NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY

AN AUTONOMOUS INSTITUTION UNDER VTU BELGAUM

PROJECT REPORT

DBMS

V SEM

DEPT OF INFORMATION SCIENCE AND ENGINEERING GUIDED BY

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GROCERY DATABASE

Abstract

Shopping online alleviates the need to walk up and down store aisles. And you can log in any time—even at 2 am—and still have the advantage of a fully stocked store. Plus, going the delivery route saves you a trip to the store, which not only saves time, but gas money as well. In fact, studies show grocery delivery services slash carbon dioxide emissions in half compared to individual household trips.

Advantages of Online Grocery Shopping

1. It saves time. Shopping online alleviates the need to walk up and down store aisles. ...
2. No Unwanted Luxury Purchases. ...
3. Find Everything You Need. ...
4. You Can't Personally Look at Items. ...
5. Delivery can be a challenge. ...
6. Price.
7. It saves time

No Unwanted Luxury Purchases

It’s far too easy to do; you’re walking around the shop grabbing all the items you need and suddenly a chocolate cake, packet of biscuits, and some sausage rolls have somehow found their way into your trolley. You didn’t want them before but now you’ve seen them you need them! Shopping online can help you tame the impulse buying within you.

Comparisons

Many online stores have an invaluable feature that will make the lives of countless housewives a hundred times simpler – the feature of price comparison. Online shopping does not compel you to remember how much more expensive eggs are in store A versus store B.

Find Everything You Need

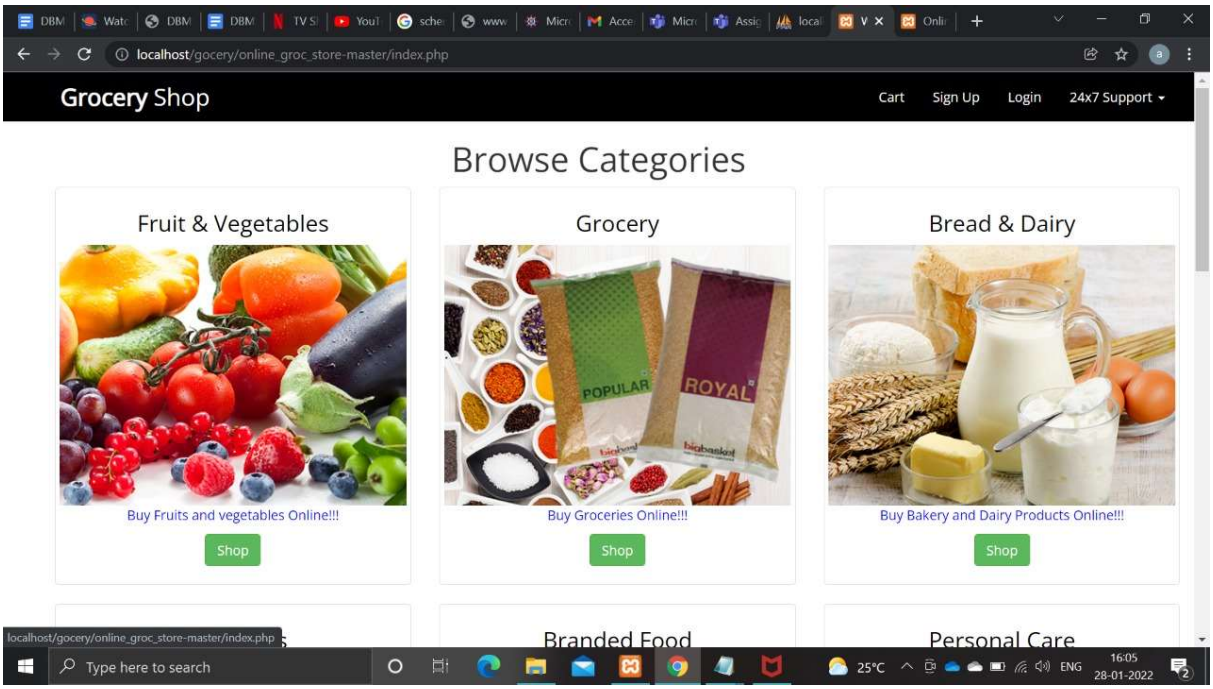
Search engines on websites make it much easier to find items quickly; typing in the name or brand of a product will show you all relevant products making it much easier to find exactly what you need.

