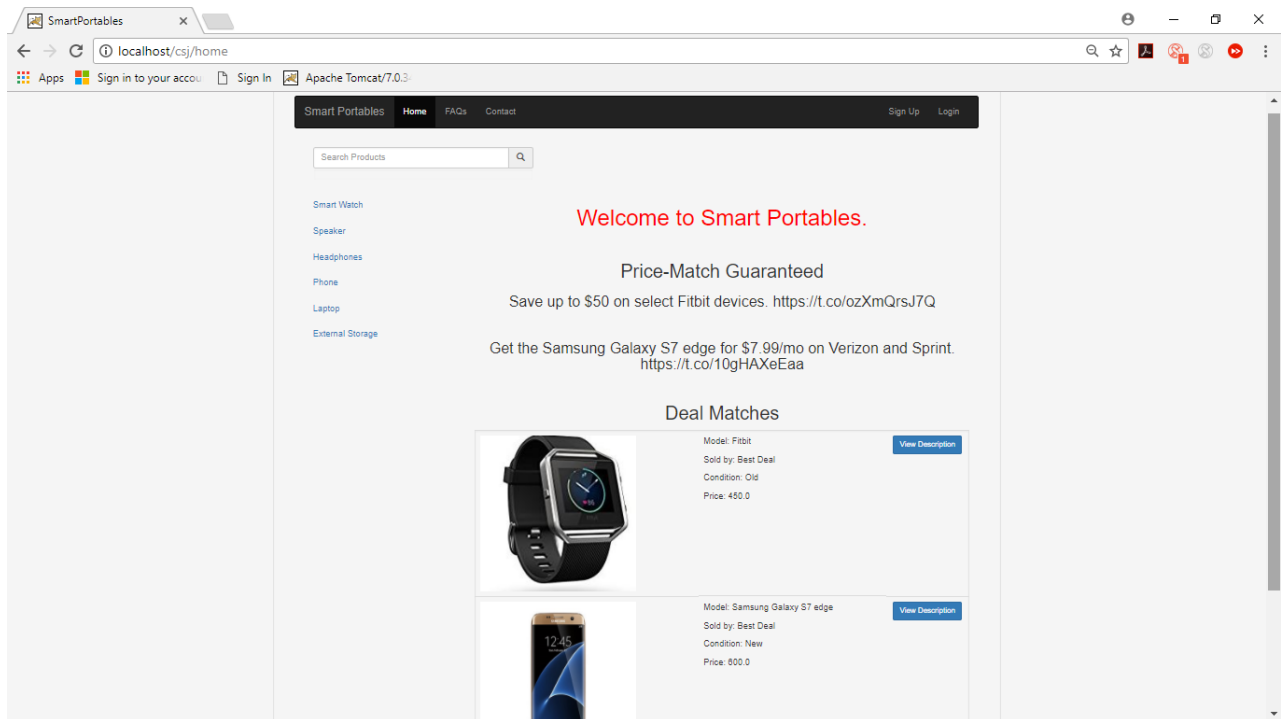
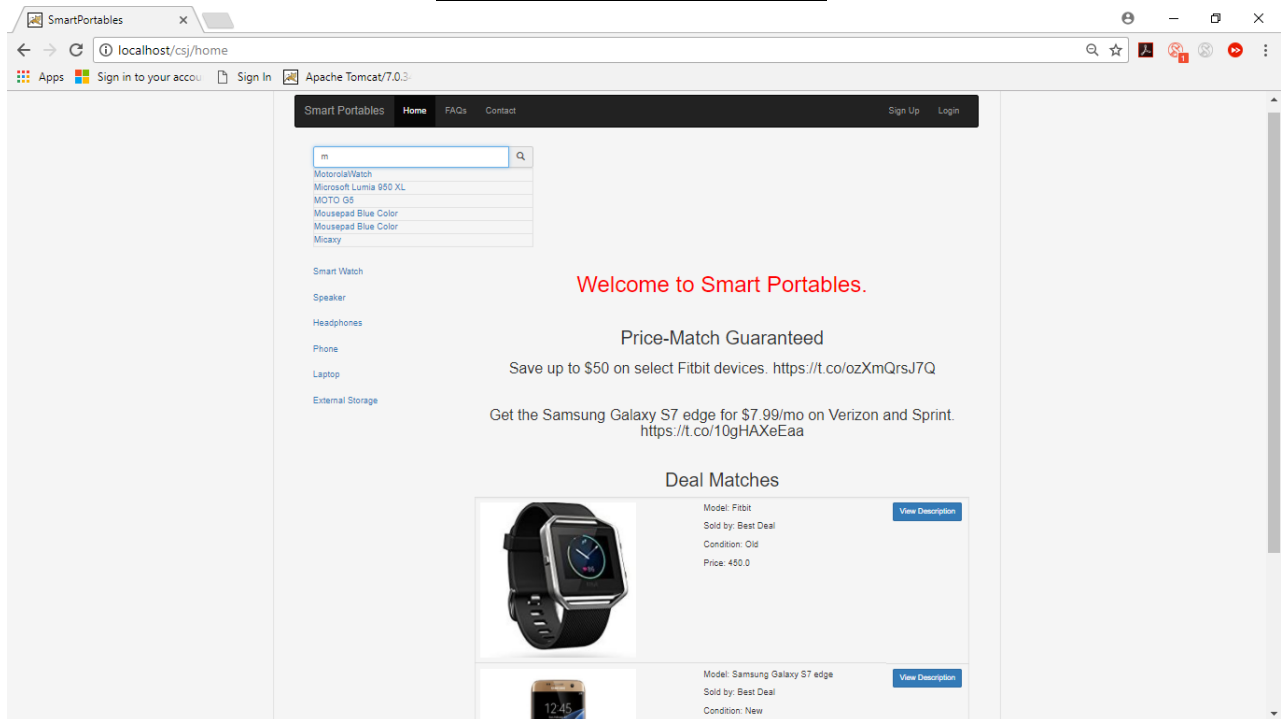


