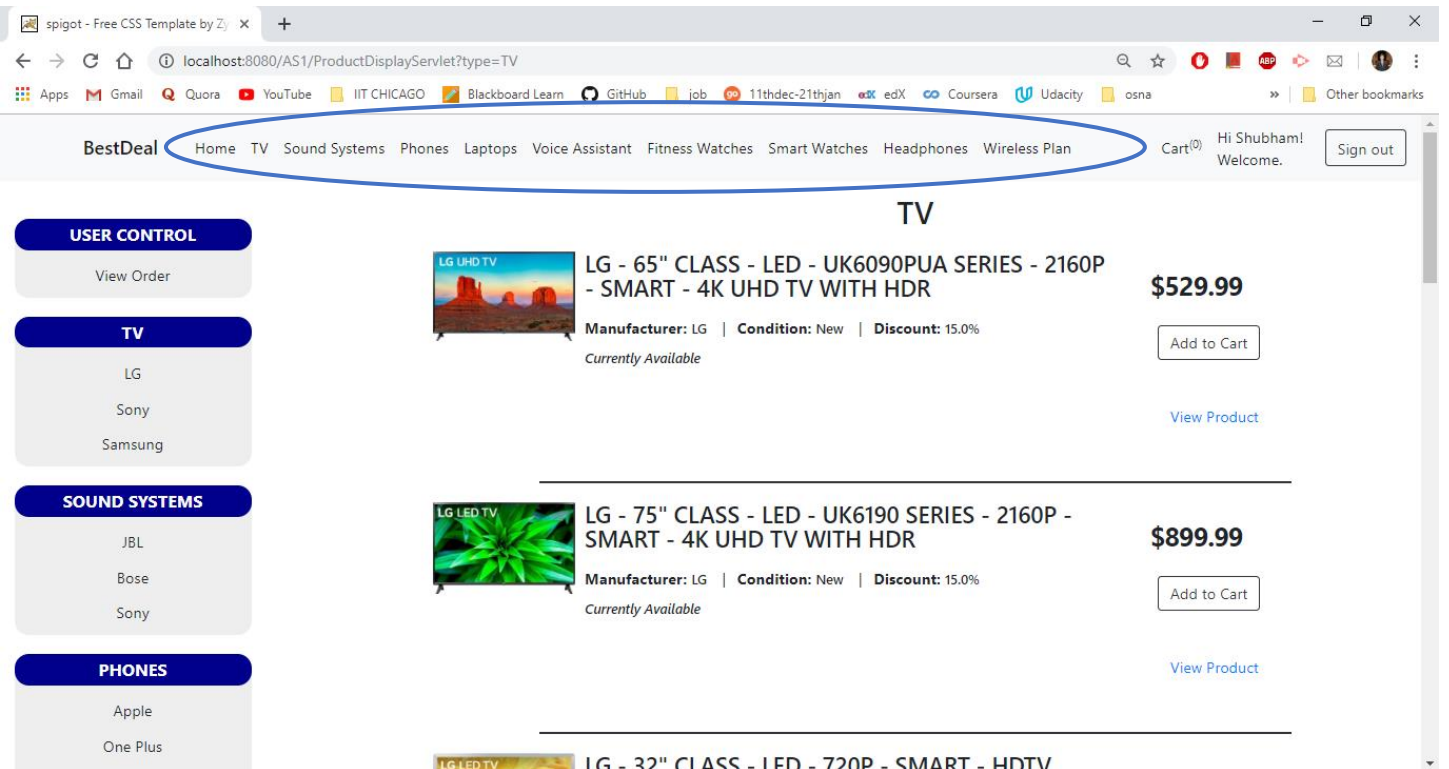
### 3. Login



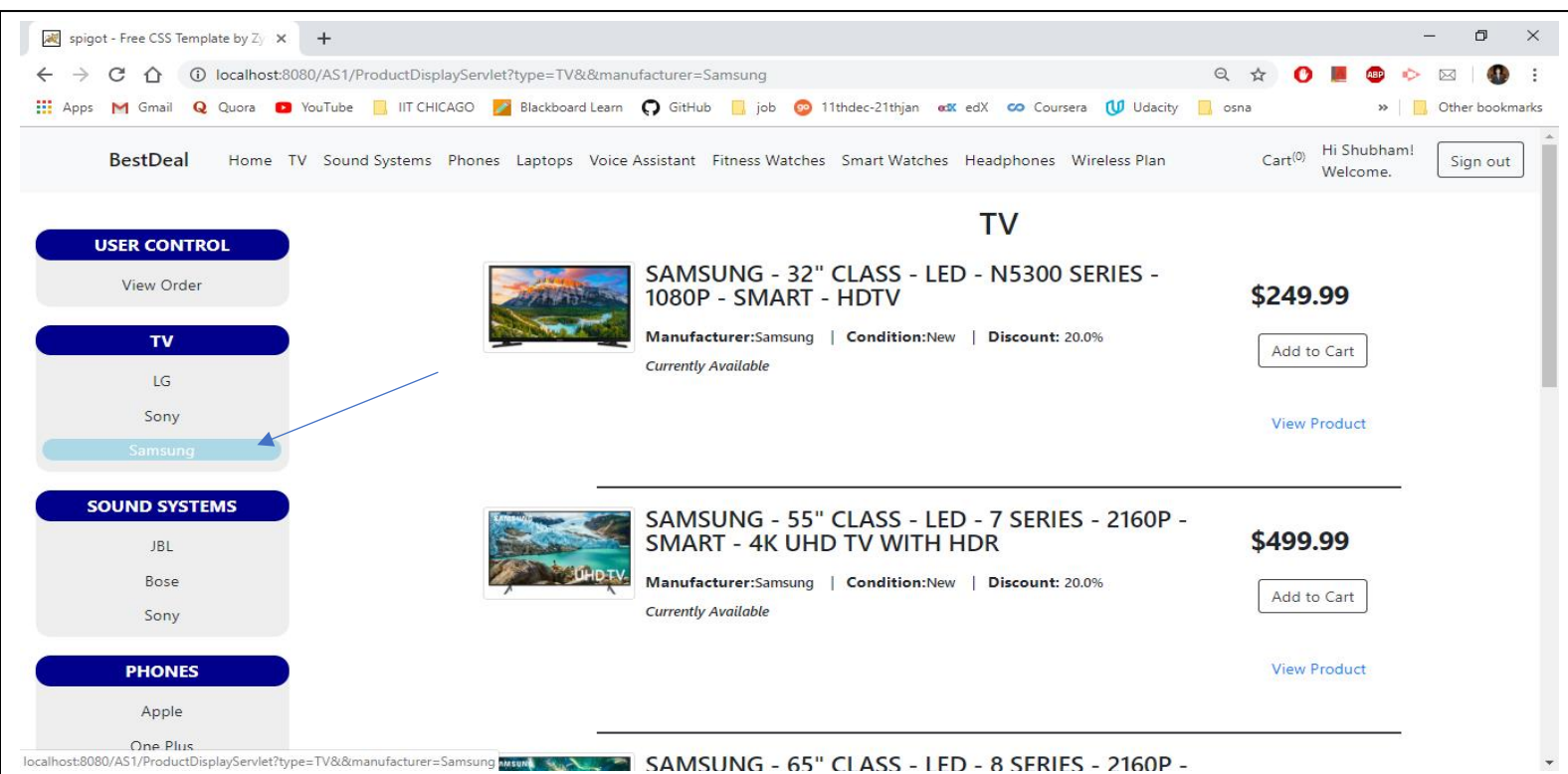
## After Login



## 4. Products

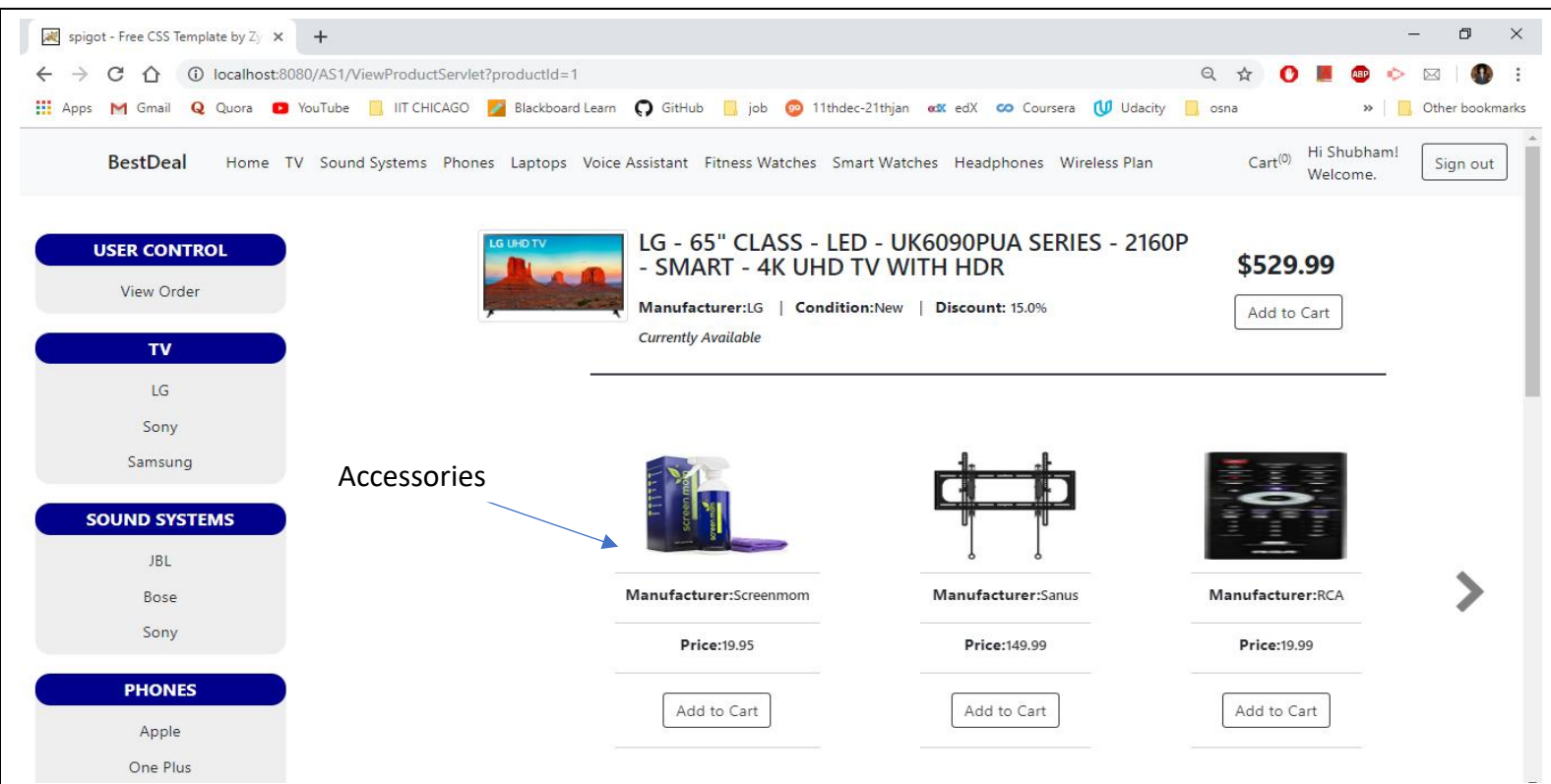


User can select Product category from the header.



