1.Registration:

2.Registration Message:

3. SQL Server database:

	UserId	UserName	Password	Usertype	FirstName	LastName
▶	1	ashish	ashish	Customer	ashish	wagh
	2	saurabh	saurabh	Customer	saurabh	kale
	3	abhilash	abhilash	Customer	abhilash	abhilash
	4	rajiv	rajiv	Salesman	rajiv	rajiv
	5	ashish	ashish	Manager	ashish	ashish
	6	john	john	Customer	John	Walter
*	NULL	NULL	NULL	NULL	NULL	NULL

4. Trending Page (Customer):

Home | Wearable Technology | Voice Assistant/Smart Speaker | Headphones | Phones | Laptops | Trending | Hi john, Logout | ViewOrder | Cart(0)

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WEARABLE TECHNOLOGY

Fitness Watches LG

Samsung Smart Watches

Apple Smart/Fitness Watches

Virtual Reality

Pet Tracker

VOICE ASSISTANT/SMART SPEAKER

JBL Speaker

Sony Speaker

Beats Speaker

HEADPHONES

Sennheiser

SkullCandy

TOP 5 MOST LIKED PRODUCTS BASED ON REVIEW RATINGS

Number	Product Name	Ratings
1	Apple iPhone 6S 64GB GSM Unlocked Rose Gold	5
2	JBL Flip 4 Waterproof Portable Bluetooth Speaker	5
3	Apple iPhone 6S 64GB GSM Unlocked Rose Gold	5
4	Beats Solo3 Wireless Speakers	5
5	JBL Boombox Portable Bluetooth Waterproof Speaker	4

TOP 5 ZIPCODE WITH MAX NUMBER OF PRODUCT SOLD

Zip Code	Number of Products Sold
60616	6
411061	1
60613	1
60619	1
60617	1

TOP 5 MOST SOLD PRODUCTS

Product Name	Number of units sold
Sony MDRZX110NC Noise Cancelling Headphones	3
LG Smart Watch Urbane 2nd Edition 4G LTE	2

5. Adding Items to cart:

6. Order Placed:

7.SQL server:

UserName	Usertype	OrderName	OrderPrice	Address	ZipCc
ashish	Customer	Sony MDRZX110NC Noise Cancelling Headphones	99	3001 S King Drive Apt 502	60616
ashish	Customer	Sennheiser HD 650 Open Back Professional Headphone	99	3001 S King Drive Apt 502	60616
ashish	Customer	Apple MacBook Air MJVE2LL/A 13-inch Laptop	1049	3001 S King Drive Apt 502	60616
saurabh	Customer	Sony MDRZX110NC Noise Cancelling Headphones	99	3001 S King Drive Apt 502	60616
saurabh	Customer	Sony MDRZX110NC Noise Cancelling Headphones	99	3001 S King Drive Apt 502	60616
saurabh	Customer	LG Watch Sport Unlocked GSM	399	3001 S King Drive Apt 502	41106
saurabh	Customer	LG Smart Watch Urbane 2nd Edition 4G LTE	399	3001 S King Drive Apt 502	60616
saurabh	Customer	LG Smart Watch Urbane 2nd Edition 4G LTE	399	3001 S King Drive Apt 502	60613
saurabh	Customer	NEW Loc8tor Pet Handheld Finder Locator Cat	399	3001 S King Drive Apt 502	60619
saurabh	Customer	Beats Pill 2.0 Portable Speaker - Red	149	3001 S King Drive Apt 502	60617
john	Customer	Sennheiser HD1 Wireless Headphones with Active Noise Cancellation...	99	3001 S King Drive Apt 502	60616
john	Customer	Samsung Gear S2 Smartwatch - Dark Gray	399	3001 S King Drive Apt 502	60616
NULL	NULL	NULL	NULL	NULL	NULL

8. View Order:

SMARTPORTABLES
World's Best Online Smart Portables Device Shopping Market

Home | Wearable Technology | Voice Assistant/Smart Speaker | Headphones | Phones | Laptops | Trending | Hi john, Logout | ViewOrder | Cart(0)

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WEARABLE TECHNOLOGY

Fitness Watches LG
Samsung Smart Watches
Apple Smart/Fitness Watches
Virtual Reality
Pet Tracker

