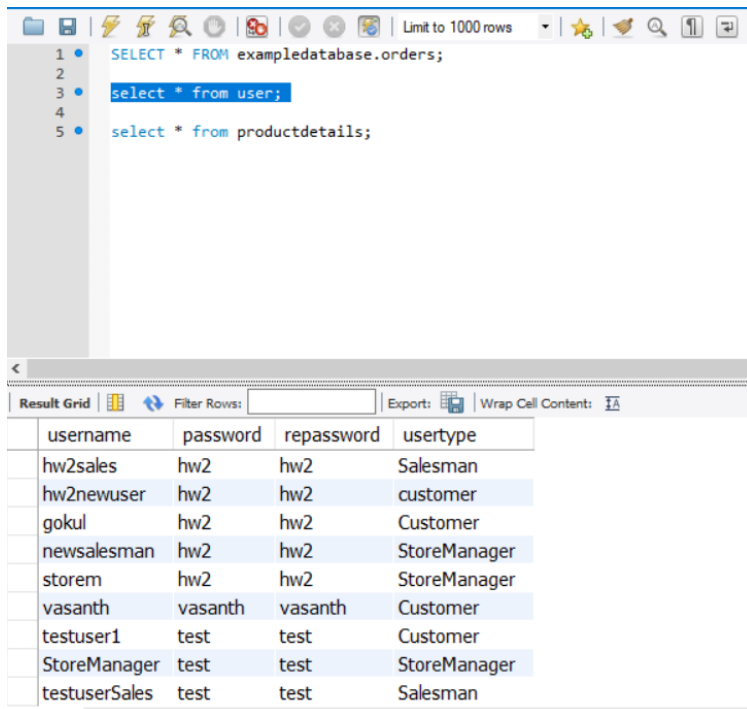


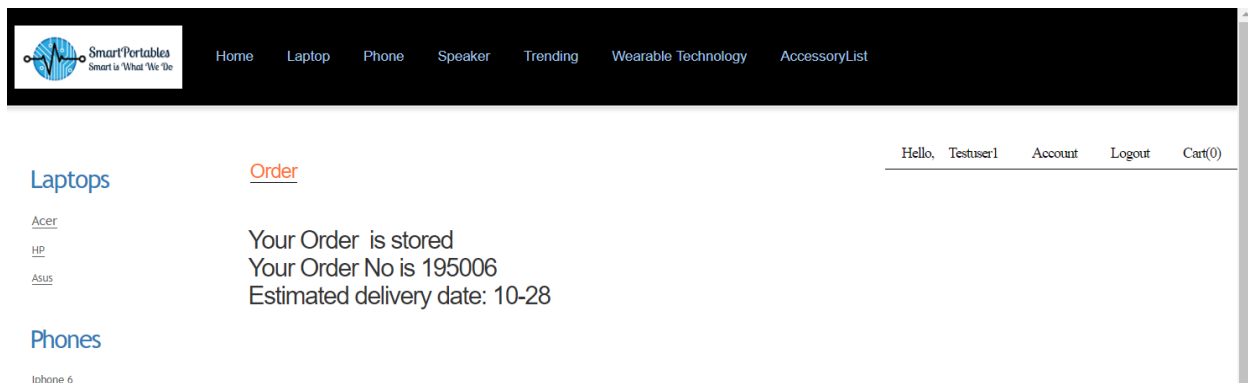
Creating new customer, Store manager and salesman in application. The changes are reflected in MySQL database under 'user' table.



```
1 • SELECT * FROM exampledatabase.orders;  
2  
3 • select * from user;  
4  
5 • select * from productdetails;
```

username	password	repassword	usertype
hw2sales	hw2	hw2	Salesman
hw2newuser	hw2	hw2	customer
gokul	hw2	hw2	Customer
newsalesman	hw2	hw2	StoreManager
storem	hw2	hw2	StoreManager
vasanth	vasanth	vasanth	Customer
testuser1	test	test	Customer
StoreManager	test	test	StoreManager
testuserSales	test	test	Salesman

Now we are adding a new laptop to our cart and checking out our order.



SmartPortables
Smart is What We Do

Home Laptop Phone Speaker Trending Wearable Technology AccessoryList

Hello, Testuser1 Account Logout Cart(0)

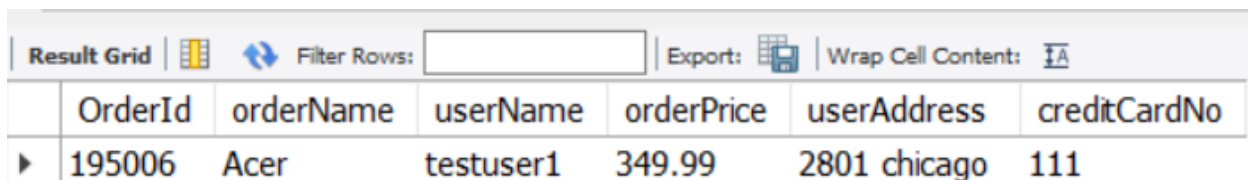
[Laptops](#) [Order](#)