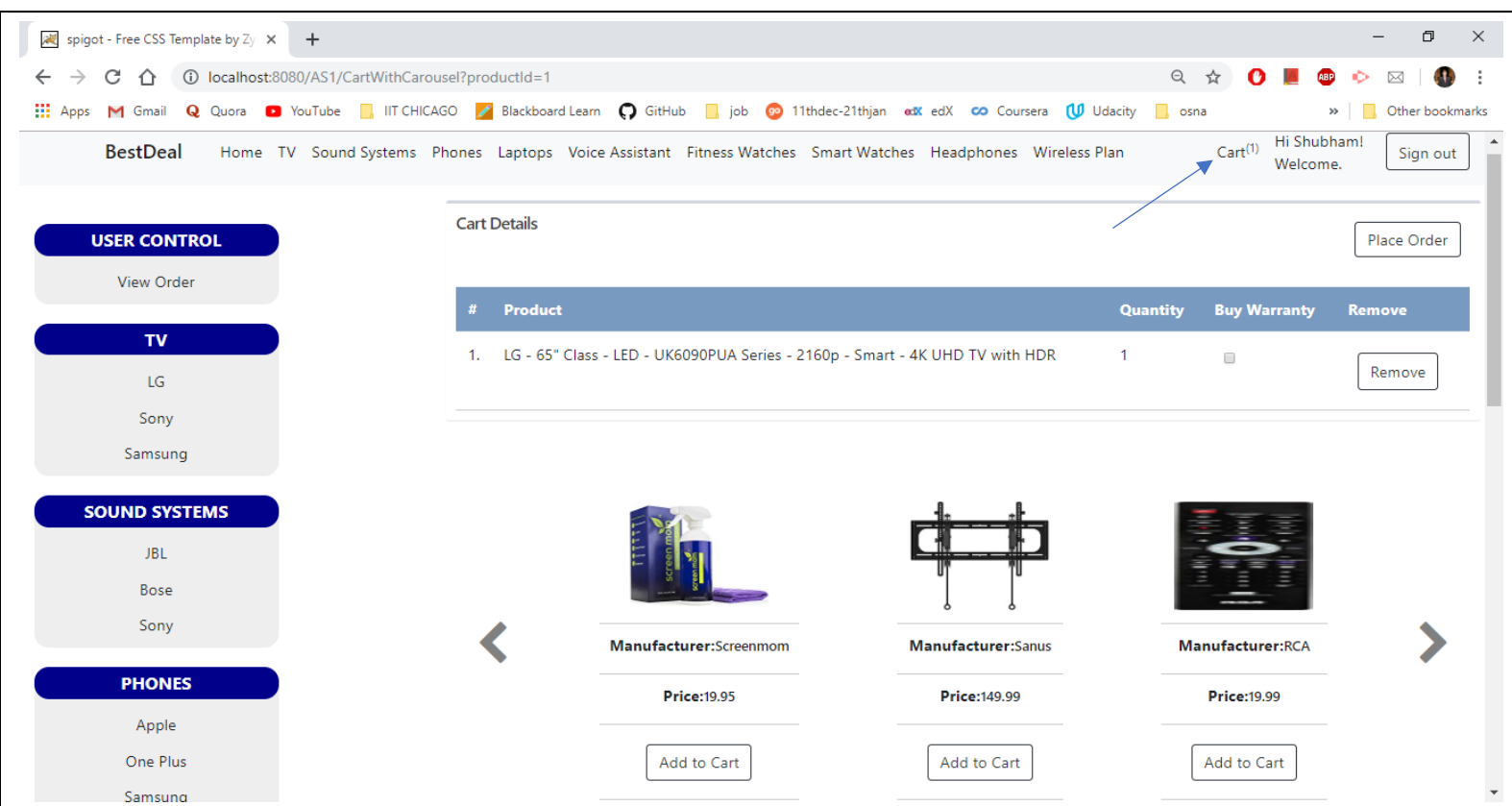
User can filter products by selecting manufacturer from left bar navigation.

## 5. View Product

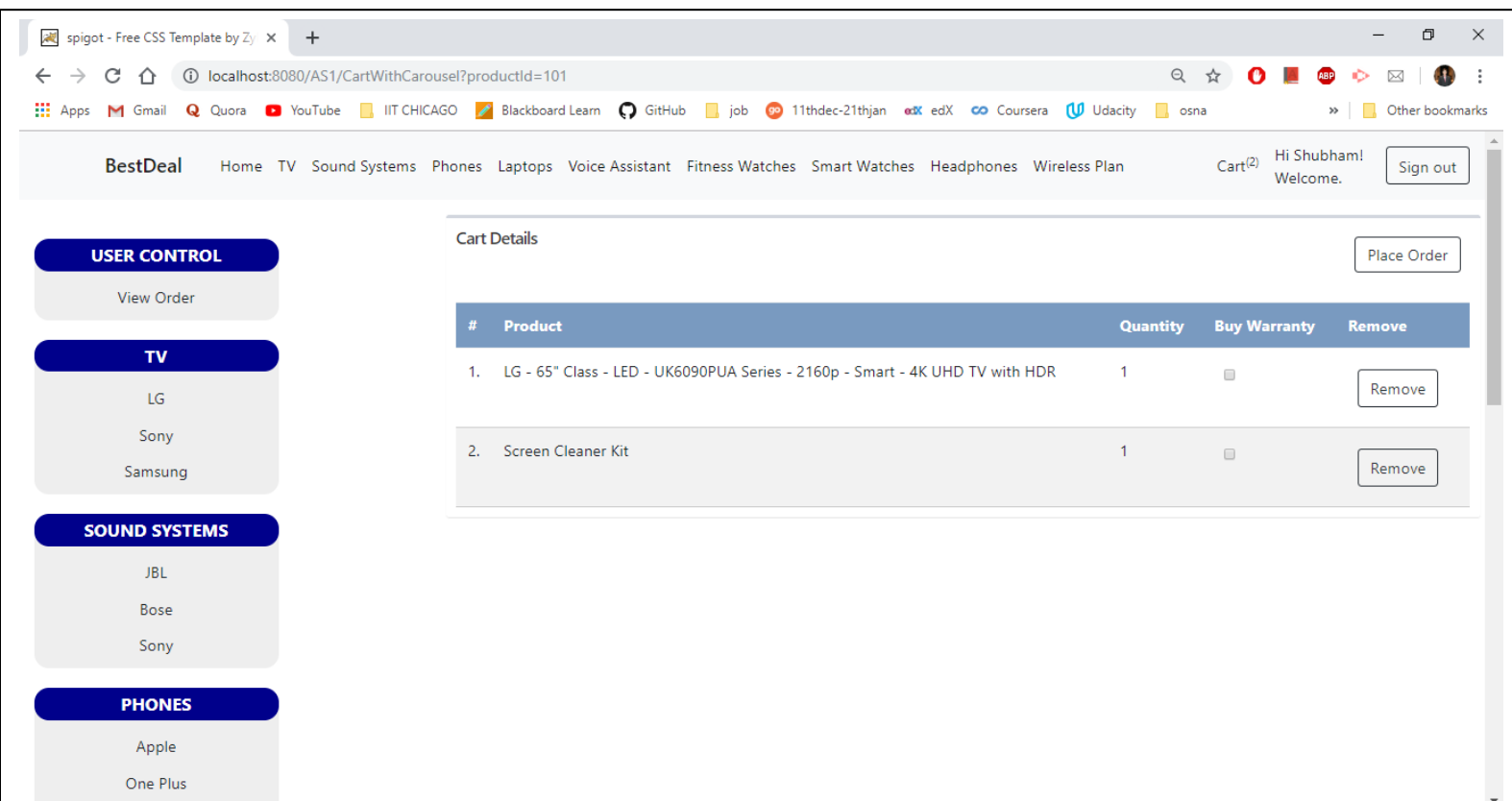


Screenshot of the site when user select to view specific product. Below product user can see the accessories related to product. It will automatically scroll through using Carousel to show all the accessories.