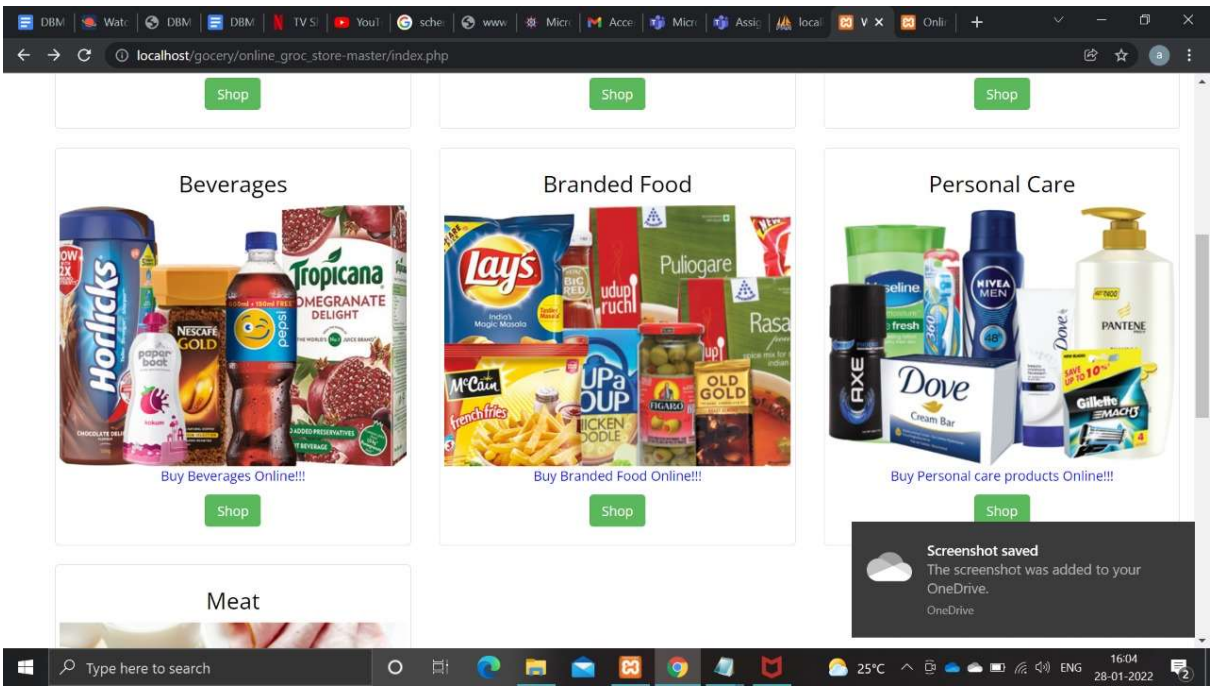
FRONT-END

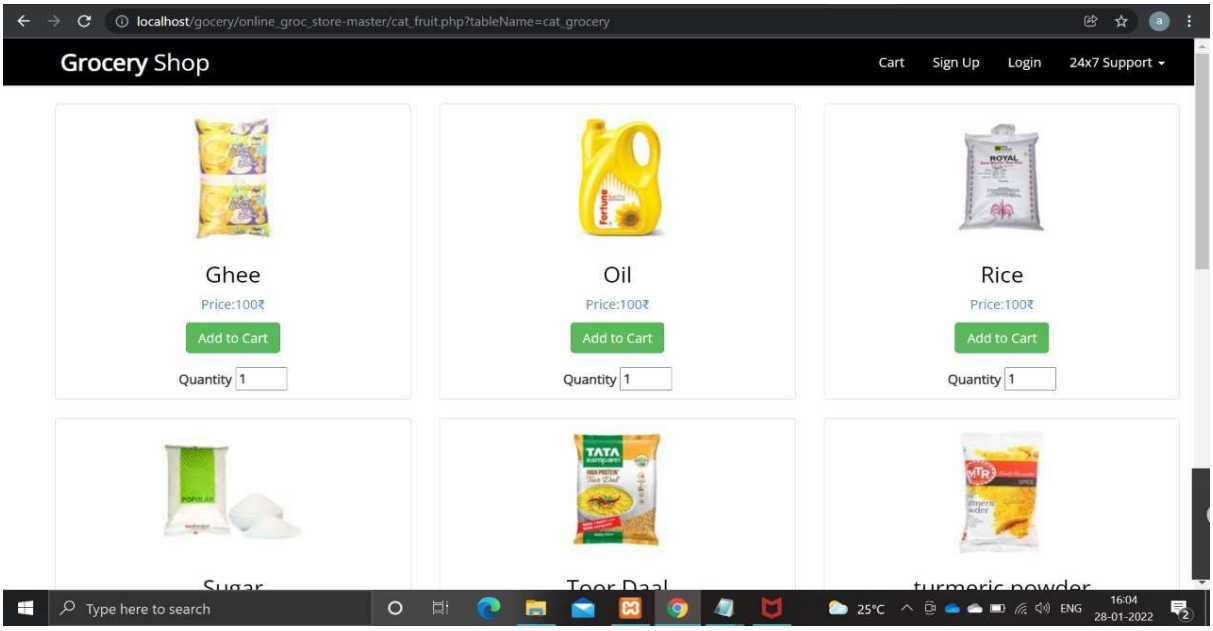
Login page

Visiting the website

When a new user has visited the website then they will just see the groceries that are present on the store and they can browse the categories present over there.




localhost/gocery/online_groc_store-master/index.php
Shop
Shop
Shop
Beverages
Branded Food
Personal Care
Buy Beverages Online!!!
Buy Branded Food Online!!!
Buy Personal care products Online!!!
Shop
Shop
Shop
Screenshot saved
The screenshot was added to your OneDrive.
OneDrive
Meat
Type here to search
25°C
ENG
16:04
28-01-2022