Order Details

OrderId	UserName	Product Ordered	Product Price	
14	john	Sennheiser HD1 Wireless Headphones with Active Noise Cancellation - Black	Price: 99.0	CANCELORDER

9. Order Cancel

10. Sql server:

UserName	Usertype	OrderName	OrderPrice	Address	ZipC...
ashish	Customer	Sony MDRZX110NC Noise Cancelling Headphones	99	3001 S King Drive Apt 502	60616
ashish	Customer	Sennheiser HD 650 Open Back Professional Headphone	99	3001 S King Drive Apt 502	60616
ashish	Customer	Apple MacBook Air MJVE2LL/A 13-inch Laptop	1049	3001 S King Drive Apt 502	60616
saurabh	Customer	Sony MDRZX110NC Noise Cancelling Headphones	99	3001 S King Drive Apt 502	60616
saurabh	Customer	Sony MDRZX110NC Noise Cancelling Headphones	99	3001 S King Drive Apt 502	60616
saurabh	Customer	LG Watch Sport Unlocked GSM	399	3001 S King Drive Apt 502	41106
saurabh	Customer	LG Smart Watch Urbane 2nd Edition 4G LTE	399	3001 S King Drive Apt 502	60616
saurabh	Customer	LG Smart Watch Urbane 2nd Edition 4G LTE	399	3001 S King Drive Apt 502	60613
saurabh	Customer	NEW Loc8tor Pet Handheld Finder Locator Cat	399	3001 S King Drive Apt 502	60619
saurabh	Customer	Beats Pill 2.0 Portable Speaker - Red	149	3001 S King Drive Apt 502	60617
john	Customer	Samsung Gear S2 Smartwatch - Dark Gray	399	3001 S King Drive Apt 502	60616
NULL	NULL	NULL	NULL	NULL	NULL

11.Login as Salesperson:

SMARTPORTABLES
World's Best Online Smart Portables Device Shopping Market

| Home | Wearable Technology | Voice Assistant/Smart Speaker | Headphones | Phones | Laptops | | Hi rajiv, Logout | ViewOrder |

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WEARABLE TECHNOLOGY

Fitness Watches LG

Samsung Smart Watches

Apple Smart/Fitness Watches

Order Details

OrderId	UserName	Product Ordered	Product Price	
15	john	Samsung Gear S2 Smartwatch - Dark Gray	Price: 399.0	UPDATETODELIVER

12. Order Update:

SMARTPORTABLES
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| Home | Wearable Technology | Voice Assistant/Smart Speaker | Headphones | Phones | Laptops | | Hi rajiv, Logout | ViewOrder |

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WEARABLE TECHNOLOGY

Fitness Watches LG

Samsung Smart Watches

Order Details
Your Order is updated.

13.Sql server:

OrderId	UserName	Usertype	OrderName	OrderPrice	Address	ZipCode	CardNumber	IsDelivered	DeliveryDate
4	ashish	Customer	Sony MDRZX110NC Noise Cancelling Headphones	99	3001 S King Drive Apt	60616	90909090	1	2018-10-12
5	ashish	Customer	Sennheiser HD 650 Open Back Professional Headph	99	3001 S King Drive Apt	60616	6767	1	2018-10-12
6	ashish	Customer	Apple MacBook Air MJVE2LL/A 13-inch Laptop	1049	3001 S King Drive Apt	60616	6767	0	2018-10-26
7	saurabh	Customer	Sony MDRZX110NC Noise Cancelling Headphones	99	3001 S King Drive Apt	60616	12121212121	0	2018-10-26
8	saurabh	Customer	Sony MDRZX110NC Noise Cancelling Headphones	99	3001 S King Drive Apt	60616	3333	0	2018-10-26
9	saurabh	Customer	LG Watch Sport Unlocked GSM	399	3001 S King Drive Apt	411061	21212321	0	2018-10-26
10	saurabh	Customer	LG Smart Watch Urbane 2nd Edition 4G LTE	399	3001 S King Drive Apt	60616	adasdasd	0	2018-10-26
11	saurabh	Customer	LG Smart Watch Urbane 2nd Edition 4G LTE	399	3001 S King Drive Apt	60613	2121212	0	2018-10-26
12	saurabh	Customer	NEW Loc8tor Pet Handheld Finder Locator Cat	399	3001 S King Drive Apt	60619	343434	0	2018-10-26
13	saurabh	Customer	Beats Pill 2.0 Portable Speaker - Red	149	3001 S King Drive Apt	60617	454545	0	2018-10-26
15	john	Customer	Samsung Gear S2 Smartwatch - Dark Gray	399	3001 S King Drive Apt	60616	12345678	1	2018-10-14
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