## 6. Add to Cart



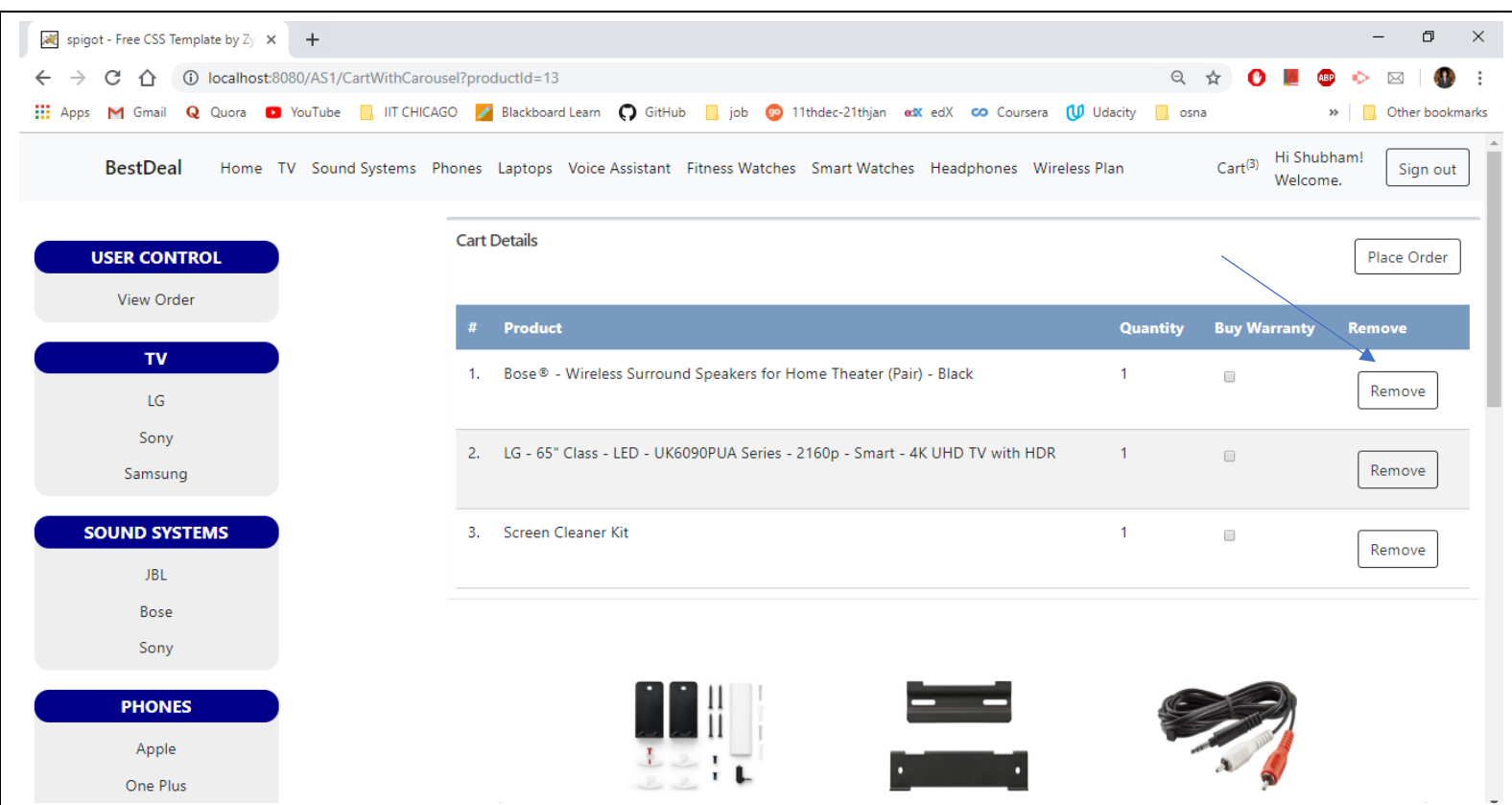
View after adding product into Cart.



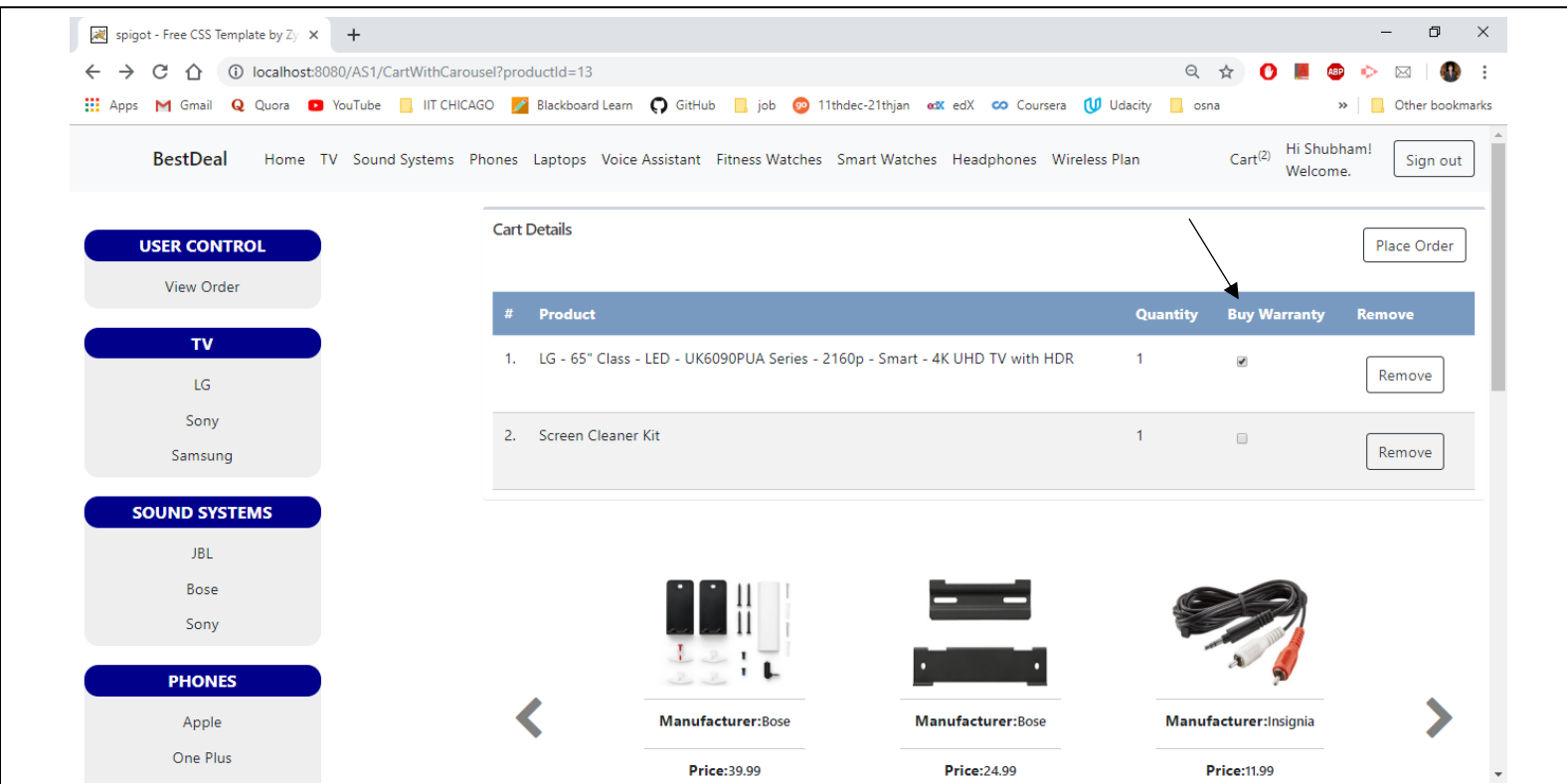
View after user adds accessories into cart.



## 7. Delete Product from cart and Adding Warranty for Product



User can delete product from cart.



Screenshot after deleting product from cart. User can also add warranty for Product.

## 8. Place Order

The screenshot shows a web browser window with the URL `localhost:8080/AS1/PlaceOrderServlet`. The page features a navigation bar with the 'BestDeal' logo and links to Home, TV, Sound Systems, Phones, Laptops, Voice Assistant, Fitness Watches, Smart Watches, Headphones, and Wireless Plan. A user is logged in as 'Hi Shubham!' with a 'Sign out' button. On the left, there are four category menus: 'USER CONTROL' (View Order), 'TV' (LG, Sony, Samsung), 'SOUND SYSTEMS' (JBL, Bose, Sony), and 'PHONES' (Apple, One Plus). The main content area is titled 'Place Your Order' and contains a form with four input fields: 'Shubham Patel', '3001 S King Dr Apt 418', '3124805764', and '5678632345789102'. A blue 'Place Order' button is at the bottom of the form.

Taking user's credit card and shipping address before placing order.

The screenshot shows the same web browser window, but the URL is `localhost:8080/AS1/PlaceOrderServlet?place=success`. The page displays a confirmation message: 'Order with orderID: 1 Placed ....' and 'Delivery Date: Mon Oct 07 13:53:36 CDT 2019'. The navigation bar and left-side category menus remain the same. The user is still logged in as 'Hi Shubham!' with a 'Sign out' button.

Order 1 Placed and showing delivery date.



## 9. Multiple order in same session

The screenshot shows the BestDeal website interface. The top navigation bar includes the site name, home link, category links (TV, Sound Systems, Phones, Laptops, Voice Assistant, Fitness Watches, Smart Watches, Headphones, Wireless Plan), a cart icon with 'Cart(1)', a user greeting 'Hi Shubham! Welcome.', and a 'Sign out' button. The left sidebar contains category filters: USER CONTROL (View Order), TV (LG, Sony, Samsung), SOUND SYSTEMS (JBL, Bose, Sony), and PHONES (Apple, One Plus). The main content area features a 'Cart Details' section with a 'Place Order' button. Below this is a table with the following data:

#	Product	Quantity	Buy Warranty	Remove
1.	Apple - iPhone 11 128GB - Black	1	<input checked="" type="checkbox"/>	<button>Remove</button>

Below the cart details is a carousel of products with navigation arrows. The products shown are:

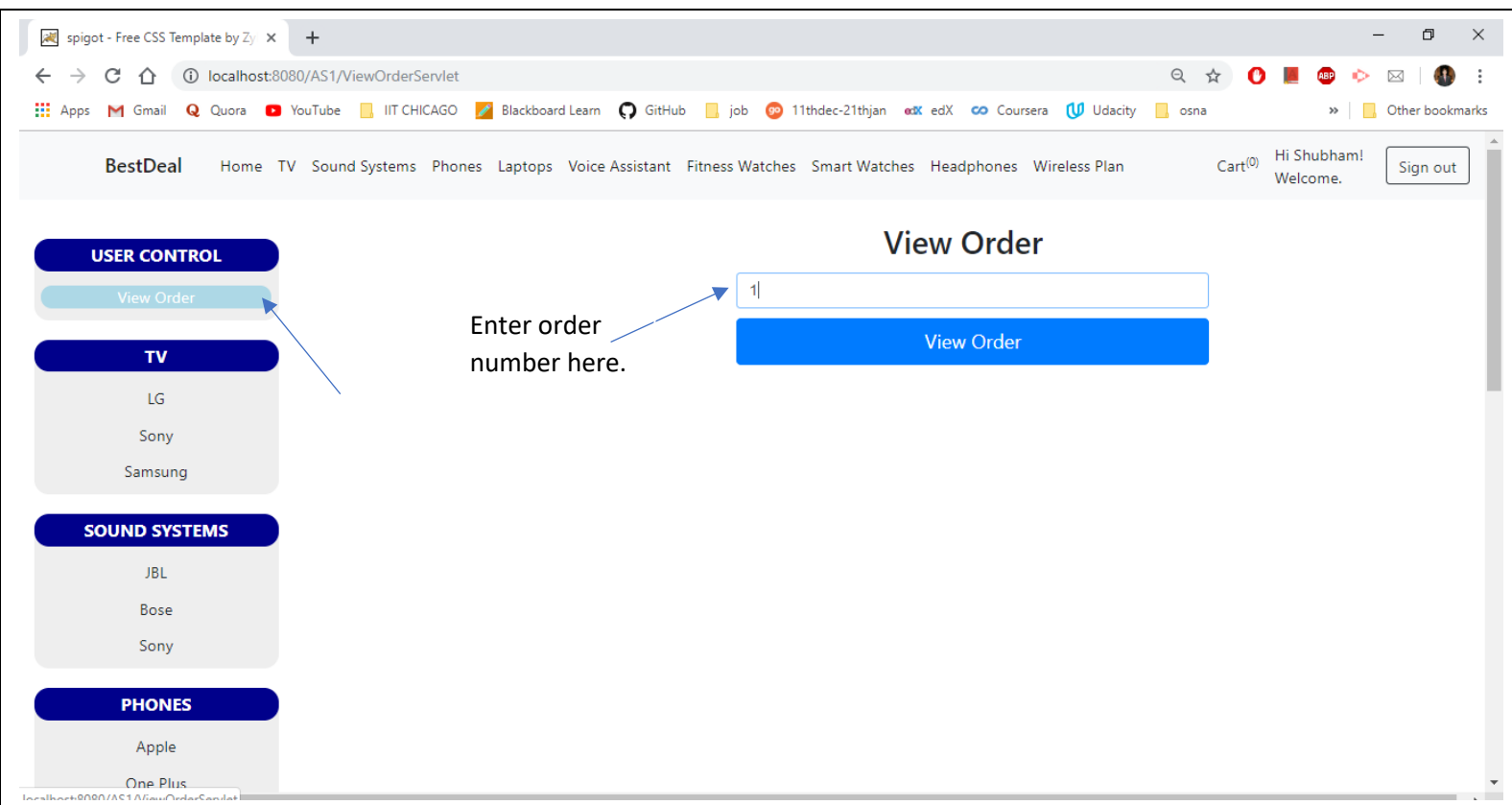
- Manufacturer: Speck, Price: 39.99, Add to Cart button
- Manufacturer: Anker, Price: 44.99, Add to Cart button
- Manufacturer: PopSockets, Price: 14.99, Add to Cart button