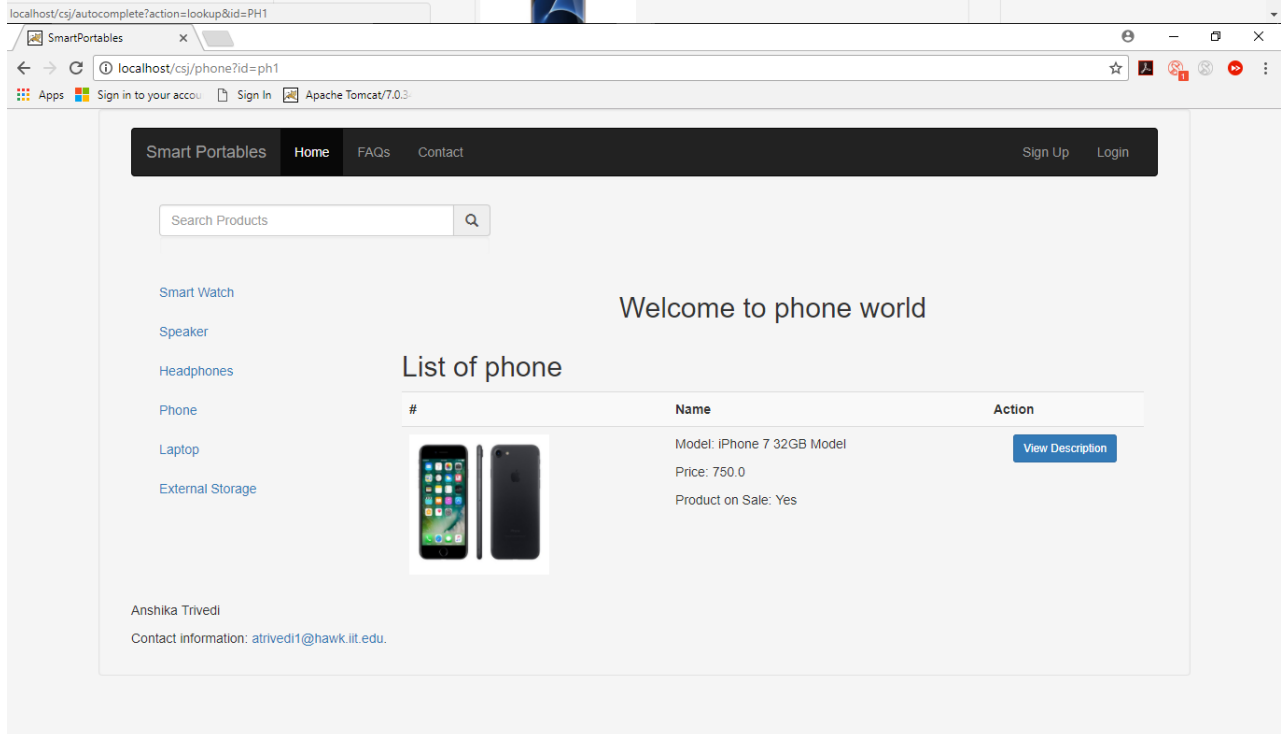
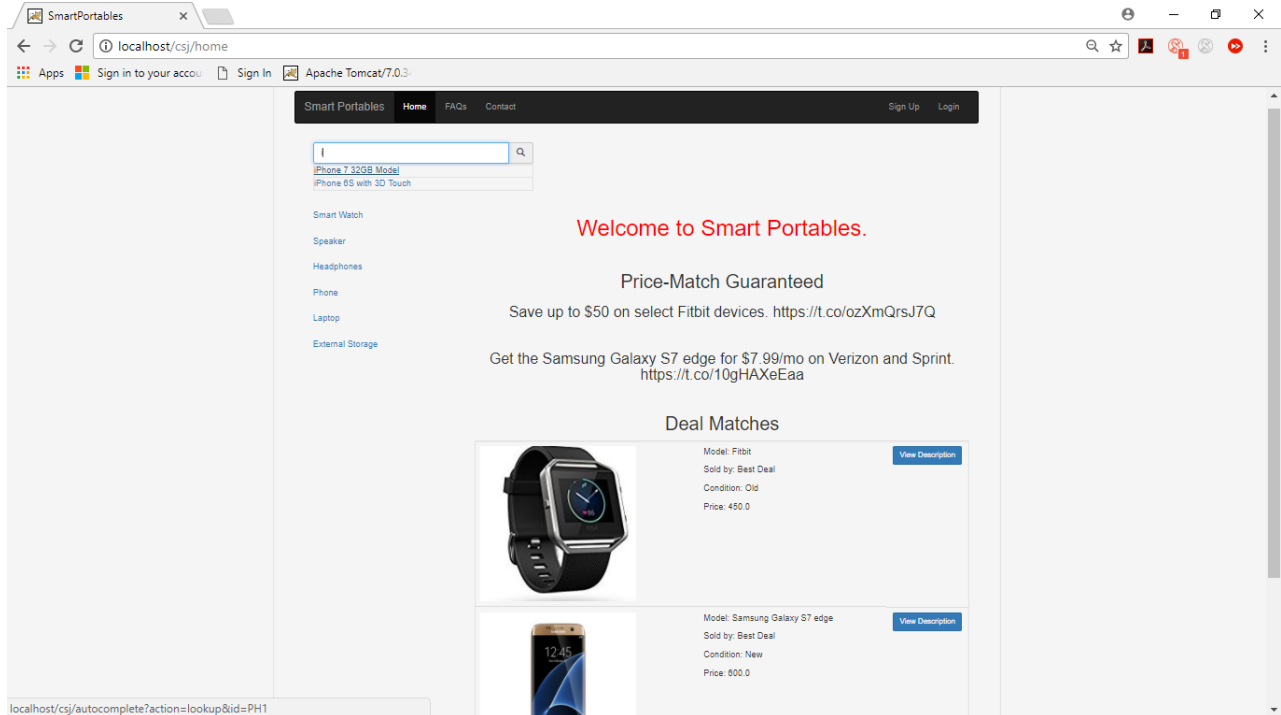
WELCOME PAGE WITH SEARCH BOX AND TWITTER DEAL MATCHES