14.Write Review:

15.Write Review Page:

16. After Review submission:

17.Mongo db:

C:\Program Files\MongoDB\Server\4.0\bin\mongo.exe

Type" : "Headphones", "productMaker" : "Sennheiser", "reviewRating" : 1, "reviewDate" : "2018-10-03", "reviewText" : " Nive fcvbcvbc", "retailerpin" : "60616", "retailercit
y" : "chicago", "price" : 99 }
{ "_id" : ObjectId("5bc138b4d26fd433d0aa38ff"), "title" : "myReviews", "userName" : "ashish", "productName" : "Apple MacBook Air MJVE2LL/A 13-inch Laptop", "productType" : "
Laptop", "productMaker" : "Apple", "reviewRating" : 3, "reviewDate" : "2018-10-03", "reviewText" : " Very nice", "retailerpin" : "60616", "retailercity" : "chicago", "pric
e : 1049 }
{ "_id" : ObjectId("5bc13905d26fd433d0aa3902"), "title" : "myReviews", "userName" : "ashish", "productName" : "Apple iPhone 6S 64GB GSM Unlocked Rose Gold", "productType" :
"Phones", "productMaker" : "Apple", "reviewRating" : 1, "reviewDate" : "2018-10-09", "reviewText" : " asdasdasdasdasd", "retailerpin" : "60616", "retailercity" : "chicago"
, "price" : 499 }
{ "_id" : ObjectId("5bc13c78d26fd41f545accad"), "title" : "myReviews", "userName" : "ashish", "productName" : "Apple iPhone 6S 64GB GSM Unlocked Rose Gold", "productType" :
"Phones", "productMaker" : "Apple", "reviewRating" : 5, "reviewDate" : "2018-01-01", "reviewText" : " QQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQ", "retailerpin" : "60616", "retailercit
y" : "chicago", "price" : 499 }
{ "_id" : ObjectId("5bc14c71d26fd41fe0884a9c"), "title" : "myReviews", "userName" : "saurabh", "productName" : "JBL Flip 4 Waterproof Portable Bluetooth Speaker", "productT
ype" : "Speakers", "productMaker" : "JBL", "reviewRating" : 5, "reviewDate" : "2018-10-27", "reviewText" : " asdasaddasdsadasd", "retailerpin" : "60616", "retailercity" : "
chicago", "price" : 149 }
{ "_id" : ObjectId("5bc14ca4d26fd41fe0884aa3"), "title" : "myReviews", "userName" : "saurabh", "productName" : "JBL Boombox Portable Bluetooth Waterproof Speaker ", "produc
tType" : "Speakers", "productMaker" : "JBL", "reviewRating" : 4, "reviewDate" : "2018-10-21", "reviewText" : " 123123123123", "retailerpin" : "60616", "retailercity" : "chi
cago", "price" : 149 }
{ "_id" : ObjectId("5bc1596ad26fd41fe0884abf"), "title" : "myReviews", "userName" : "saurabh", "productName" : "Sennheiser HD 650 Open Back Professional Headphone", "produc
tType" : "Headphones", "productMaker" : "Sennheiser", "reviewRating" : 1, "reviewDate" : "", "reviewText" : " ", "retailerpin" : "q", "retailercity" : "chicago", "price" :
99 }
{ "_id" : ObjectId("5bc15cf1d26fd424e4262055"), "title" : "myReviews", "userName" : "saurabh", "productName" : "Apple iPhone 6S 64GB GSM Unlocked Rose Gold", "productType"
: "Phones", "productMaker" : "Apple", "reviewRating" : 5, "reviewDate" : "2018-08-16", "reviewText" : " ", "retailerpin" : "60616", "retailercity" : "chicago", "price" : 49
9 }
{ "_id" : ObjectId("5bc15dc9d26fd424e426205c"), "title" : "myReviews", "userName" : "saurabh", "productName" : "Beats Solo3 Wireless Speakers", "productType" : "Speakers",
"productMaker" : "Beats", "reviewRating" : 5, "reviewDate" : "2018-10-02", "reviewText" : " sdasdasdasdasdasd", "retailerpin" : "60616", "retailercity" : "chicago", "price"
: 149 }
{ "_id" : ObjectId("5bc36515d26fd43d68209c10"), "title" : "myReviews", "userName" : "john", "productName" : "Apple iPhone 6S 64GB GSM Unlocked Rose Gold", "productType" :
"Phones", "productMaker" : "Apple", "reviewRating" : 4, "reviewDate" : "2018-10-14", "reviewText" : " This product is very Nice.", "retailerpin" : "60616", "retailercity" :
"Chicago", "price" : 499 }