Added second order into cart.

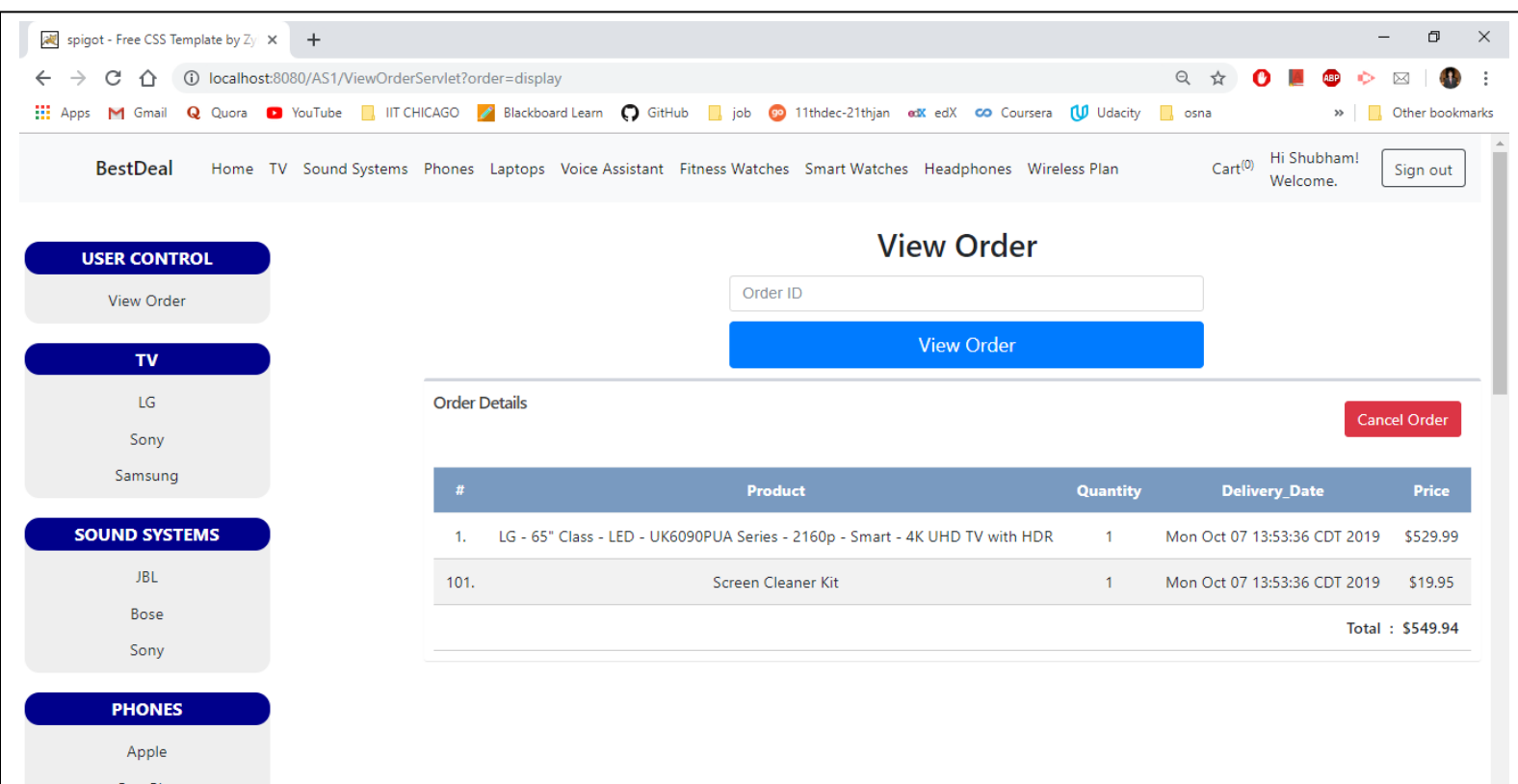
The screenshot shows the BestDeal website after placing an order. The top navigation bar is identical to the previous screenshot. The left sidebar remains the same. The main content area now displays a confirmation message: 'Order with orderID: 2 Placed ....' and 'Delivery Date: Mon Oct 07 14:04:40 CDT 2019'. The cart icon now shows 'Cart(0)'.

Second order placed.

## 10. View Order

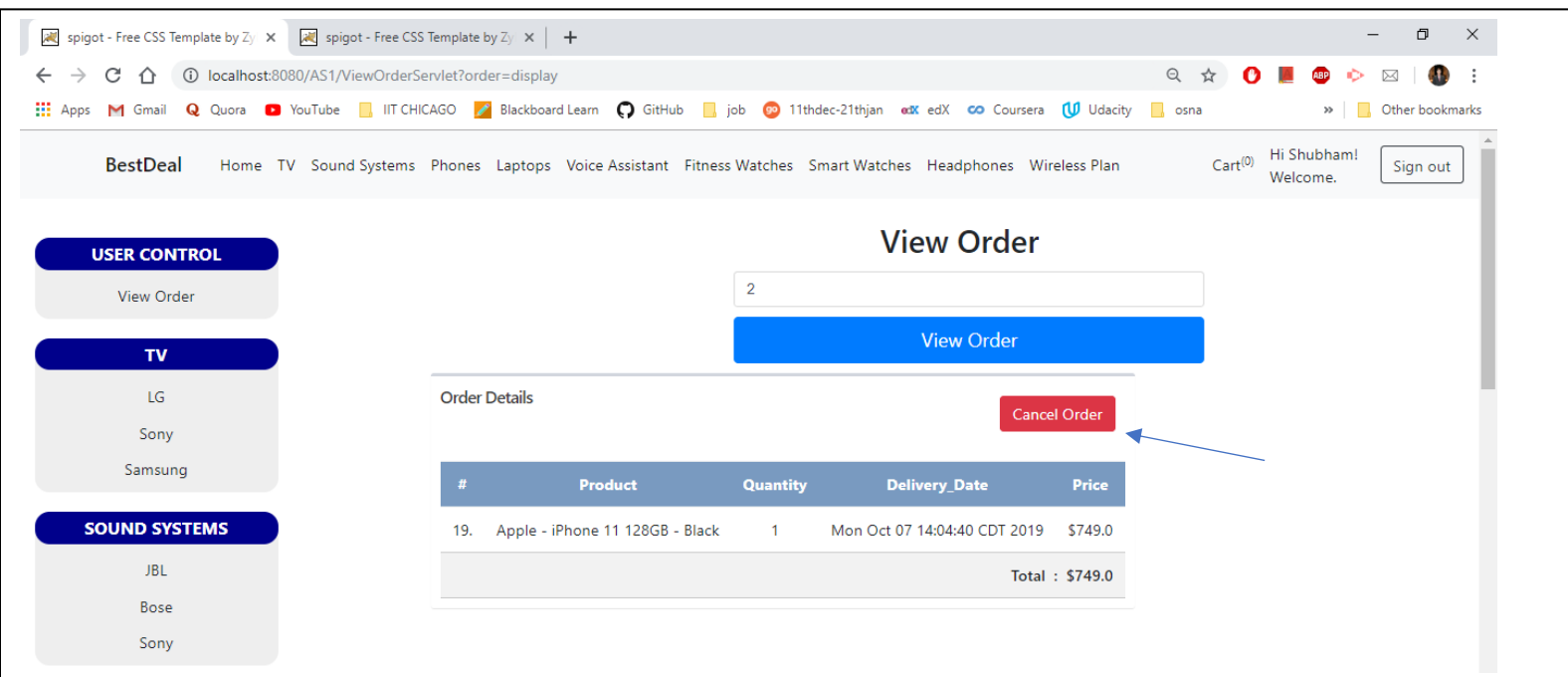


User can see previous orders by selecting View Order from left bar navigation and by entering order number in box in the right side.