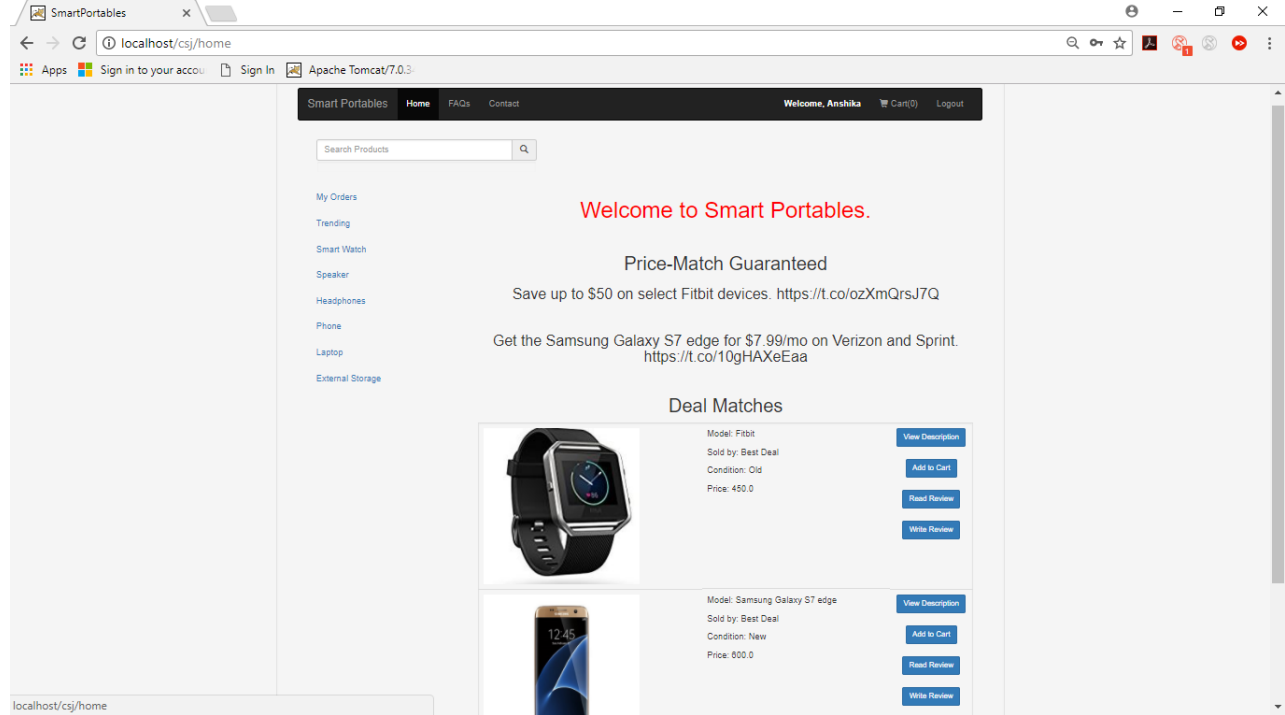
SEARCHING PRODUCT BY NAME



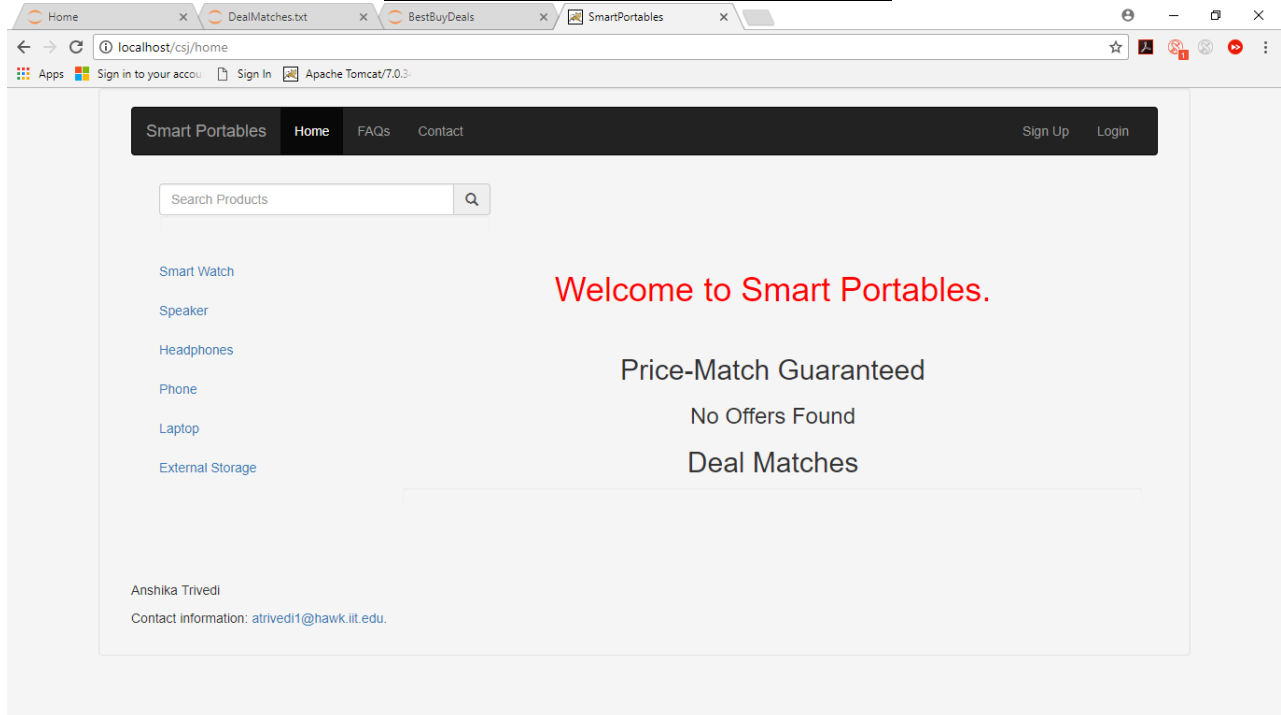
SELECTING iPhone7 PRODUCT



WELCOME PAGE: LOGIN AS CUSTOMER



WELCOME PAGE: IF NO DEALS AVAILABLE



LOGIN AS STOREMANAGER

SmartPortables

localhost/csj/login

SmartPortables Home FAQs Contact Sign Up Login

Search Products

Smart Watch
Speaker
Headphones
Phone
Laptop
External Storage

Login

Username

Password

User Role

Not a member? [Sign Up](#)

[Login](#)

SmartPortables

localhost/csj/home

SmartPortables Home FAQs Contact Welcome, Storemanager Logout

Search Products

Add Product
Update Product
Delete Product
Inventory Report
Sales Report



Welcome to Smart Portables.

Price-Match Guaranteed

Save up to \$50 on select Fitbit devices. <https://t.co/ozXmQrsJ7Q>

Get the Samsung Galaxy S7 edge for \$7.99/mo on Verizon and Sprint. <https://t.co/10gHAXeEaa>

Deal Matches

	Model: Fitbit Sold by: Best Deal Condition: Old Price: 450.0	View Description Read Review Write Review
	Model: Samsung Galaxy S7 edge Sold by: Best Deal Condition: New Price: 600.0	View Description Read Review Write Review

localhost/csj/home

ADD NEW PRODUCT

SmartPortables x

localhost/csj/addproduct

Apps Sign in to your account Sign In Apache Tomcat/7.0.3 javascript - How To d

[Sales Report](#)

Product Type

Name

Product Condition

Product Price

Product Quantity

Retailer

Retailer Discount

Manufacture

Manufacture Rebate

Product on Sale

SmartPortables x

localhost/csj/addproduct

Apps Sign in to your account Sign In Apache Tomcat/7.0.3 javascript - How To d

Smart Portables **Home** FAQs Contact Welcome, Storemanager Logout

Product is successfully added

[Home Page](#)
Anshika Trivedi
Contact information: atrivedi1@hawk.iit.edu.

NEW PRODUCT ADDED IN speaker.xml

C:\apache-tomcat-7.0.34\webapps\csj\WEB-INF\Speaker.xml (csj) - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