localhost/gocery/online_groc_store-master/cat_fruit.php?tableName=cat_grocery
Grocery Shop
Cart
Sign Up
Login
24x7 Support
Ghee
Price:100₹
Add to Cart
Quantity 1
Oil
Price:100₹
Add to Cart
Quantity 1
Rice
Price:100₹
Add to Cart
Quantity 1
Sugar
Toor Daal
turmeric powder
Type here to search
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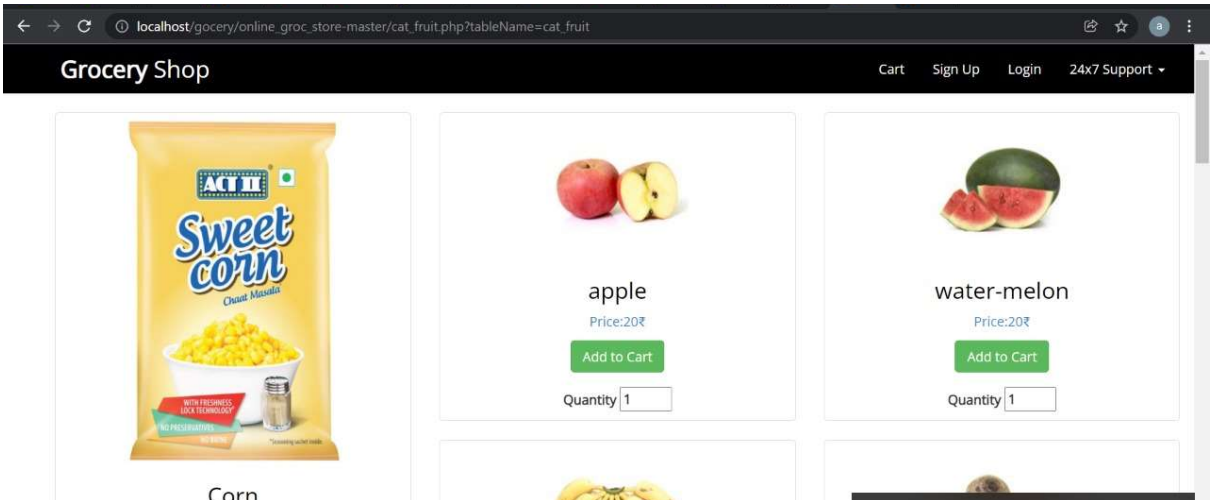
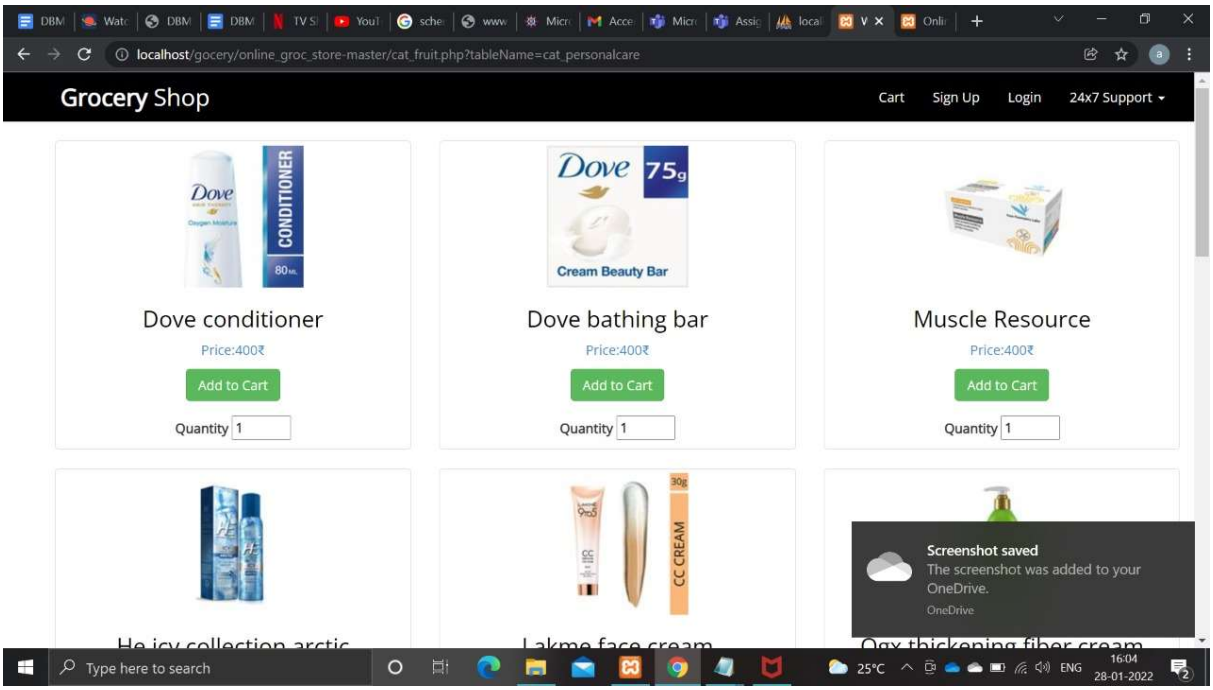
ENG
16:04
28-01-2022


localhost/gocery/online_groc_store-master/cat_fruit.php?tableName=cat_fruit
Grocery Shop
Cart
Sign Up
Login
24x7 Support
Sweet corn
Chaat Masala
apple
Price:20₹
Add to Cart
Quantity 1
water-melon
Price:20₹
Add to Cart
Quantity 1
Corn