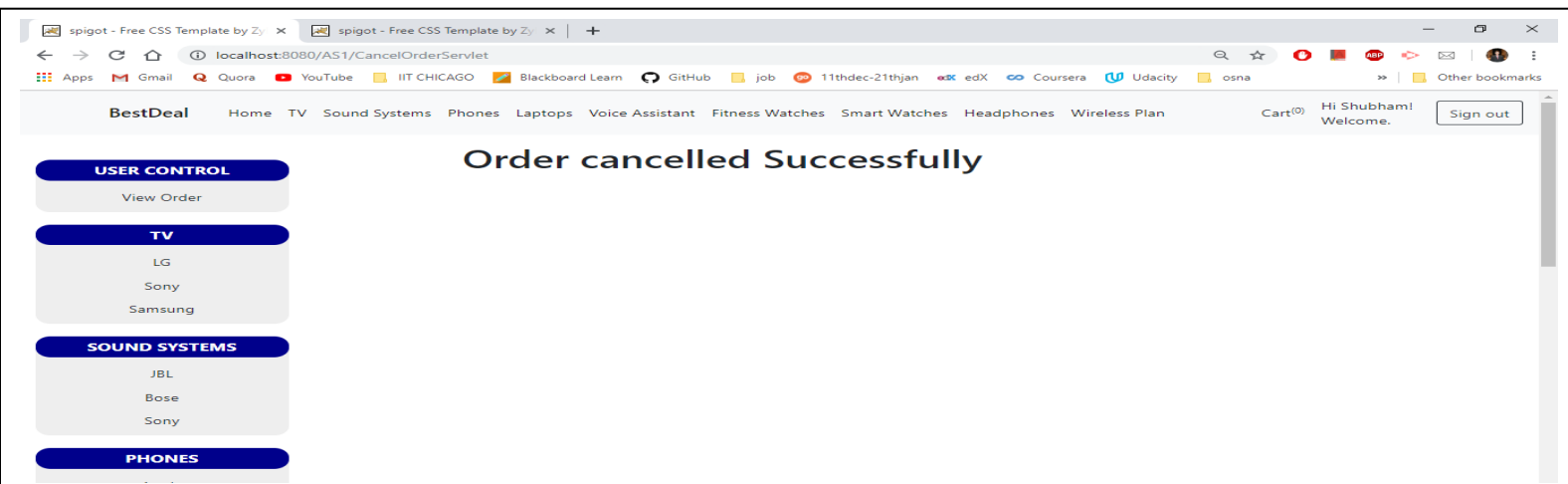


User can see the details of the Order.

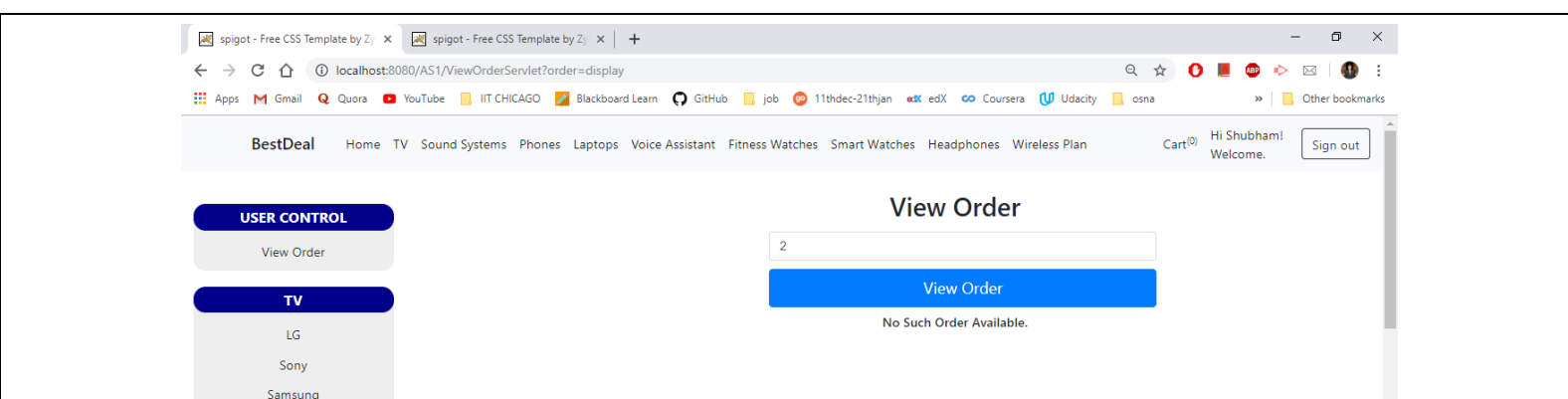
## 11. Cancel Order



Here, I have selected Order number 2 and I am going to cancel this order.



Order cancelled.



After deleting order when we search again for that number you can see that it is showing that no such order is available.

## 12. Registering Store Manager

The screenshot shows the 'Registration Form' on the BestDeal website. The form is located on the right side of the page, with a navigation menu on the left. The navigation menu includes categories like TV, Sound Systems, and Phones. The registration form fields are: Name (Parth), Last Name (Patel), Email (parthkumarj.patel@gmail.com), Phone Number (3124805764), Password (parth@123), Confirm Password (\*\*\*\*\*), and Role (Store Manager). A blue 'Register' button is at the bottom of the form. The website header shows the BestDeal logo, navigation links, and a user greeting 'Hi There! Welcome.' with a 'Sign in' button.

BestDeal Home TV Sound Systems Phones Laptops Voice Assistant Fitness Watches Smart Watches Headphones Wireless Plan Cart<sup>(0)</sup> Hi There! Welcome. Sign in

### Registration Form

Parth

Patel

parthkumarj.patel@gmail.com

3124805764

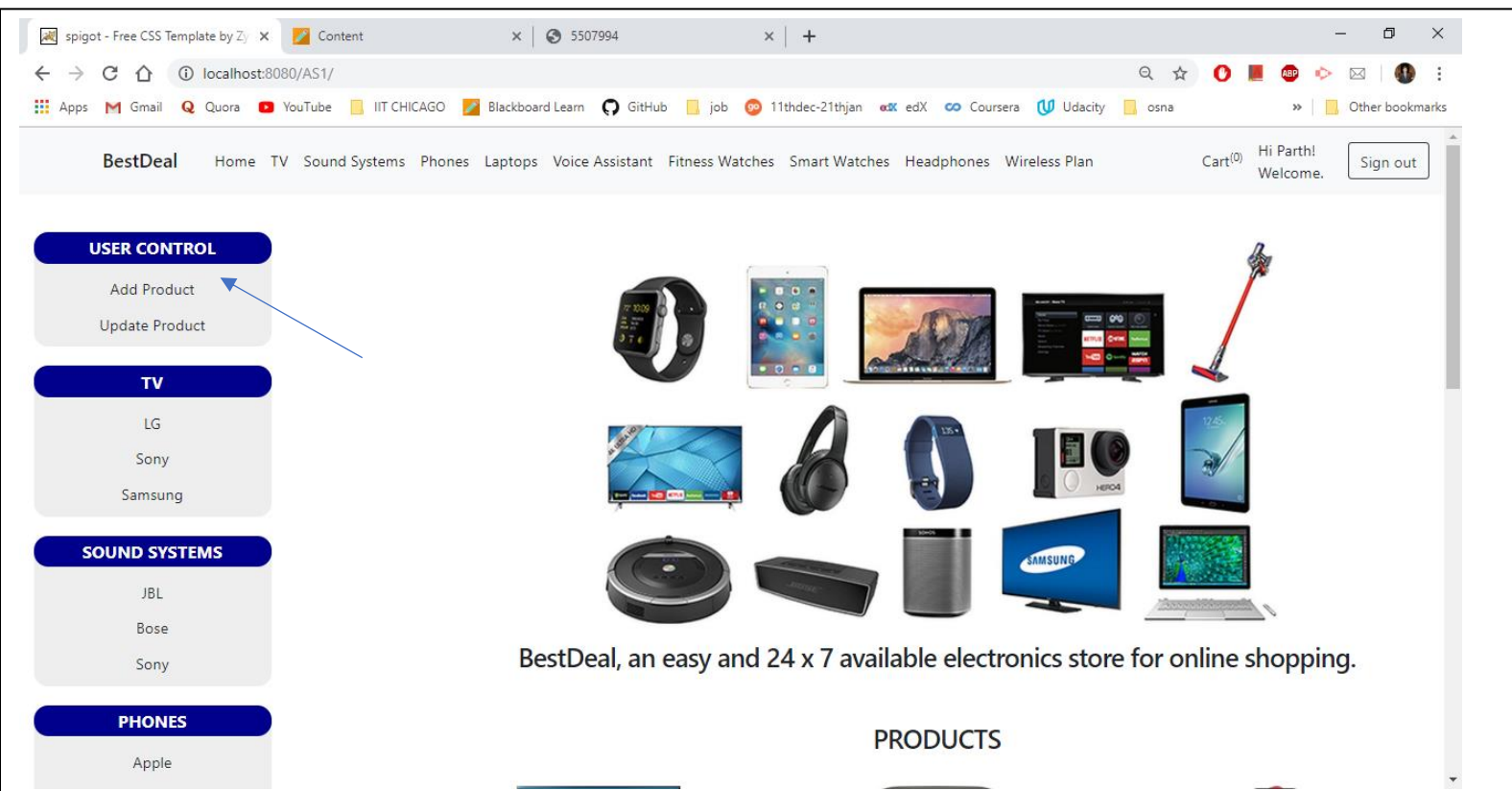
parth@123

\*\*\*\*\*

Store Manager

Register

Registered user as a store manager.



Store Manager Has a functionality of adding Product or Updating Product.

### 13. Update Product Information

The screenshot shows a web application interface with a sidebar on the left and a main content area on the right. The sidebar contains five categories: USER CONTROL, TV, SOUND SYSTEMS, PHONES, and LAPTOPS, each with a list of brands. The main content area has two sections: 'View Product' and 'Update Product'. The 'View Product' section shows a product ID of 1 and a 'View' button. The 'Update Product' section shows the same product ID and a form to update the product information. The form includes fields for the product name, price, image, brand, model, and type. The current price is 529.99. The 'Update Product' button is visible at the bottom of the form.

**USER CONTROL**

- Add Product
- Update Product

**TV**

- LG
- Sony
- Samsung

**SOUND SYSTEMS**

- JBL
- Bose
- Sony

**PHONES**

- Apple
- One Plus
- Samsung

**LAPTOPS**

- Apple

**View Product**

1

View

**Update Product**

1

LG - 65" Class - LED - UK6090PUA Series - 2160p - Smart - 4K UHD TV

529.99

Image:

imagesNew/1.jpg

LG

New

15.0

25

Choose a type

Update Product Delete Product

Searched for Product Id 1 and it shows its current information and gives option to update product information.

The screenshot shows the same web application interface as the previous one, but with the price updated to 549.99. The 'Update Product' form is still visible, and the 'Update Product' button is still present. The sidebar and navigation elements are the same as in the previous screenshot.

**USER CONTROL**

- Add Product
- Update Product

**TV**

- LG
- Sony
- Samsung

**SOUND SYSTEMS**

- JBL
- Bose
- Sony

**PHONES**

- Apple
- One Plus
- Samsung

**LAPTOPS**

- Apple

**View Product**

1

View

**Update Product**

1

LG - 65" Class - LED - UK6090PUA Series - 2160p - Smart - 4K UHD TV

549.99

Image:

ImagesNew/1.jpg

LG

New

15.0

25

Choose a type

Update Product Delete Product

Updated product price from 529.99 to 549.99.