FOLDERS

- csj
 - css
 - images
 - src
 - WEB-INF
 - classes
 - Accessory.xml
 - ExternalStorage.xml
 - Headphone.xml
 - Laptop.xml
 - Phone.xml
 - SmartWatch.xml
 - Speaker.xml**
 - web.xml
 - addCustomer.html
 - addproduct.html
 - cart.html
 - chart.html
 - checkout.html
 - content.html
 - deleteproduct.html
 - footer.html
 - header.html
 - index.html
 - leftNavigation.html
 - login.html
 - myOrder.html
 - product.html
 - readreview.html
 - signUp.html

```
111 <condition>UIA</condition>
112 <price>450.0</price>
113 <retailer>Best Deal</retailer>
114 <manufacturer>logitech</manufacturer>
115 <RETAILER_DISCOUNT>0.0</RETAILER_DISCOUNT>
116 <MANUFACTURER_REBATE>0.0</MANUFACTURER_REBATE>
117 <onsale>Yes</onsale>
118 <quantity>15</quantity>
119 </speaker>
120 <speaker>
121 <id>SP9</id>
122 <image>images/speakers/sonos.JPG</image>
123 <name>Sonos</name>
124 <condition>Old</condition>
125 <price>450.0</price>
126 <retailer>Best Deal</retailer>
127 <manufacturer>Sonos</manufacturer>
128 <RETAILER_DISCOUNT>0.0</RETAILER_DISCOUNT>
129 <MANUFACTURER_REBATE>0.0</MANUFACTURER_REBATE>
130 <onsale>Yes</onsale>
131 <quantity>8</quantity>
132 </speaker>
133 <speaker>
134 <id>SP7635d5ed-fb01-40cb-9027-f1ab65c73209</id>
135 <image>images/loading.gif</image>
136 <name>Test Speaker</name>
137 <condition>New</condition>
138 <price>22.0</price>
139 <retailer>Best Buy</retailer>
140 <manufacturer>Manufacture</manufacturer>
141 <RETAILER_DISCOUNT>10.0</RETAILER_DISCOUNT>
142 <MANUFACTURER_REBATE>33.0</MANUFACTURER_REBATE>
143 <onsale>Yes</onsale>
144 <quantity>15</quantity>
145 </speaker>
146 </ProductCatalog>
147
```

NEW PRODUCT IN DATABASE

MySQL Workbench

Local instance MySQL57 x

File Edit View Query Database Server Tools Scripting Help

sql movieHub

Limit to 1000 rows

```
57 PRIMARY KEY (productId)
58 );
59
60 show tables;
61
62 SELECT * FROM UserDetail;
63 SELECT * FROM CustomerOrder;
64 SELECT * FROM Product;
65
66 SELECT productId, productName, productPrice, productQuantity FROM Product ORDER BY productQuantity;
67 SELECT productId, productName, manufactureRebate FROM Product WHERE manufactureRebate > 0 ORDER BY manufactureRebate DESC;
68 SELECT productName FROM Product WHERE productOnSale LIKE 'Yes';
69
```

Result Grid

productId	productName	manufacturer	productQuantity	productPrice	imageSrc	productCondition	retailer	retailerDiscount	manufactureRebate	productCategory
SM4	Fibbit	Apple	8	450	images/smartWatches/fibbit.JPG	Old	Best Deal	0	0	smartWatch
SM5	LG	Apple	9	450	images/smartWatches/LG.JPG	Old	Best Deal	0	35	smartWatch
SM6	Motorola	Apple	12	450	images/smartWatches/motorola.JPG	Old	Best Deal	0	0	smartWatch
SM7	Pandoo	Apple	15	450	images/smartWatches/pandoo.JPG	Old	Best Deal	0	0	smartWatch
SM8	Pebble	Apple	10	450	images/smartWatches/pebble.JPG	Old	Best Deal	0	0	smartWatch
SM9	Samsuno Dial	Apple	9	450	images/smartWatches/samsuno1.JPG	Old	Best Deal	0	0	smartWatch
SP1	JBL	JBL	10	450	images/speakers/jbl.JPG	Old	Best Deal	0	5	speaker
SP10	Sonrv	Sonrv	20	450	images/speakers/sonrv.JPG	Old	Best Deal	0	0	speaker
SP2	Anker	Anker	9	450	images/speakers/anker.JPG	Old	Best Deal	0	10	speaker
SP3	Bose	Bose	10	450	images/speakers/bose.JPG	Old	Best Deal	0	15	speaker
SP4	Dell	Dell	11	450	images/speakers/dell.JPG	Old	Best Deal	0	0	speaker
SP5	Doss	Doss	5	450	images/speakers/doss.JPG	Old	Best Deal	0	0	speaker
SP6	JBL Plus Boom	JBL	8	450	images/speakers/jblplus.JPG	Old	Best Deal	0	0	speaker
SP7	Logitech	logitech	15	450	images/speakers/logitech.JPG	Old	Best Deal	0	0	speaker
SP7635d5ed-fb01-40cb-9027-f1ab65c73209	Test Speaker	Manufacture	15	22	images/loading.gif	New	Best Buy	10	33	speaker
SP8	Micavv	Micavv	12	450	images/speakers/micavv.JPG	Old	Best Deal	0	0	speaker
SP9	Sonos	Sonos	8	450	images/speakers/sonos.JPG	Old	Best Deal	0	0	speaker
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Product 6 x

Output

ADDED ANOTHER PRODUCT REFLECTS IN THE PRODUCT LIST FOR SALE

SmartPortables

← → ↻ localhost/csj/smartWatch Apache Tomcat/7.0.3 javascript - How To

Apps Sign in to your account Sign In



Smart Portables Home FAQs Contact Sign Up Login

Search Products

[Smart Watch](#)
[Speaker](#)
[Headphones](#)
[Phone](#)
[Laptop](#)
[External Storage](#)

Welcome to smartWatch world

List of smartWatch

#	Name	Action
 Loading...	Model: TEST WATCH Price: 55.0 Product on Sale: Yes	View Description
	Model: Samsung Plus Price: 450.0 Product on Sale: Yes	View Description

