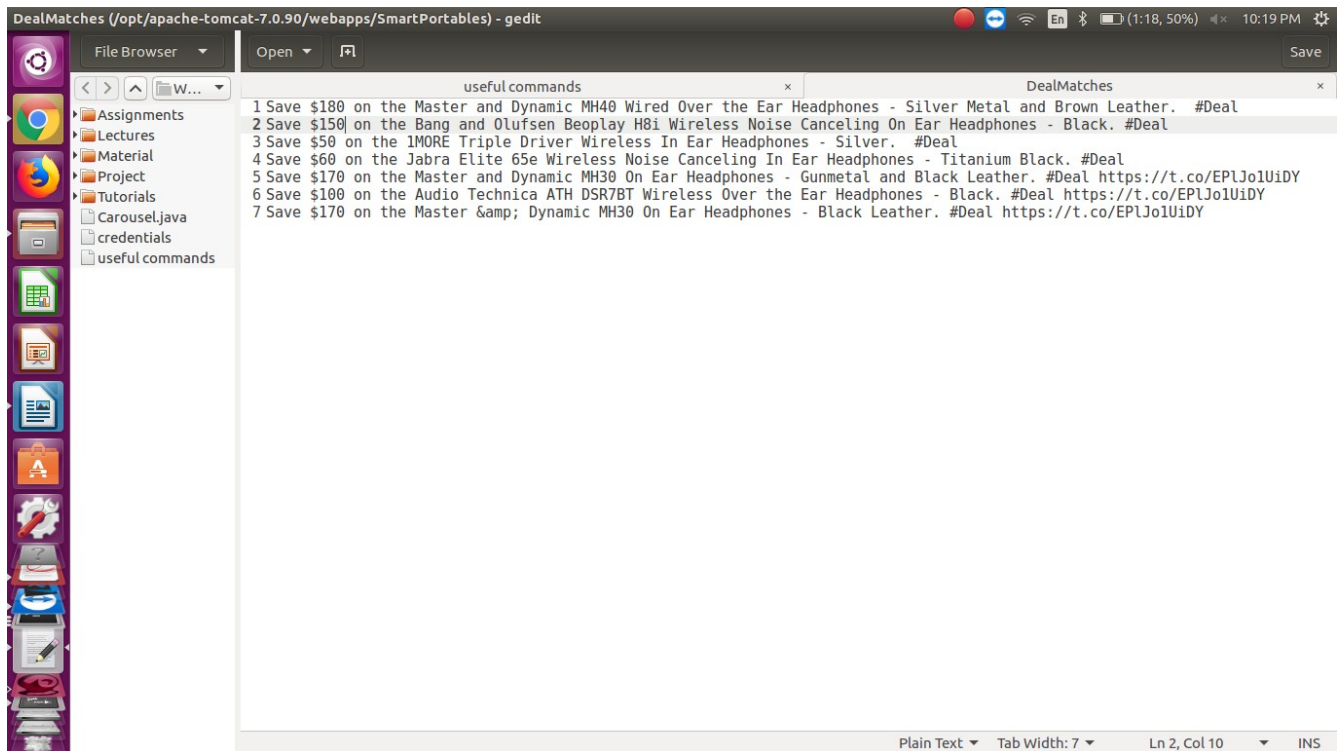# Assignment 5
Outputs
Bhagyashree Bagwe (A20399761)

Part 1: Deal Matcher Feature

A python script connects to TwitterAPI and generates a file named "DealMatches" which stores all the tweets regarding the products saved in applications database.

```
mysql> select * from Productdetails;
```