Browser tabs: /manager, spigot - Free CSS Template by Zy

Address bar: localhost:8080/AS1/ProductDisplayServlet?type=TV

Navigation: Home TV Sound Systems Phones Laptops Voice Assistant Fitness Watches Smart Watches Headphones Wireless Plan

User: Cart<sup>(0)</sup> Hi Parth! Welcome Sign out

### TV

**USER CONTROL**

Add Product

Update Product

**TV**

LG

Sony

Samsung

**SOUND SYSTEMS**

JBL

Bose


Sony

**PHONES**

Apple

One Plus

Samsung



**LG - 65" CLASS - LED - UK6090PUA SERIES - 2160P - SMART - 4K UHD TV WITH HDR**


Manufacturer: LG | Condition: New | Discount: 15.0%

Currently Available

**\$529.99**

Add to Cart

[View Product](#)



**LG - 32" CLASS - LED - 720P - SMART - HDTV WITH HDR**


Manufacturer: LG | Condition: New | Discount: 15.0%

Currently Available

**\$139.99**

Add to Cart

[View Product](#)



**SONY - 43" CLASS - LED - X800G SERIES - 2160P - SMART - 4K UHD TV WITH HDR**

Manufacturer: Sony | Condition: New | Discount: 10.0%

**\$599.99**

Add to Cart

Product 2 is deleted.

Browser tabs: /manager, spigot - Free CSS Template by Zy

Address bar: localhost:8080/AS1/UpdateProduct?findProduct=true

Navigation: Home TV Sound Systems Phones Laptops Voice Assistant Fitness Watches Smart Watches Headphones Wireless Plan

User: Cart<sup>(0)</sup> Hi Parth! Welcome Sign out

### View Product

2

[View](#)

No Such Product Available.

**USER CONTROL**

Add Product

Update Product

**TV**

LG

Sony

Samsung

**SOUND SYSTEMS**

JBL

Bose

Sony

**PHONES**

Apple

One Plus

Samsung

When we search for that product it shows it is not available.

## 15. Add Product

Browser tabs: /manager, spigot - Free CSS Template by Zy

Address bar: localhost:8080/AS1/AddProduct

Navigation: BestDeal | Home | TV | Sound Systems | Phones | Laptops | Voice Assistant | Fitness Watches | Smart Watches | Headphones | Wireless Plan

User: Cart(0) | Hi Parth! Welcome. | Sign out

### USER CONTROL

Add Product

Update Product

### TV

LG

Sony

Samsung

### SOUND SYSTEMS

JBL

Bose

Sony

### PHONES

Apple

## Add Product

2

LG - 75" Class - LED - UK6190 Series - 2160p - Smart - 4K UHD

899.99

Image:

Choose File 2.jpg

LG

New

15.0

25


TV

Add Product

Adding deleted product.

Browser tabs: /manager, spigot - Free CSS Template by Zy

Address bar: localhost:8080/AS1/ProductDisplayServlet?type=TV



**SAMSUNG - 65" CLASS - LED - Q70 SERIES - 2160P - SMART - 4K UHD TV WITH HDR**


**\$1399.99**

Manufacturer: Samsung | Condition: New | Discount: 20.0%

Currently Available

Add to Cart

View Product



**LG - 75" CLASS - LED - UK6190 SERIES - 2160P - SMART - 4K UHD TV WITH HDR**

**\$899.99**

Manufacturer: LG | Condition: New | Discount: 15.0%

Currently Available

Add to Cart

View Product

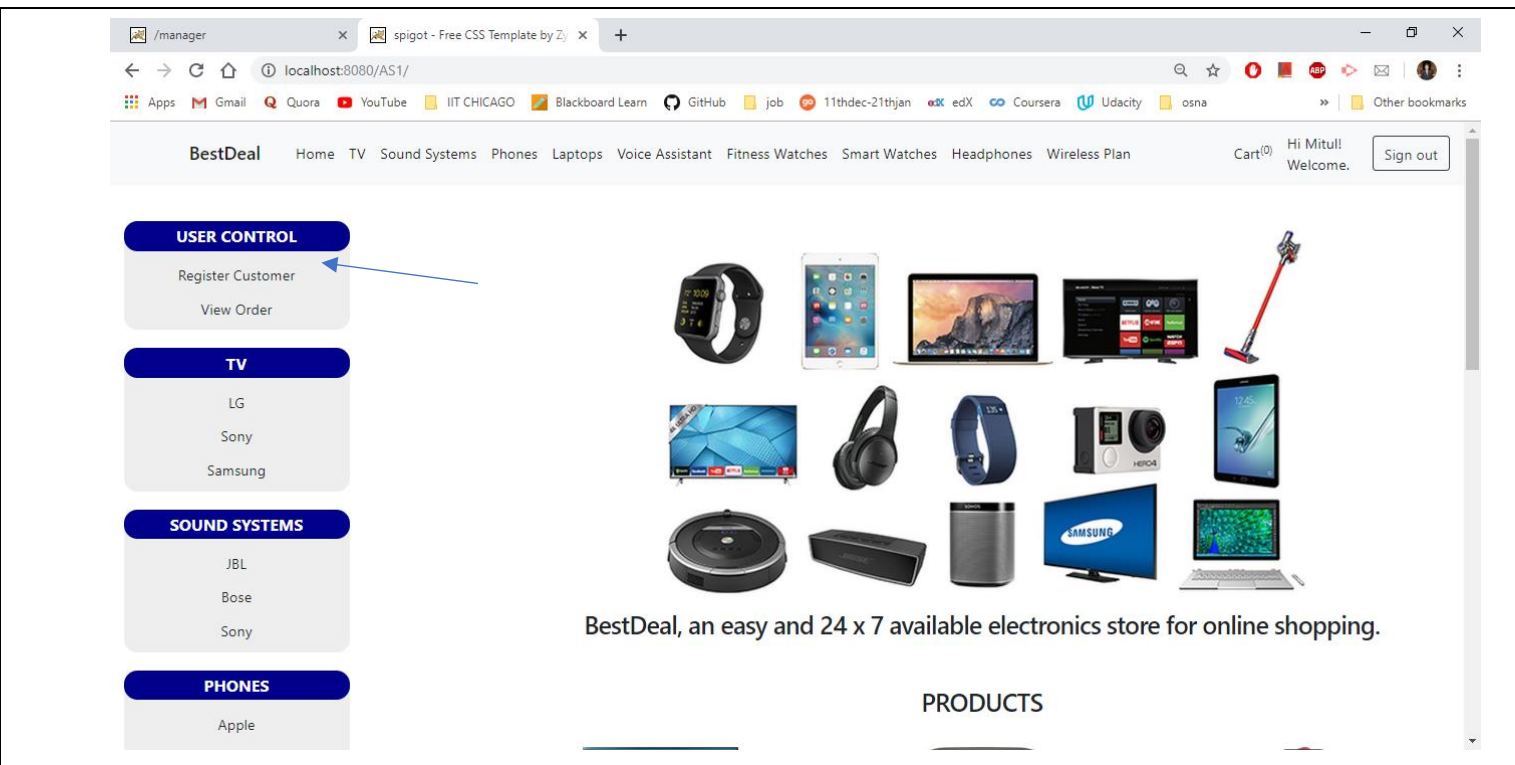
© BestDeal 2019. CS 584 Project by Parthkumar Patel | A20416508

New Product is added.

## 16. Registering Salesman

The screenshot shows a web browser window with the URL `localhost:8080/AS1/Registration`. The page features a navigation bar with the 'BestDeal' logo and links to Home, TV, Sound Systems, Phones, Laptops, Voice Assistant, Fitness Watches, Smart Watches, Headphones, and Wireless Plan. A user is logged in as 'Mitul' with a 'Hi There! Welcome.' message and a 'Sign in' button. On the left, there are category buttons for TV, SOUND SYSTEMS, PHONES, and LAPTOPS, each with a list of brands. The main content area is titled 'Registration Form' and contains the following fields: Name (Mitul), Surname (Gohil), Email (mgohil@hawk.iit.edu), Phone Number (3124805765), Password (mitul@123), Confirm Password (\*\*\*\*), and Role (Salesman). A blue 'Register' button is at the bottom of the form.

Registered user as a salesman.



Salesman has a functionality of adding registering customer and Updating order.

## 17. Salesman registering new salesman

The screenshot shows the BestDeal website's registration page. The browser address bar indicates the URL is localhost:8080/AS1/Registration. The page features a navigation bar with links to Home, TV, Sound Systems, Phones, Laptops, Voice Assistant, Fitness Watches, Smart Watches, Headphones, and Wireless Plan. A user is logged in as 'Hi Mitul!' with a 'Sign out' button. On the left, there are three main category buttons: USER CONTROL, TV, and SOUND SYSTEMS, each with sub-links. The registration form itself is titled 'Registration Form' and contains several input fields: Name (Sandeep), Surname (Chaudhary), Email (schahar@gmail.com), Phone Number (3124805767), Password (sandeep@123), and a dropdown menu for Customer type (set to Customer). A blue 'Register' button is at the bottom of the form.