UPDATE THE ADDED PRODUCT

SmartPortables

localhost/csj/updateproduct

AppsSign in to your accountSign InApache Tomcat/7.0.3javascript - How To d

Model: Dell 250 GB	Update
Model: Samsung galaxy	Update
Model: Lenovo Y series	Update
Model: Sony Xperia	Update
Model: Test Speaker	Update
Model: iPhone 7 32GB Model	Update
Model: Nexus 6P 32GB GSM	Update
Model: Samsung Galaxy S7 edge	Update
Model: iPhone 6S with 3D Touch	Update
Model: Microsoft Lumia 950 XL	Update
Model: LG	Update
Model: HTC	Update
Model: Nokia 3D Touch	Update
Model: MOTO G5	Update
Model: Samsung charging cable	Update

SmartPortables

localhost/csj/updateproduct

AppsSign in to your accountSign InApache Tomcat/7.0.3javascript - How To d

[Add Product](#)
[Update Product](#)
[Delete Product](#)
[Inventory Report](#)
[Sales Report](#)

Product ID:

SP7635d5ed-fb01-40cb-9027-f1ab65c73209

Category:

speaker

Product Name:

Test Speaker xxx

Product Quantity:

51

Manufacturer:

Manufacture

Condition:

Old

Retailer:

Best Buy

Retailer Discount:

10.0

Manufacture Rebate:

33.0

Product On Sale:

Yes

Product Price:

22.0

Update Product

Anshika Trivedi

UPDATE REFLECTED IN xml FILE

C:\apache-tomcat-7.0.34\webapps\csj\WEB-INF\Speaker.xml (csj) - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

FOLDERS

- csj
 - css
 - images
 - src
 - WEB-INF
 - classes
 - Accessory.xml
 - ExternalStorage.xml
 - Headphone.xml
 - Laptop.xml
 - Phone.xml
 - SmartWatch.xml
 - Speaker.xml
 - web.xml
 - addCustomer.html
 - addproduct.html
 - cart.html
 - chart.html
 - checkout.html
 - content.html
 - deleteproduct.html
 - footer.html
 - header.html
 - index.html
 - leftNavigation.html
 - login.html
 - myOrder.html
 - product.html
 - readreview.html
 - signUp.html

```
5 <image>images/speakers/anker.JPG</image>
6 <name>Anker</name>
7 <condition>Old</condition>
8 <price>450.0</price>
9 <retailer>Best Deal</retailer>
10 <manufacturer>Anker</manufacturer>
11 <RETAILER_DISCOUNT>0.0</RETAILER_DISCOUNT>
12 <MANUFACTURER_REBATE>10.0</MANUFACTURER_REBATE>
13 <onsale>Yes</onsale>
14 <quantity>9</quantity>
15 </speaker>
16 <speaker>
17 <id>SP7635d5ed-fb01-40cb-9027-f1ab65c73209</id>
18 <image>images/loading.gif</image>
19 <name>Test Speaker xxx</name>
20 <condition>Old</condition>
21 <price>22.0</price>
22 <retailer>Best Buy</retailer>
23 <manufacturer>Manufacture</manufacturer>
24 <RETAILER_DISCOUNT>10.0</RETAILER_DISCOUNT>
25 <MANUFACTURER_REBATE>33.0</MANUFACTURER_REBATE>
26 <onsale>Yes</onsale>
27 <quantity>51</quantity>
28 </speaker>
29 <speaker>
30 <id>SP1</id>
31 <image>images/speakers/jbl.JPG</image>
32 <name>JBL</name>
33 <condition>Old</condition>
34 <price>450.0</price>
35 <retailer>Best Deal</retailer>
36 <manufacturer>JBL</manufacturer>
37 <RETAILER_DISCOUNT>0.0</RETAILER_DISCOUNT>
38 <MANUFACTURER_REBATE>5.0</MANUFACTURER_REBATE>
39 <onsale>Yes</onsale>
40 <quantity>10</quantity>
41 </speaker>
42 <speaker>
43 <id>SP4</id>
44 <image>images/speakers/dell.JPG</image>
45 <name>Dell</name>
46 <condition>Old</condition>
47 <price>450.0</price>
48 <retailer>Best Deal</retailer>
```