[Acer](#)
[HP](#)
[Asus](#)

[Phones](#)
[Iphone 6](#)

Your Order is stored
Your Order No is 195006
Estimated delivery date: 10-28


Our Product details are saved in database and highlighted as below



```
Result Grid | Filter Rows: | Export: | Wrap Cell Content: |
```

OrderId	orderName	userName	orderPrice	userAddress	creditCardNo
195006	Acer	testuser1	349.99	2801 chicago	111

Updating Order:



SmartPortables
Smart is What We Do

[Home](#)[Laptop](#)[Phone](#)[Speaker](#)[Trending](#)[Wearable Technology](#)[AccessoryList](#)

Laptops

[Acer](#)[HP](#)[Asus](#)

Phones

[Iphone 6](#)[Iphone X](#)[Nexus](#)

Speakers

[JBL](#)[Alexa](#)[Echo](#)

Update Order

ORDER ID: 195006

CUSTOMER NAME: TESTUSER1

PRODUCT NAME: ACER

PRICE: 349.99

ADDRESS

UK London

CREDIT CARD

222333

Update

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	OrderId	orderName	userName	orderPrice	userAddress	creditCardNo
▶	195246	Acer	testuser1	349.99	UK London	222333

Deleting order 195246


The screenshot shows a SQL IDE window titled "orders" and "SQL File 3*". The query editor contains three SQL statements:

```
1 • SELECT * FROM exampledatabase.orders;  
2  
3  
4 • select * from user;  
5  
6 • select * from productdetails;
```

The result grid at the bottom shows the following columns:

OrderId	orderName	userName	orderPrice	userAddress	creditCardNo
---------	-----------	----------	------------	-------------	--------------

Review Product: Filling out form

[Home](#) [Laptop](#) [Phone](#) [Speaker](#) [Trending](#) [Wearable Technology](#) [AccessoryList](#)

Laptops

[Acer](#)
[HP](#)
[Asus](#)

Phones

[Iphone 6](#)
[Iphone X](#)
[Nexus](#)

Speakers

[JBL](#)
[Alexa](#)
[Echo](#)

Wearable Technology

[Sony VR](#)

Review

Hello, Testuser1

Product Name:	acer
Product Category:	laptops
Product Price:	349.99
Retailer Name:	SmartPortables
Retailer State:	IL
Product On Sale:	Yes
Manufacturer Name:	null

Username: testuser1

User age: 25

User gender: Male

User Occupation: student

Retailer Zip: 600018

Retailer City: chicago

Review Rating: 5

Review Date: 10/23/2018

Review Text: Very good laptop, perfect for students

SubmitReview

Review

Product Name:	acer
userName:	hw2
userAge:	22
userGender:	male
userOccupation:	123
price:	349
Retailer City:	asd
Retailer Pin:	123
Review Rating:	1
Review Date:	2018-10-09
Review Text:	asdasd

Product Name:	acer
userName:	testuser1
userAge:	25
userGender:	male
userOccupation:	student
price:	349
Retailer City:	chicago
Retailer Pin:	600018
Review Rating:	5
Review Date:	2018-10-23
Review Text:	Very good laptop, perfect for students