BestDeal Home TV Sound Systems Phones Laptops Voice Assistant Fitness Watches Smart Watches Headphones Wireless Plan Cart<sup>(0)</sup> Hi Mitul! Welcome. Sign out

**USER CONTROL**

Register Customer

View Order

**TV**

LG

Sony

Samsung

**SOUND SYSTEMS**

JBL

Bose

Sony

**PHONES**

Apple

One Plus

### Registration Form

Sandeep

Chaudhary

schahar@gmail.com

3124805767

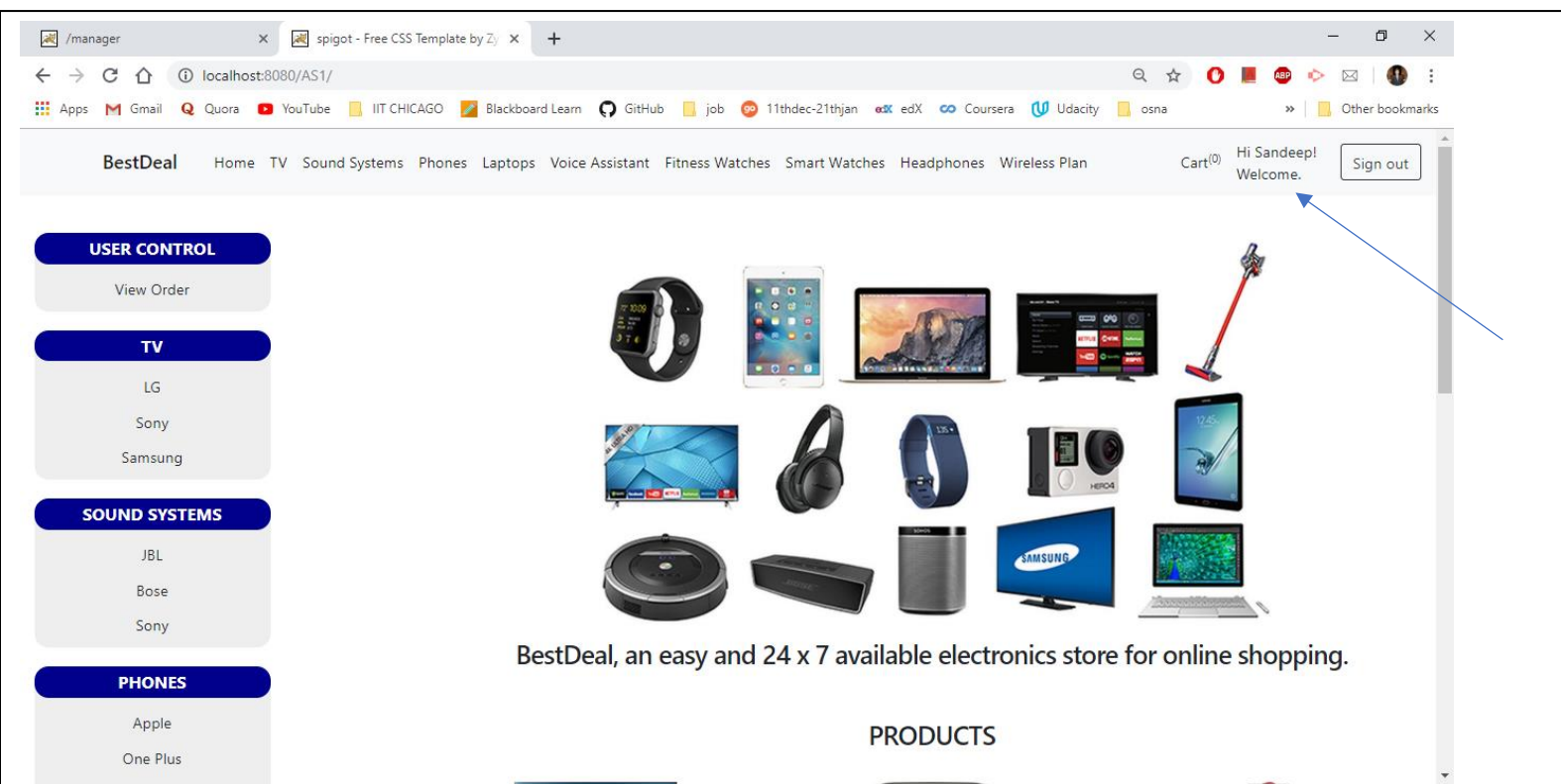
sandeep@123

....

Customer

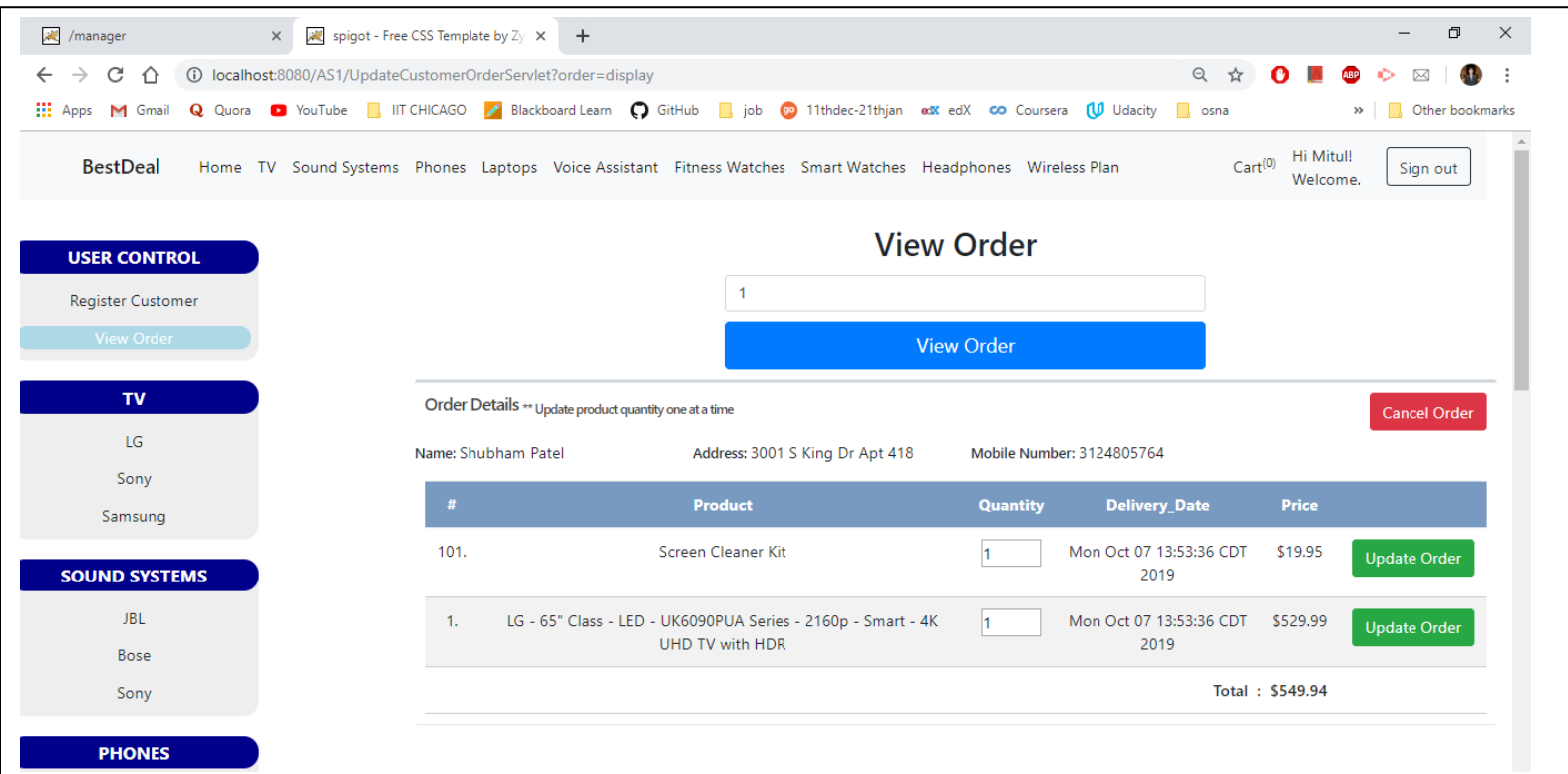
Register

Registering new customer named Sandeep.



Logged in using new user's credentials.

## 18. Salesman Updating Order

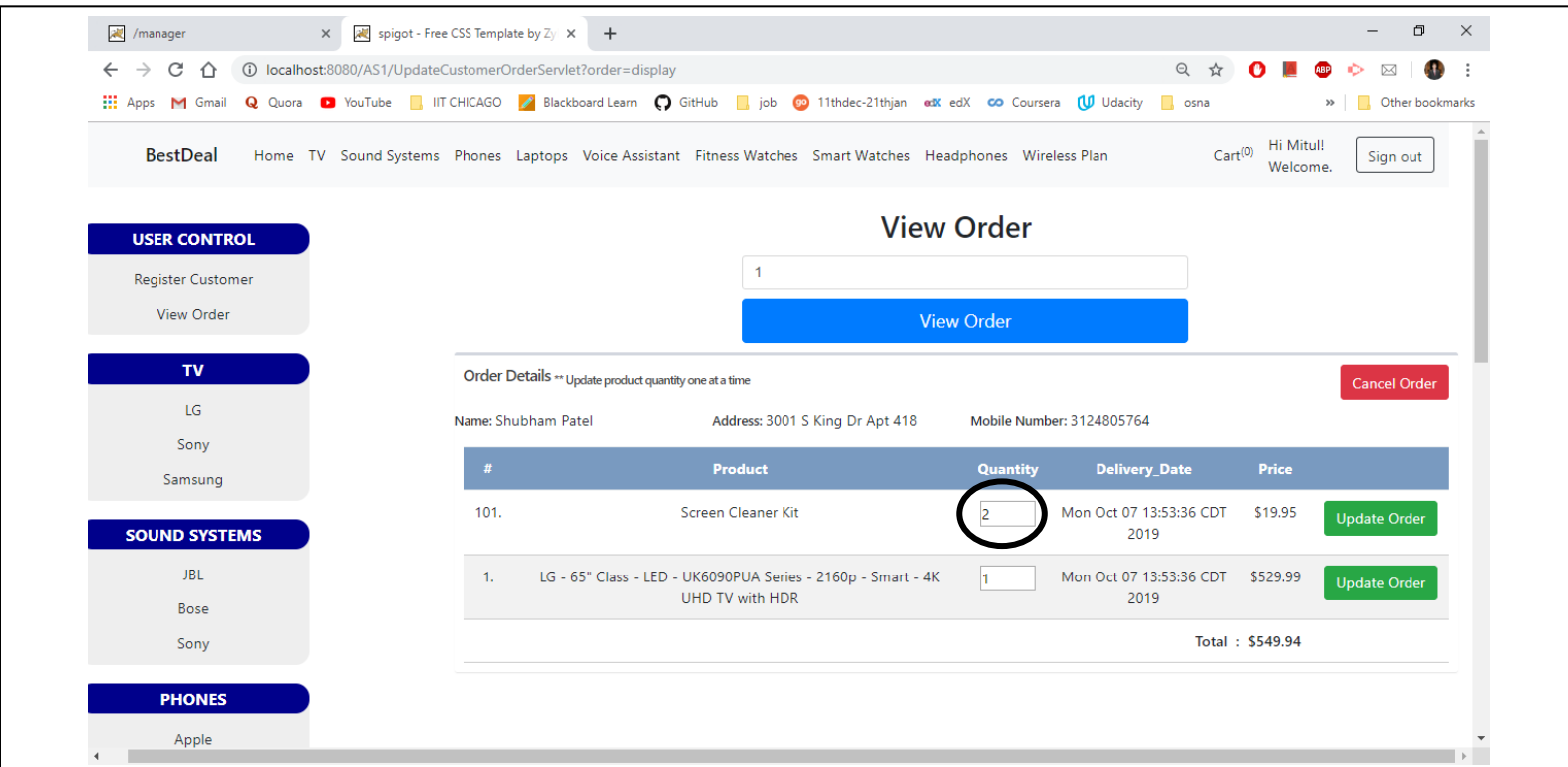


The screenshot shows a web application interface for a salesman to view and update orders. The page is titled "View Order" and displays the details for Order 1. The order details include the customer's name (Shubham Patel), address (3001 S King Dr Apt 418), and mobile number (3124805764). The order items are listed in a table with columns for item number, product name, quantity, delivery date, and price. The total price is \$549.94. The "Quantity" field for the first item (Screen Cleaner Kit) is highlighted with a red circle, indicating it is the focus of the update.