ProductType	Id	productName	productPrice	productImage	productManufacturer	productCondition	productDiscount	productWarranty	productRebate	quantity
laptops	acer	Acer	800.99	Acer.jpg	Acer	Y	15	1	0	4
accessories	adapter	Adapter	19.99	Adapter.jpg	Apple	N	0	5	5	6
voiceAssistants	amazon1	Amazon Alexa	50.99	AmazonAlexa.jpg	Amazon	Y	5	1	6	13
voiceAssistants	amazon2	Amazon Echo	150.56	AmazonEcho.jpg	Amazon	Y	25	1	0	4
voiceAssistants	amazon3	Amazon Echo Link	350.99	AmazonEchoLink.jpg	Amazon	N	13	1	9	2
voiceAssistants	amazon4	Amazon Echo Spot	452.99	AmazonEchoSpot.jpg	Amazon	Y	0	1	6	16
voiceAssistants	apple	Apple Home Pod	50.99	ApplePod.jpg	Apple	Y	14	1	0	15
phones	asus	ASUS	189.99	ASUS.jpg	Asus	N	10	1	11	4
laptops	asus2	ASUS2	750.99	Asus.png	ASUS	N	11	1	0	23
accessories	audiocable	Audio Cable	25	Audio cable.jpg	Geremy	Y	0	4	0	11
phones	blackberry	Blackberry	89.99	Blackberry.jpg	Blackberry	Y	0	1	14	2
wearables	Card Tracker	Card Tracker	249.99	Card Tracker.jpg	Garmin	N	10	15	8	3
accessories	chargingpad	Wireless Charging Pad	40	Charging Pad.jpg	Amazon	N	10	8	14	3
laptops	dell	Dell	666.09	Dell.jpg	Dell	N	15	1	14	5
wearables	Fitbit	Pet Tracker	249.99	Fitbit.jpg	Fitbit	N	10	9	8	20
wearables	Fitness Watch	Fitness Watch	149.99	Fitness watch.jpg	Samsung	Y	10	20	7	6
accessories	flashdrive	USB Flash Drive	15	Flash drive.jpg	SanDisk	Y	11	3	11	6
voiceAssistants	garmin	Garmin	54.99	Garmin.jpg	Garmin	Y	6	1	10	6

When the application loads, it selects any two tweets from the DealMatches file and displays then on the home page of the website as shown in below screen shot.

Smart Portables

World's Largest Online Electronic Store

Search Product:
search here..

Home   Wearable   Technology   Phones   Laptops   Voice   Assistants   Accessories

ViewOrder   Hello,User1   Account   Logout   Cart(0)