UPDATE REFLECTED IN DATABASE

MySQL Workbench

Local instance MySQL57 x

File Edit View Query Database Server Tools Scripting Help

Limit to 1000 rows

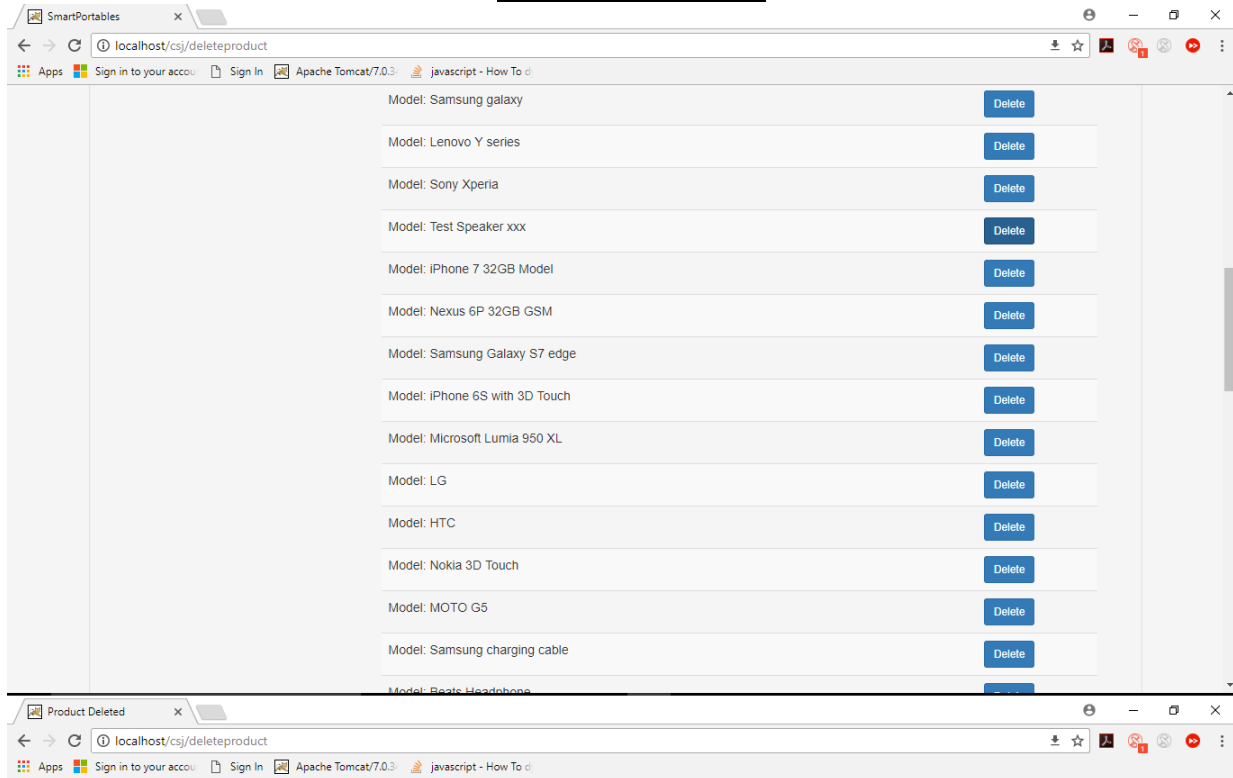
```
57 PRIMARY KEY (productId)
58 );
59
60 show tables;
61
62 SELECT * FROM UserDetail;
63 SELECT * FROM CustomerOrder;
64 SELECT * FROM Product;
65
66 SELECT productId, productName, productPrice, productQuantity FROM Product ORDER BY productQuantity;
67 SELECT productId, productName, manufactureRebate FROM Product WHERE manufactureRebate > 0 ORDER BY manufactureRebate DESC;
68 SELECT productName FROM Product WHERE productOnSale LIKE 'Yes';
69
```

productId	productName	manufacturer	productQuantity	productPrice	imageSrc	productCondition	retailer	retailerDiscount	manufactureRebate	productCategory
SM4	Fitbit	Apple	8	450	images/smartWatches/fitbit.JPG	Old	Best Deal	0	0	smartWatch
SM5	LG	Apple	9	450	images/smartWatches/LG.JPG	Old	Best Deal	0	35	smartWatch
SM6	Motorola	Apple	12	450	images/smartWatches/motorola.JPG	Old	Best Deal	0	0	smartWatch
SM7	Pandoo	Apple	15	450	images/smartWatches/pandoo.JPG	Old	Best Deal	0	0	smartWatch
SM8	Pebble	Apple	10	450	images/smartWatches/pebble.JPG	Old	Best Deal	0	0	smartWatch
SM9	Samsung Dial	Apple	9	450	images/smartWatches/samsung1.JPG	Old	Best Deal	0	0	smartWatch
SP1	JBL	JBL	10	450	images/speakers/jbl.JPG	Old	Best Deal	0	5	speaker
SP10	Soniv	Soniv	20	450	images/speakers/soniv.JPG	Old	Best Deal	0	0	speaker
SP2	Anker	Anker	9	450	images/speakers/anker.JPG	Old	Best Deal	0	10	speaker
SP3	Bose	Bose	10	450	images/speakers/bose.JPG	Old	Best Deal	0	15	speaker
SP4	Dell	Dell	11	450	images/speakers/dell.JPG	Old	Best Deal	0	0	speaker
SP5	Doss	Doss	5	450	images/speakers/doss.JPG	Old	Best Deal	0	0	speaker
SP6	JBL Plus Boom	JBL	8	450	images/speakers/jblplus.JPG	Old	Best Deal	0	0	speaker
SP7	Lootech	lootech	15	450	images/speakers/lootech.JPG	Old	Best Deal	0	0	speaker
SP7635d5ed-fb01-40cb-9027-f1ab65c73209	Test Speaker xxx	Manufacture	51	22	images/loading.gif	Old	Best Buy	10	33	speaker
SP8	Micva	Micva	12	450	images/speakers/micva.JPG	Old	Best Deal	0	0	speaker
SP9	Sonos	Sonos	8	450	images/speakers/sonos.JPG	Old	Best Deal	0	0	speaker
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Product 7 x

Output

DELETE THE PRODUCT



Product Deleted Successfully.