#	Product	Quantity	Delivery Date	Price
101.	Screen Cleaner Kit	1	Mon Oct 07 13:53:36 CDT 2019	\$19.95
1.	LG - 65" Class - LED - UK6090PUA Series - 2160p - Smart - 4K UHD TV with HDR	1	Mon Oct 07 13:53:36 CDT 2019	\$529.99

Total : \$549.94

Searched for Order 1 details. Now, you can update order or cancel order. First, we will update order and then we will cancel it.



The screenshot shows the same "View Order" page, but the quantity for the first item (Screen Cleaner Kit) has been updated from 1 to 2. The "Quantity" field is highlighted with a red circle, indicating the update.

#	Product	Quantity	Delivery Date	Price
101.	Screen Cleaner Kit	2	Mon Oct 07 13:53:36 CDT 2019	\$19.95
1.	LG - 65" Class - LED - UK6090PUA Series - 2160p - Smart - 4K UHD TV with HDR	1	Mon Oct 07 13:53:36 CDT 2019	\$529.99

Total : \$549.94

Updated quantity from 1 to 2.

BestDeal Home TV Sound Systems Phones Laptops Voice Assistant Fitness Watches Smart Watches Headphones Wireless Plan Cart(0) Hi Mitul! Welcome. Sign out

## View Order

1

View Order

Order Details \*\* Update product quantity one at a time Cancel Order

Name: Shubham Patel Address: 3001 S King Dr Apt 418 Mobile Number: 3124805764

#	Product	Quantity	Delivery_Date	Price	
1.	LG - 65" Class - LED - UK6090PUA Series - 2160p - Smart - 4K UHD TV with HDR	1	Mon Oct 07 13:53:36 CDT 2019	\$529.99	Update Order
101.	Screen Cleaner Kit	2	Mon Oct 07 13:53:36 CDT 2019	\$39.9	Update Order
				Total : \$569.89	

USER CONTROL

Register Customer

View Order

TV

LG

Sony

Samsung

SOUND SYSTEMS

JBL

Bose

Sony

PHONES

Apple

Again, searched for order id 1 and you can see the updated order.

BestDeal Home TV Sound Systems Phones Laptops Voice Assistant Fitness Watches Smart Watches Headphones Wireless Plan Cart(0) Hi Mitul! Welcome. Sign out

## View Order

1

View Order

Order Details \*\* Update product quantity one at a time Cancel Order

Name: Shubham Patel Address: 3001 S King Dr Apt 418 Mobile Number: 3124805764

#	Product	Quantity	Delivery_Date	Price	
1.	LG - 65" Class - LED - UK6090PUA Series - 2160p - Smart - 4K UHD TV with HDR	1	Mon Oct 07 13:53:36 CDT 2019	\$529.99	Update Order
101.	Screen Cleaner Kit	2	Mon Oct 07 13:53:36 CDT 2019	\$39.9	Update Order
				Total : \$569.89	

USER CONTROL

Register Customer

View Order

TV

LG

Sony

Samsung

SOUND SYSTEMS

JBL

Bose

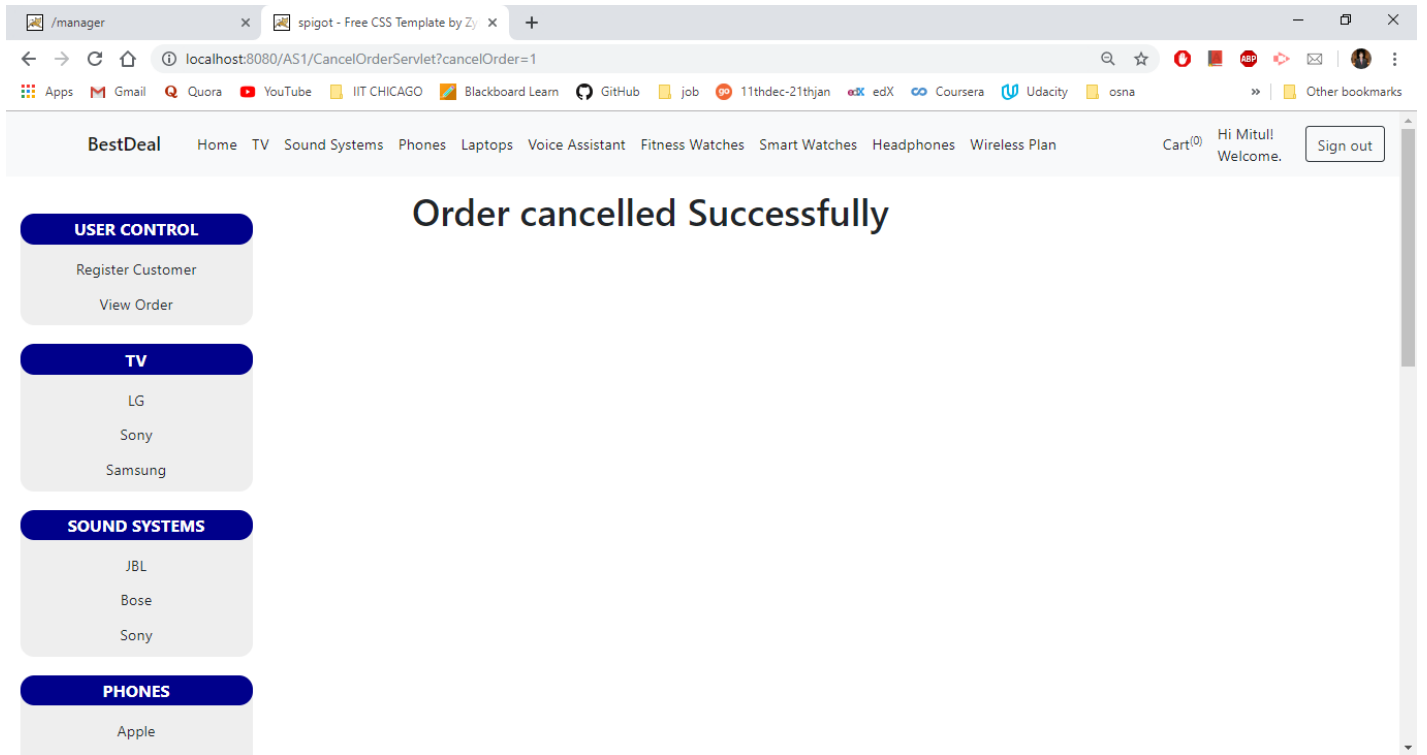
Sony

PHONES

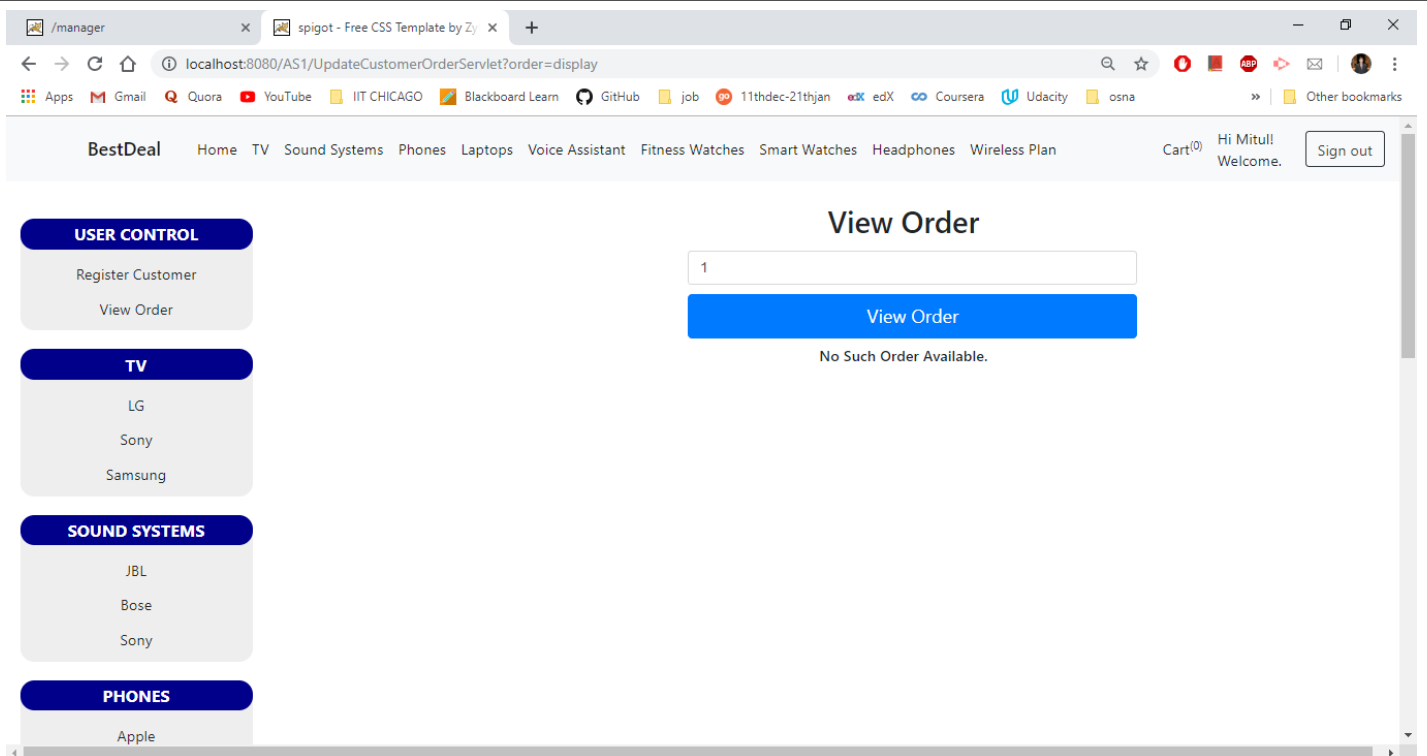
Apple

Cancelling the order.





Order Cancelled.



Searched for Order 1. It's showing no such order is available.