localhost/gocery/online_groc_store-master/cat_fruit.php?tableName=cat_personalcare
Grocery Shop
Cart
Sign Up
Login
24x7 Support
Dove
CONDITIONER
Dove conditioner
Price:400₹
Add to Cart
Quantity 1
Dove
75g
Cream Beauty Bar
Dove bathing bar
Price:400₹
Add to Cart
Quantity 1
Muscle Resource
Price:400₹
Add to Cart
Quantity 1
CC CREAM
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OneDrive
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ENG
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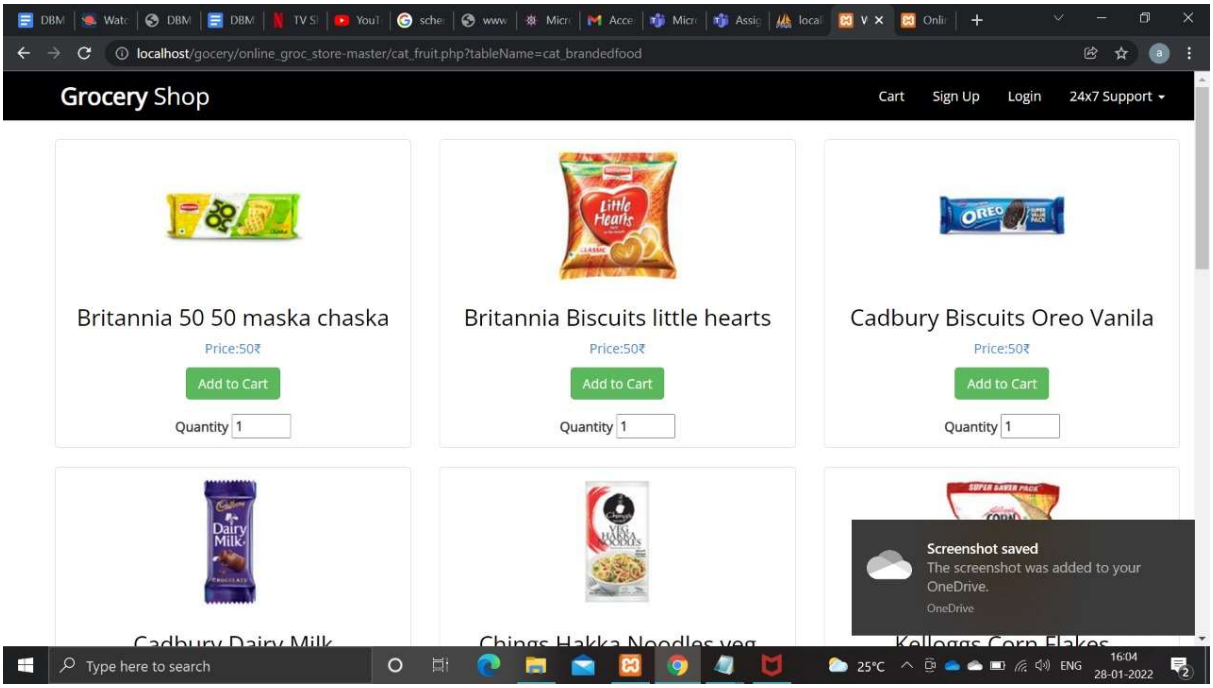