Review data in mongoDb

```
C:\Program Files\MongoDB\Server\4.0\bin>mongo.exe
metrics about your deployment (disk utilization, CPU, operation statistics, etc).

The monitoring data will be available on a MongoDB website with a unique URL accessible to you
and anyone you share the URL with. MongoDB may use this information to make product
improvements and to suggest MongoDB products and deployment options to you.

To enable free monitoring, run the following command: db.enableFreeMonitoring()
To permanently disable this reminder, run the following command: db.disableFreeMonitoring()
>

> use CustomerReviews
switched to db CustomerReviews
> show collections
myReviews
> db.myReviews.find()
{ "_id" : ObjectId("5bc2d03fd5ea8e4748045b87"), "title" : "myReviews", "userName" : "hw2", "productName" : "HP", "productType" : "laptops", "productMaker" : "HP", "reviewRating" : 4, "reviewDate" : "2018-10-17",
  "reviewText" : " asdasd", "retailerpin" : "321", "retailerCity" : "asd", "userAge" : "25", "userGender" : "male", "userOccupation" : "student", "price" : 349 }
{ "_id" : ObjectId("5bc2e2d6d5ea8e33247a7287"), "title" : "myReviews", "userName" : "hw2", "productName" : "acer", "productType" : "laptops", "productMaker" : "acer", "reviewRating" : 1, "reviewDate" : "2018-10-
10", "reviewText" : " asdasd", "retailerpin" : "123", "retailerCity" : "asd", "userAge" : "22", "userGender" : "male", "userOccupation" : "student", "price" : 349 }
{ "_id" : ObjectId("5bc38596d5ea8e21a42f159e"), "title" : "myReviews", "userName" : "hw2", "productName" : "Sony", "productType" : "laptops", "productMaker" : "null", "reviewRating" : 1, "reviewDate" : "2018-10-
10", "reviewText" : " asdasdasd", "retailerpin" : "32321", "retailerCity" : "Chicago", "userAge" : "25", "userGender" : "male", "userOccupation" : "student", "price" : 249 }
{ "_id" : ObjectId("5bc3c9fbd5ea8e3208ec5cde"), "title" : "myReviews", "userName" : "hw2", "productName" : "HP", "productType" : "laptops", "productMaker" : "null", "reviewRating" : 5, "reviewDate" : "2018-10-03",
  "reviewText" : " very good laptop", "retailerpin" : "60616", "retailerCity" : "chicago", "userAge" : "28", "userGender" : "male", "userOccupation" : "student", "price" : 449 }
{ "_id" : ObjectId("5bc3ca2bd5ea8e3208ec5cde"), "title" : "myReviews", "userName" : "hw2", "productName" : "HP", "productType" : "laptops", "productMaker" : "null", "reviewRating" : 5, "reviewDate" : "2018-10-17",
  "reviewText" : " very nice laptops 2", "retailerpin" : "60616", "retailerCity" : "chicago", "userAge" : "88", "userGender" : "male", "userOccupation" : "student", "price" : 449 }
{ "_id" : ObjectId("5bc3c9fbd5ea8e3208ec5cde"), "title" : "myReviews", "userName" : "hw2", "productName" : "HP", "productType" : "laptops", "productMaker" : "null", "reviewRating" : 5, "reviewDate" : "2018-10-10",
  "reviewText" : " asd", "retailerpin" : "60616", "retailerCity" : "chicago", "userAge" : "99", "userGender" : "male", "userOccupation" : "student", "price" : 449 }
{ "_id" : ObjectId("5bc3e606d5ea8e2ba04e39ae"), "title" : "myReviews", "userName" : "testuser1", "productName" : "acer", "productType" : "laptops", "productMaker" : "null", "reviewRating" : 5, "reviewDate" : "20
18-10-23", "reviewText" : " Very good laptop. perfect for students", "retailerpin" : "600018", "retailerCity" : "chicago", "userAge" : "25", "userGender" : "male", "userOccupation" : "student", "price" : 349 }
```

Trending page with Top 5 most liked products, top 5 zip codes where max. no. of products sold and top 5 sold products regardless of rating

Hello, Testuser1		
Laptops	Top 5 most liked products	
Acer	11	5
HP	12	5
Asus	HP	5
	acer	5
Phones	HP	4
Iphone 6		
Iphone X		
Nexus		
Speakers	60616	3
JBL	600018	1
Alexa	321	1
Echo	32321	1
	123	1
Wearable Technology		
Sony VR		
LG Headphones		
Moto Smartwatch	acer	2
Dog Tracker	HP	2
Fitbit	12	1
	Sony	1
Trending	Top 5 most sold products regardless of the rating	

Adding new product by Store manager and results are stored in MySQL

Laptops

[Acer](#)

[HP](#)

[ASUS](#)

Phones

[Iphone 6](#)

[Iphone X](#)

[Nexus](#)

Speakers

[JBL](#)

[Alexa](#)

[Echo](#)

Wearable Technology

[Sony VR](#)

[LG Headphones](#)

[Moto Smartwatch](#)

[Dog Tracker](#)

[Fitbit](#)

[ViewProduct](#)

[Data](#)

[Visualization](#)

[DataAr](#)

[Add Product](#)

Product Type

Laptop

Product

AlienwareLaptop

Product Id

101

Product Name

Draganove

Product Price

498

Product Image

11.png

Product Condition

new

Product Discount

10

add

ProductType	Id	productName	productPrice	productImage	productCondition	productDiscount
headphones	h1	JBL	54.99	head1.png	New	15
headphones	h2	Sony	53.99	head12.png	Refurbished	15
headphones	h3	Samsung	57.99	head13.png	New	15
headphones	h4	Sanheisser	80.99	head14.png	New	15
headphones	h5	SkullCandy	89.99	head15.png	New	15
headphones	h6	LG	69.99	head16.png	New	15
headphones	h7	phillips	84.99	head17.png	New	15
laptop	101	Draganove	498	11.png	new	10

Update product:

ProductType	Id	productName	productPrice	productImage	productCondition	productDiscount
headphones	h1	JBL	54.99	head1.png	New	15
headphones	h2	Sony	53.99	head12.png	Refurbished	15
headphones	h3	Samsung	57.99	head13.png	New	15
headphones	h4	Sanheisser	80.99	head14.png	New	15
headphones	h5	SkullCandy	89.99	head15.png	New	15
headphones	h6	LG	69.99	head16.png	New	15
headphones	h7	phillips	84.99	head17.png	New	15
laptop	101	Alien Ware Lap Top	650	11.png	New	15