Shop by Categories

Trending

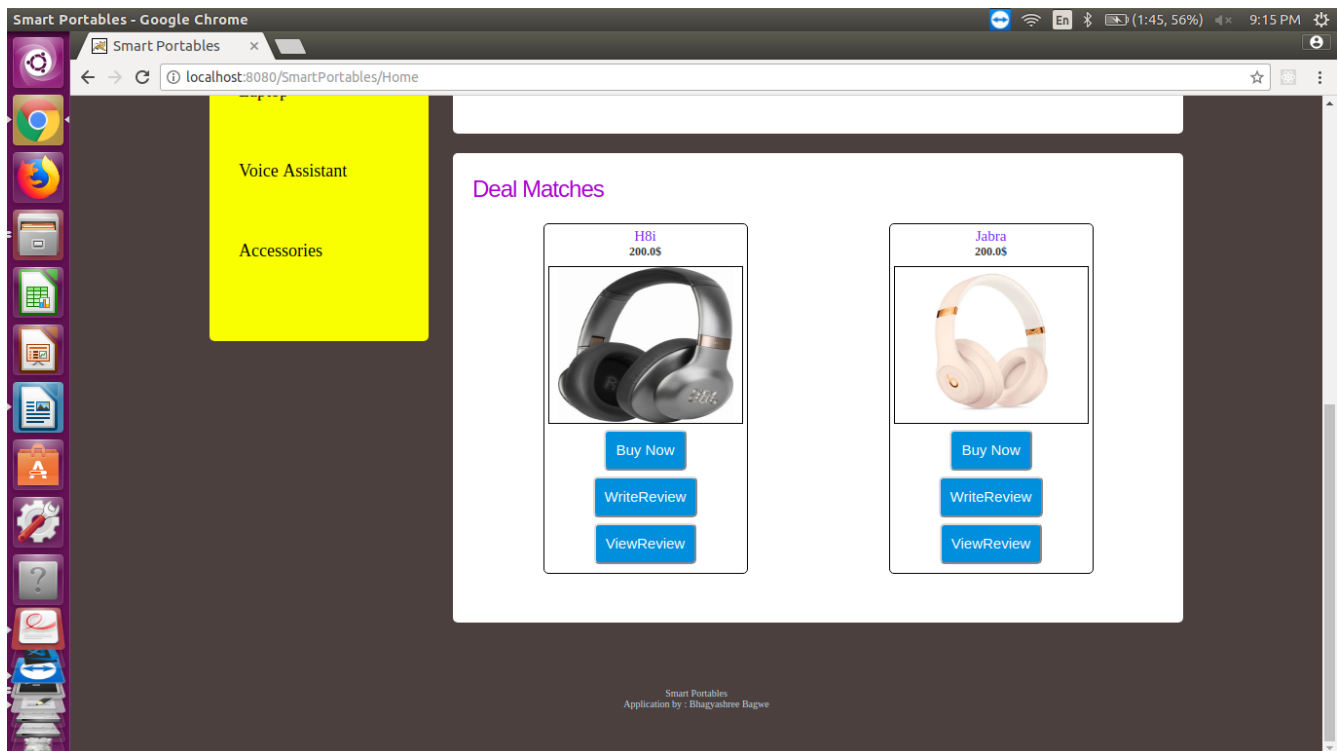Wearable Teachnology

Phone

Laptop

Voice Assistant
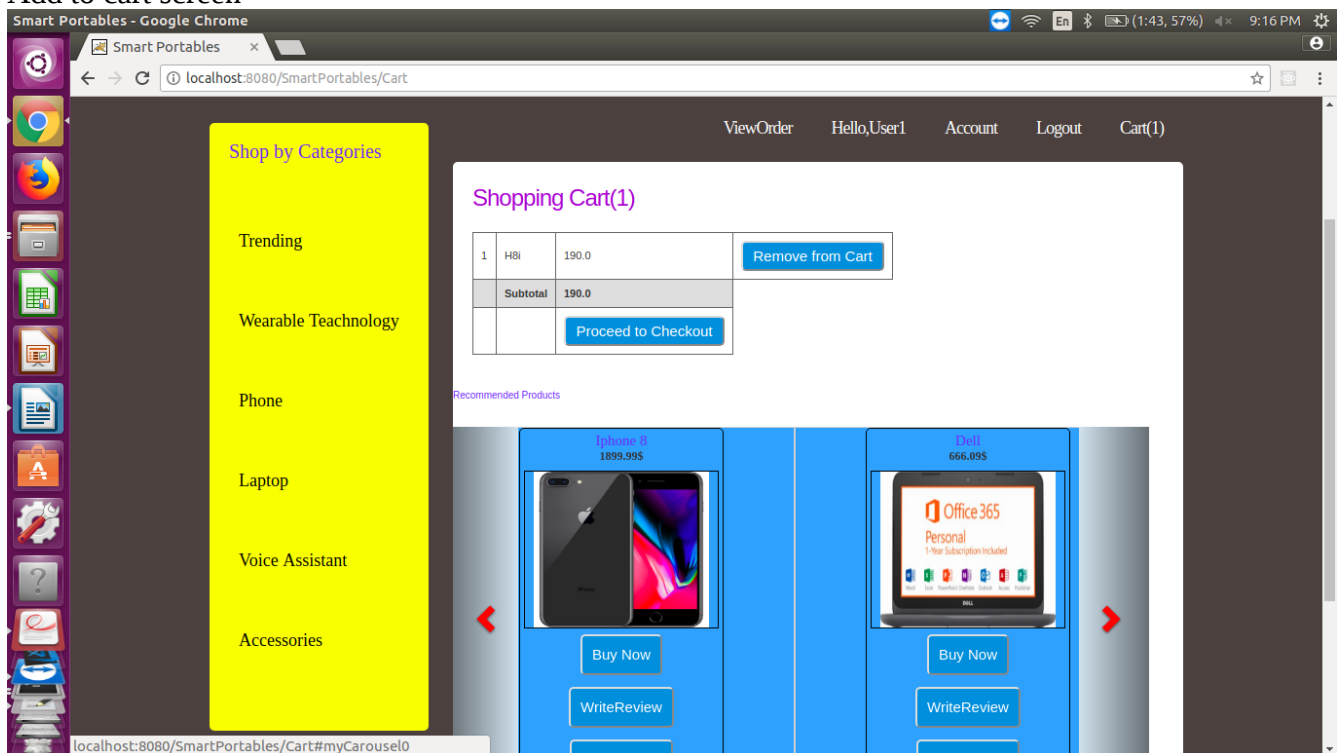
Welcome to Smart Portables

Todays' hot deals!

Save $60 on the Jabra Elite 65e Wireless Noise Canceling In Ear Headphones - Titanium Black. #Deal

Save $150 on the Bang and Olufsen Beoplay H8i Wireless Noise Canceling On Ear Headphones - Black. #Deal

It also displays the information from the applications database about those products and provides links to add that product to cart, write a review about it and read existing reviews about it.