localhost/gocery/online_groc_store-master/cat_fruit.php?tableName=cat_brandedfood
Grocery Shop
Cart
Sign Up
Login
24x7 Support
Britannia 50 50 maska chaska
Price:50₹
Add to Cart
Quantity 1
Britannia Biscuits little hearts
Price:50₹
Add to Cart
Quantity 1
Cadbury Biscuits Oreo Vanila
Price:50₹
Add to Cart
Quantity 1
Cadbury Dairy Milk
Chings Hakka Noodles veg
Kelloggs Corn Flakes
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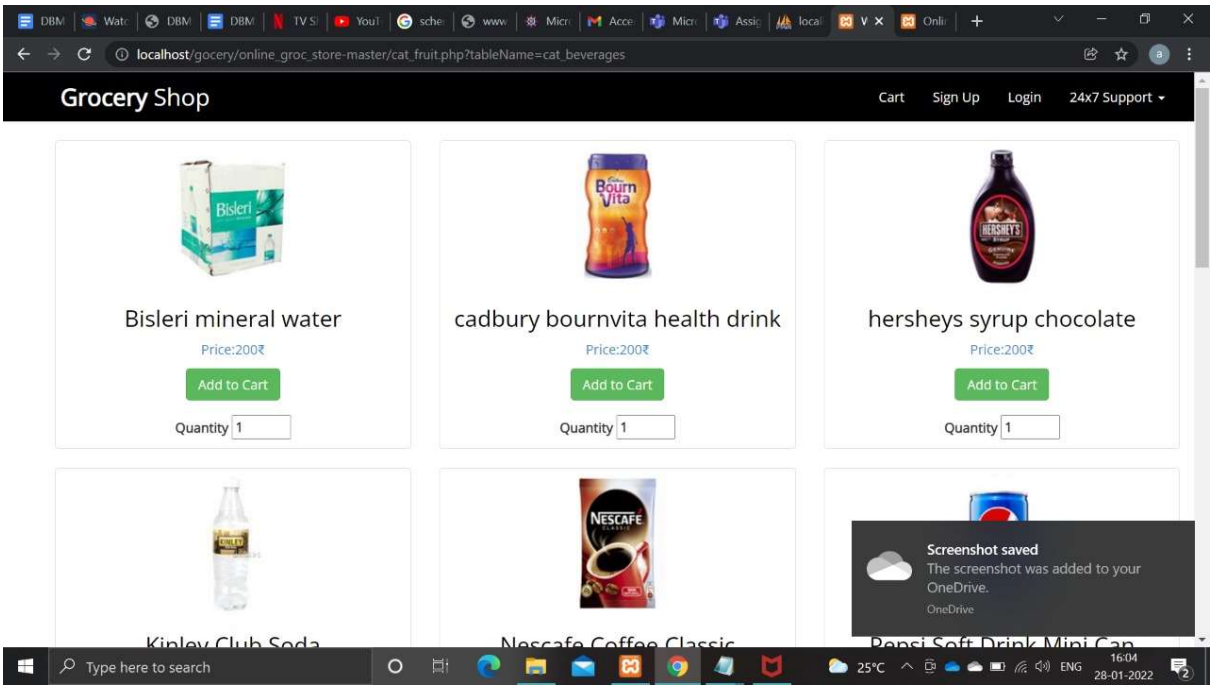