18. Read Review:

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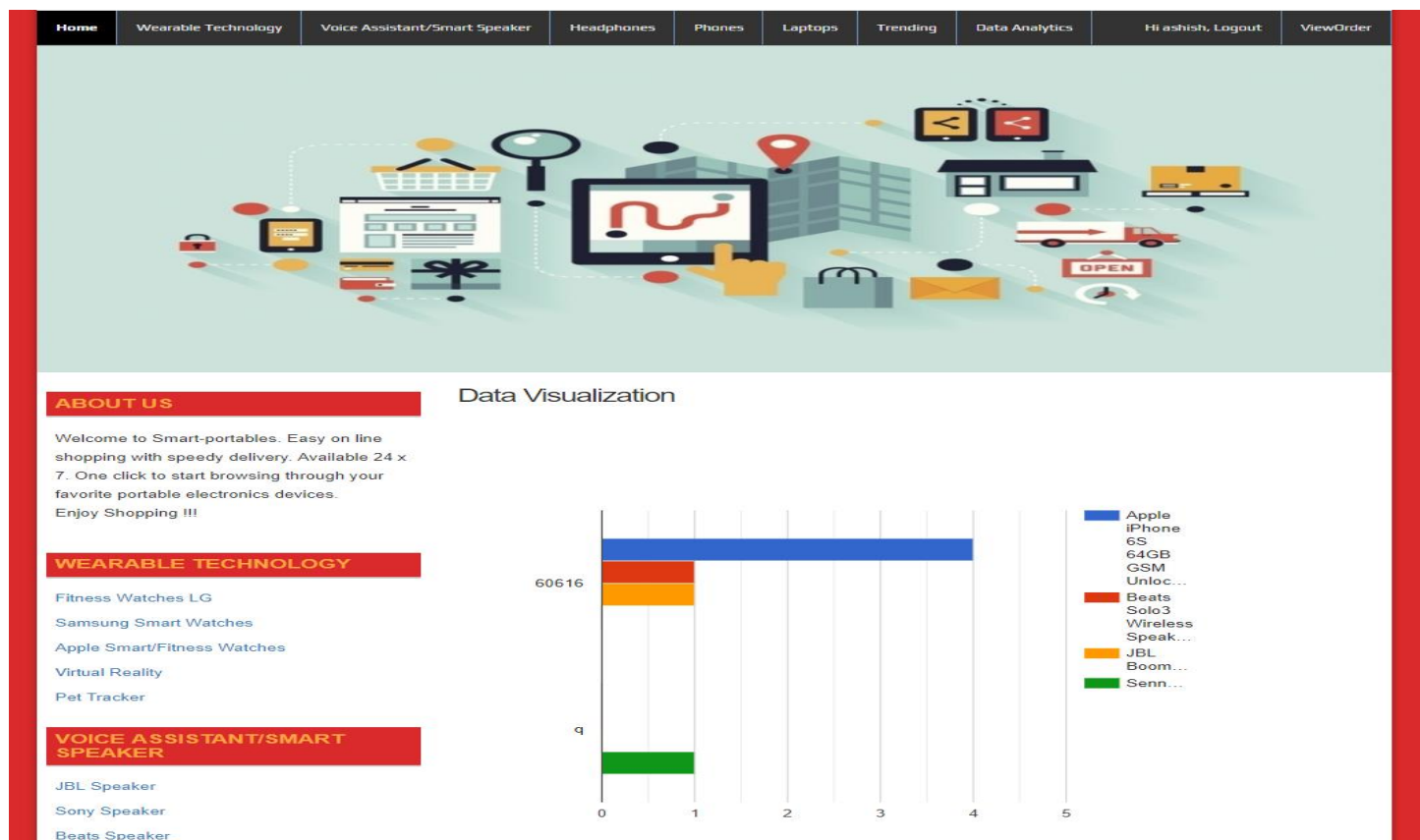
WEARABLE TECHNOLOGY