Add to cart screen

Write review screen

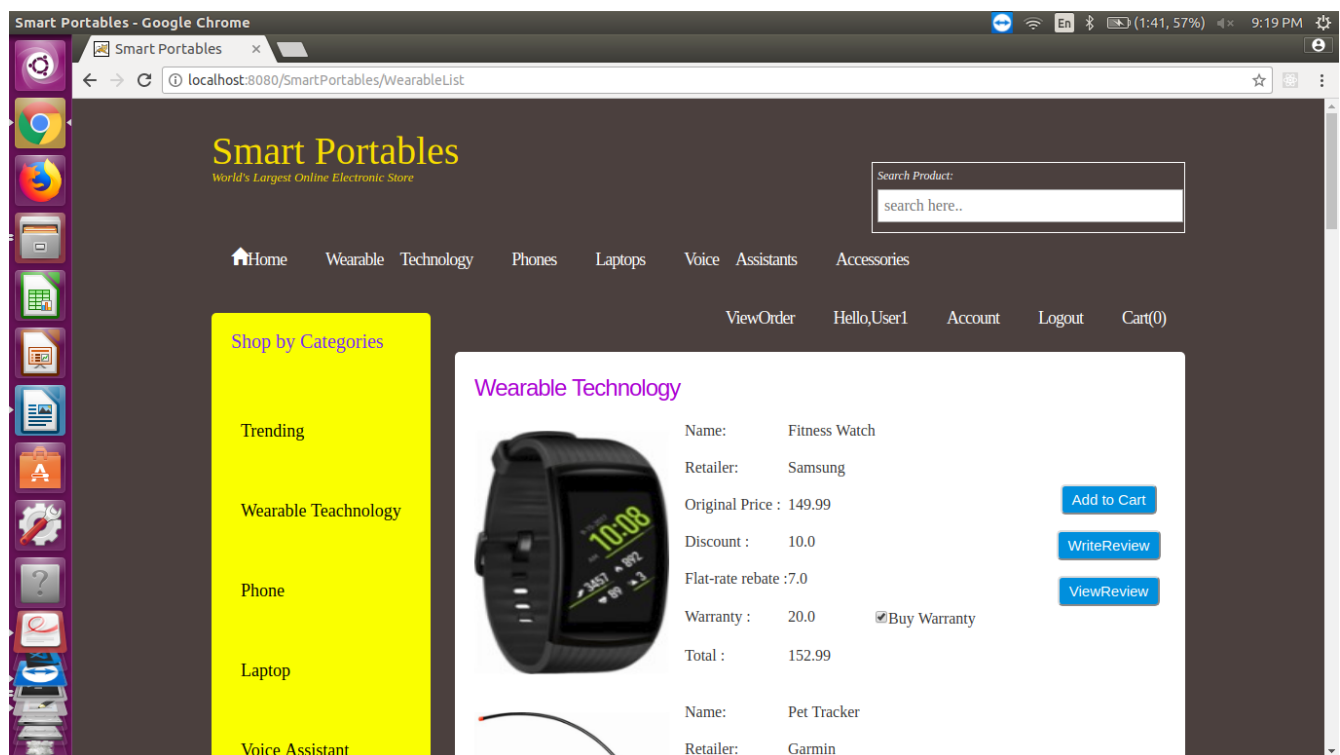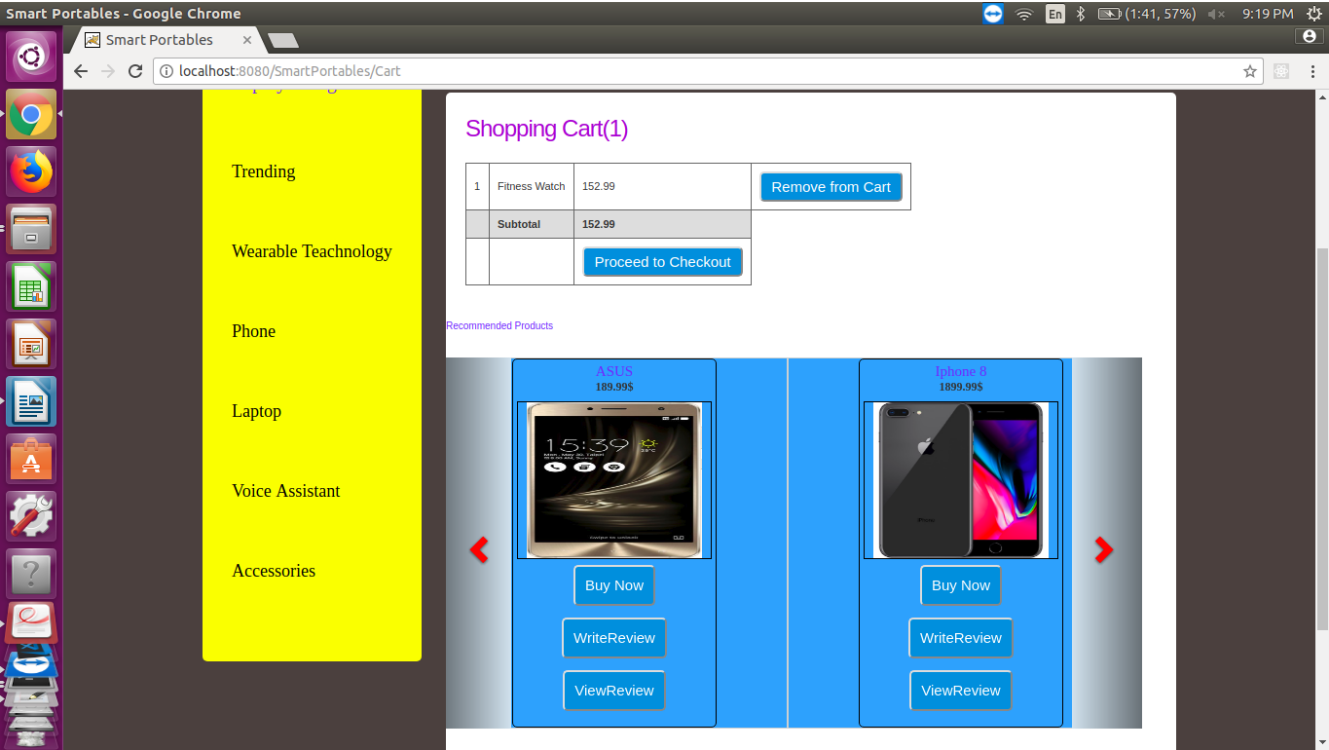## View review screen