[Home Page](#)

PRODUCT REMOVED FORM xml FILE

C:\apache-tomcat-7.0.34\webapps\csj\WEB-INF\Speaker.xml (csj) - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

FOLDERS

- csj
 - css
 - images
 - src
 - WEB-INF
 - classes
 - Accessory.xml
 - ExternalStorage.xml
 - Headphone.xml
 - Laptop.xml
 - Phone.xml
 - SmartWatch.xml
 - Speaker.xml
 - web.xml
- addCustomer.html
- addproduct.html
- cart.html
- chart.html
- checkout.html
- content.html
- deleteproduct.html
- footer.html
- header.html
- index.html
- leftNavigation.html
- login.html
- myOrder.html
- product.html
- readreview.html
- signUp.html

```
90 <!--MANUFACTURER_REBATE>0.0</MANUFACTURER_REBATE>
91 <onsale>Yes</onsale>
92 <quantity>12</quantity>
93 </speaker>
94 <!--SP18</id>
95 <!--MANUFACTURER_REBATE>0.0</MANUFACTURER_REBATE>
96 <onsale>Yes</onsale>
97 <quantity>12</quantity>
98 </speaker>
99 <!--SP18</id>
100 <!--MANUFACTURER_REBATE>0.0</MANUFACTURER_REBATE>
101 <onsale>Yes</onsale>
102 <quantity>12</quantity>
103 </speaker>
104 <!--SP18</id>
105 <!--MANUFACTURER_REBATE>0.0</MANUFACTURER_REBATE>
106 <onsale>Yes</onsale>
107 <quantity>12</quantity>
108 </speaker>
109 <!--SP18</id>
110 <!--MANUFACTURER_REBATE>0.0</MANUFACTURER_REBATE>
111 <onsale>Yes</onsale>
112 <quantity>12</quantity>
113 </speaker>
114 <!--SP18</id>
115 <!--MANUFACTURER_REBATE>0.0</MANUFACTURER_REBATE>
116 <onsale>Yes</onsale>
117 <quantity>12</quantity>
118 </speaker>
119 <!--SP18</id>
120 <!--MANUFACTURER_REBATE>0.0</MANUFACTURER_REBATE>
121 <onsale>Yes</onsale>
122 <quantity>12</quantity>
123 </speaker>
124 <!--SP18</id>
125 <!--MANUFACTURER_REBATE>0.0</MANUFACTURER_REBATE>
126 <onsale>Yes</onsale>
127 <quantity>12</quantity>
128 </speaker>
129 <!--SP18</id>
130 <!--MANUFACTURER_REBATE>0.0</MANUFACTURER_REBATE>
131 <onsale>Yes</onsale>
132 <quantity>12</quantity>
133 </speaker>
134 </ProductCatalog>
```

PRODUCT REMOVED FROM DATABASE

MySQL Workbench

Local instance MySQL57 x

File Edit View Query Database Server Tools Scripting Help

sql movieHub Limit to 1000 rows

```
57 PRIMARY KEY (productId)
58 );
59
60 show tables;
61
62 SELECT * FROM UserDetail;
63 SELECT * FROM CustomerOrder;
64 SELECT * FROM Product;
65
66 SELECT productId, productName, productPrice, productQuantity FROM Product ORDER BY productQuantity;
67 SELECT productId, productName, manufactureRebate FROM Product WHERE manufactureRebate > 0 ORDER BY manufactureRebate DESC;
68 SELECT productName FROM Product WHERE productOnSale LIKE 'Yes';
69
```

Result Grid

productId	productName	manufacturer	productQuantity	productPrice	imageSrc	productCondition	retailer	retailerDiscount	manufactureRebate	productCategory
SM2	Asus	Aoole	10	450	images/smartWatches/asus.JPG	Old	Best Deal	0	40	smartWatch
SM4	Fibit	Aoole	8	450	images/smartWatches/fibit.JPG	Old	Best Deal	0	0	smartWatch
SM5	LG	Aoole	9	450	images/smartWatches/LG.JPG	Old	Best Deal	0	35	smartWatch
SM6	Motorola	Aoole	12	450	images/smartWatches/motorola.JPG	Old	Best Deal	0	0	smartWatch
SM7	Pandoo	Aoole	15	450	images/smartWatches/pandoo.JPG	Old	Best Deal	0	0	smartWatch
SM8	Pebble	Aoole	10	450	images/smartWatches/pebble.JPG	Old	Best Deal	0	0	smartWatch
SM9	Samsung Dica	Aoole	9	450	images/smartWatches/samsung1.JPG	Old	Best Deal	0	0	smartWatch
SP1	JBL	JBL	10	450	images/speakers/jbl.JPG	Old	Best Deal	0	5	soaker
SP10	Sonyv	Sonyv	20	450	images/speakers/sony.JPG	Old	Best Deal	0	0	soaker
SP2	Anker	Anker	9	450	images/speakers/anker.JPG	Old	Best Deal	0	10	soaker
SP3	Bose	Bose	10	450	images/speakers/bose.JPG	Old	Best Deal	0	15	soaker
SP4	Dell	Dell	11	450	images/speakers/dell.JPG	Old	Best Deal	0	0	soaker
SP5	Doss	Doss	5	450	images/speakers/doss.JPG	Old	Best Deal	0	0	soaker
SP6	JBL Plus Boom	JBL	8	450	images/speakers/jblplus.JPG	Old	Best Deal	0	0	soaker
SP7	Logitech	Logitech	15	450	images/speakers/logitech.JPG	Old	Best Deal	0	0	soaker
SP8	Micav	Micav	12	450	images/speakers/micav.JPG	Old	Best Deal	0	0	soaker
SP9	Sonos	Sonos	8	450	images/speakers/sonos.JPG	Old	Best Deal	0	0	soaker
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Product 10 x

Output