Fitness Watches LG
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Virtual Reality
Pet Tracker

VOICE ASSISTANT/SMART SPEAKER

JBL Speaker
Sony Speaker
Beats Speaker

HEADPHONES

Sennheiser
SkullCandy
Sony

PHONES

Apple
One Plus
Samsung

LAPTOPS

Dell
HP
Apple

SEARCH

Reviews

Product Name:	Apple iPhone 6S 64GB GSM Unlocked Rose Gold
User Name:	ashish
Price:	499
Retailer City:	chicago
Review Rating:	1
Review Date:	2018-10-09
Review Text:	asdasdasdasdasd

Product Name:	Apple iPhone 6S 64GB GSM Unlocked Rose Gold
User Name:	ashish
Price:	499
Retailer City:	chicago
Review Rating:	5
Review Date:	2018-01-01
Review Text:	QQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQ

Product Name:	Apple iPhone 6S 64GB GSM Unlocked Rose Gold
User Name:	saurabh
Price:	499
Retailer City:	chicago
Review Rating:	5
Review Date:	2018-08-16
Review Text:	

Product Name:	Apple iPhone 6S 64GB GSM Unlocked Rose Gold
User Name:	john
Price:	499
Retailer City:	Chicago
Review Rating:	4
Review Date:	2018-10-14
Review Text:	This product is very Nice.

19. Mongo db server not running:

20. Manager Trending and Data Analytics Links:

21. Manager Trending Page

22. Data Visualization:

23. Data Analytics Page:

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Fitness Watches LG
Samsung Smart Watches
Apple Smart/Fitness Watches
Virtual Reality
Pet Tracker

VOICE ASSISTANT/SMART SPEAKER

JBL Speaker
Sony Speaker

Data Analytics on Review

☐ Select **Product Name:** All Products ▼

☐ Select **Product Price:** 0   ⦿ Equals / ◯ Greater Than / ◯ Less Than

☑ Select **Review Rating:** 5 ▼   ⦿ Equals / ◯ Greater Than

☐ Select **Retailer City:** chicago

☑ Select **Retailer Zip code:**

☐ Group By   City ▼   ⦿ Count / ◯ Detail

FIND DATA

24. Data Analytics:

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Samsung Smart Watches
Apple Smart/Fitness Watches
Virtual Reality
Pet Tracker

VOICE ASSISTANT/SMART SPEAKER

JBL Speaker
Sony Speaker
Beats Speaker

HEADPHONES

Sennheiser
SkullCandy
Sony

PHONES

Apple
One Plus
Samsung

LAPTOPS

Dell

Data Analytics on Review

Review	
Name:	Apple iPhone 6S 64GB GSM Unlocked Rose Gold
Rating:	5
Price:	499
Retailer City:	chicago
Date:	2018-01-01
Review Text:	QQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQ
Retailer ZipCode:	60616

Review	
Name:	JBL Flip 4 Waterproof Portable Bluetooth Speaker
Rating:	5
Price:	149
Retailer City:	chicago
Date:	2018-10-27
Review Text:	asdasaddasdsadasd
Retailer ZipCode:	60616

Review	
Name:	Apple iPhone 6S 64GB GSM Unlocked Rose Gold
Rating:	5
Price:	499
Retailer City:	chicago
Date:	2018-08-16
Review Text:	
Retailer ZipCode:	60616