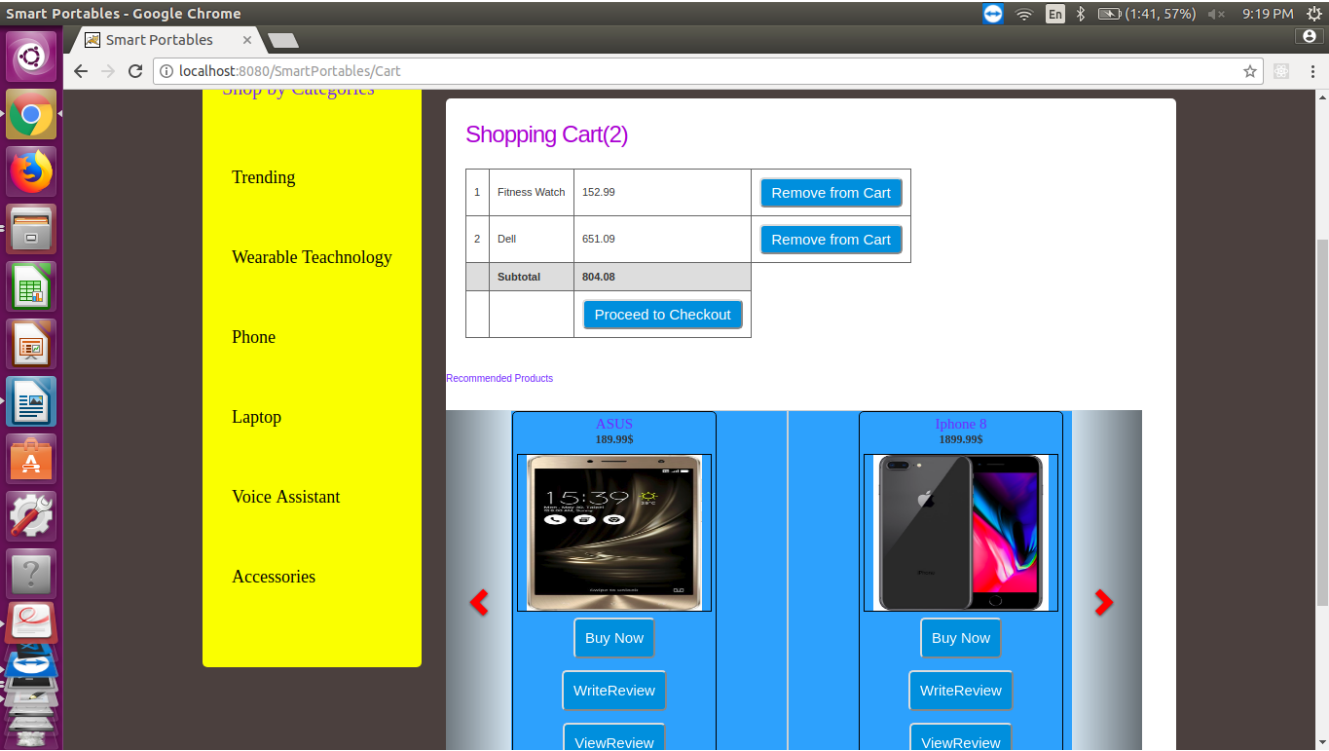
If no deals are present below screen will be shown:
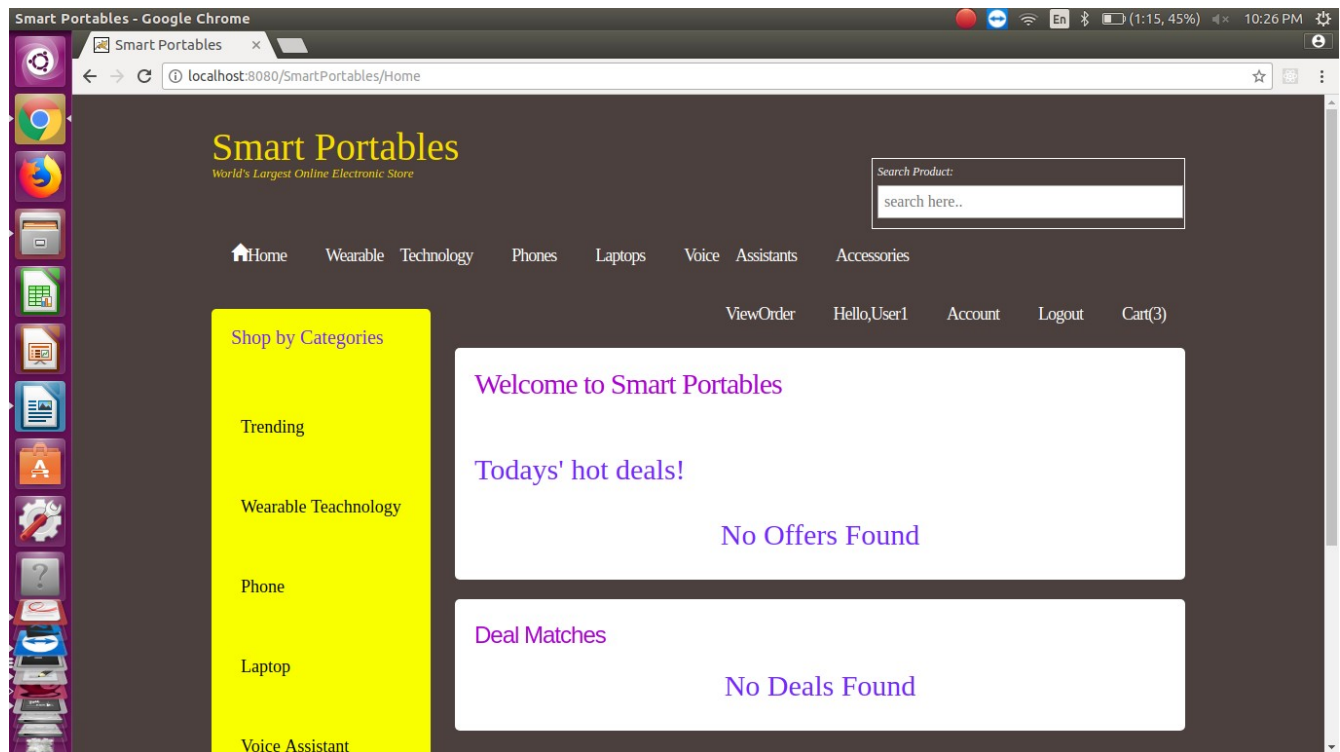
Part 1: Recommender Feature

Recommended products for user1 are shown below the cart in a carousel as shown in below screen shot:

Buy Now screen

Write review screen

View Review screen