localhost/gocery/online_groc_store-master/cat_fruit.php?tableName=cat_beverages
Grocery Shop
Cart
Sign Up
Login
24x7 Support
Bisleri mineral water
Price:200₹
Add to Cart
Quantity 1
cadbury bournvita health drink
Price:200₹
Add to Cart
Quantity 1
hersheys syrup chocolate
Price:200₹
Add to Cart
Quantity 1
Kinley Club Soda
Nescafe Coffee Classic
Pepsi Soft Drink Mini Can
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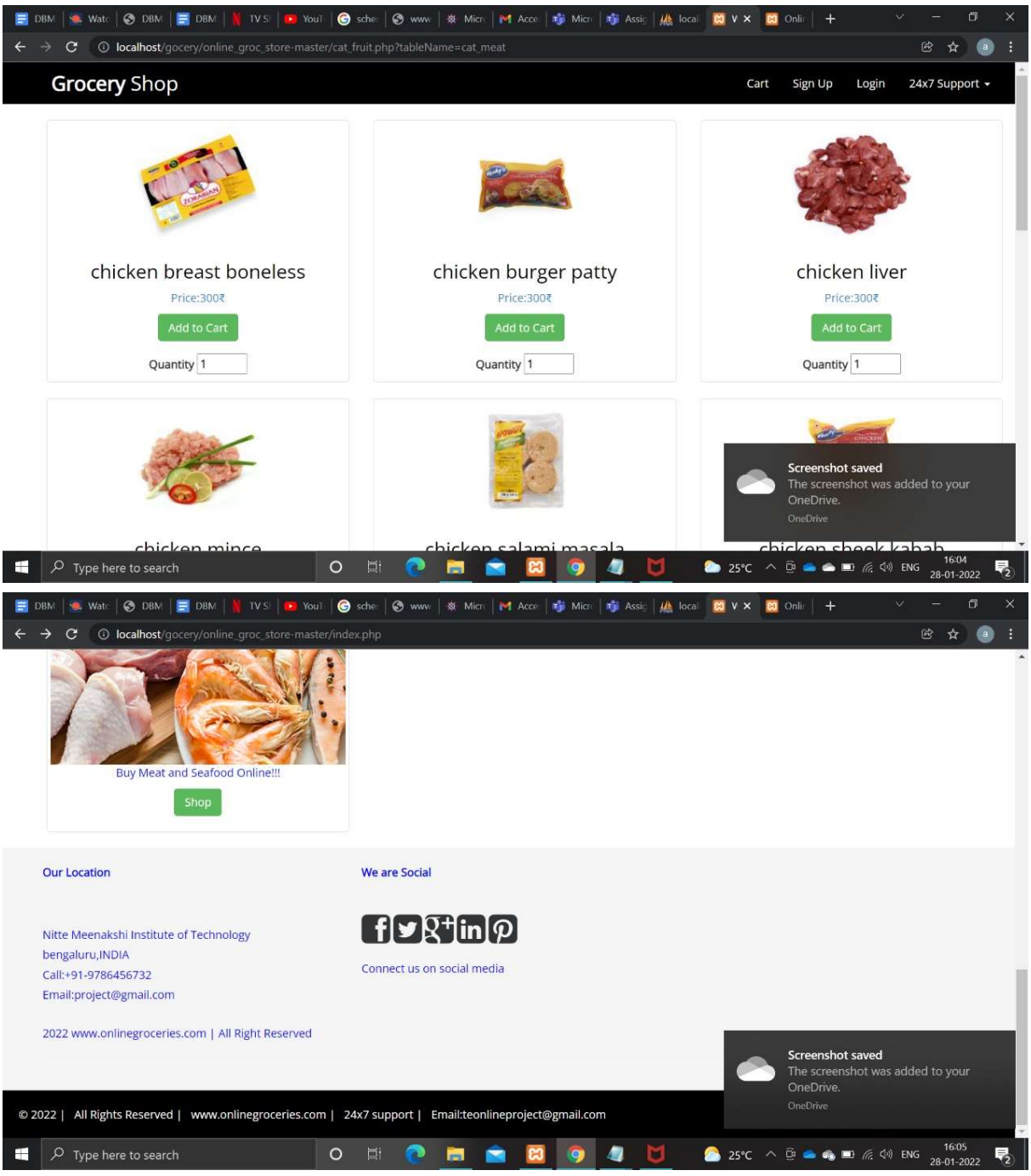
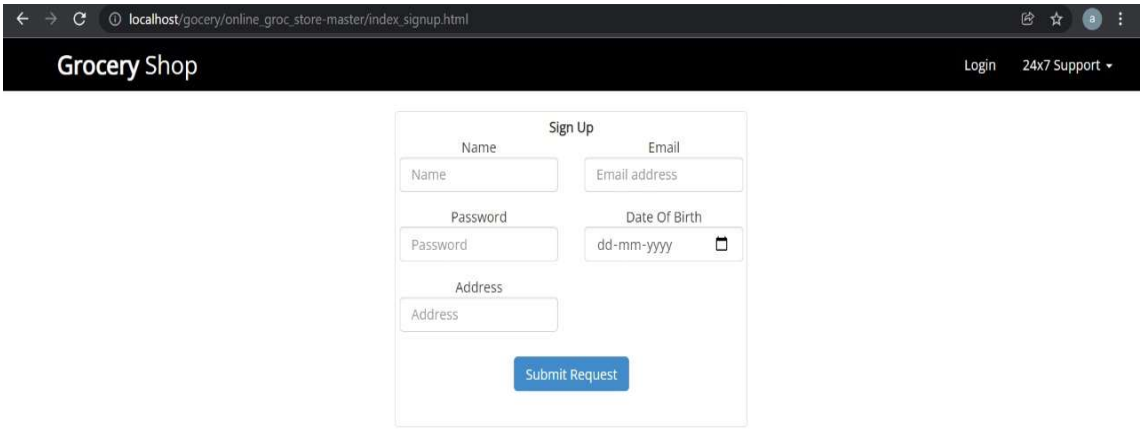


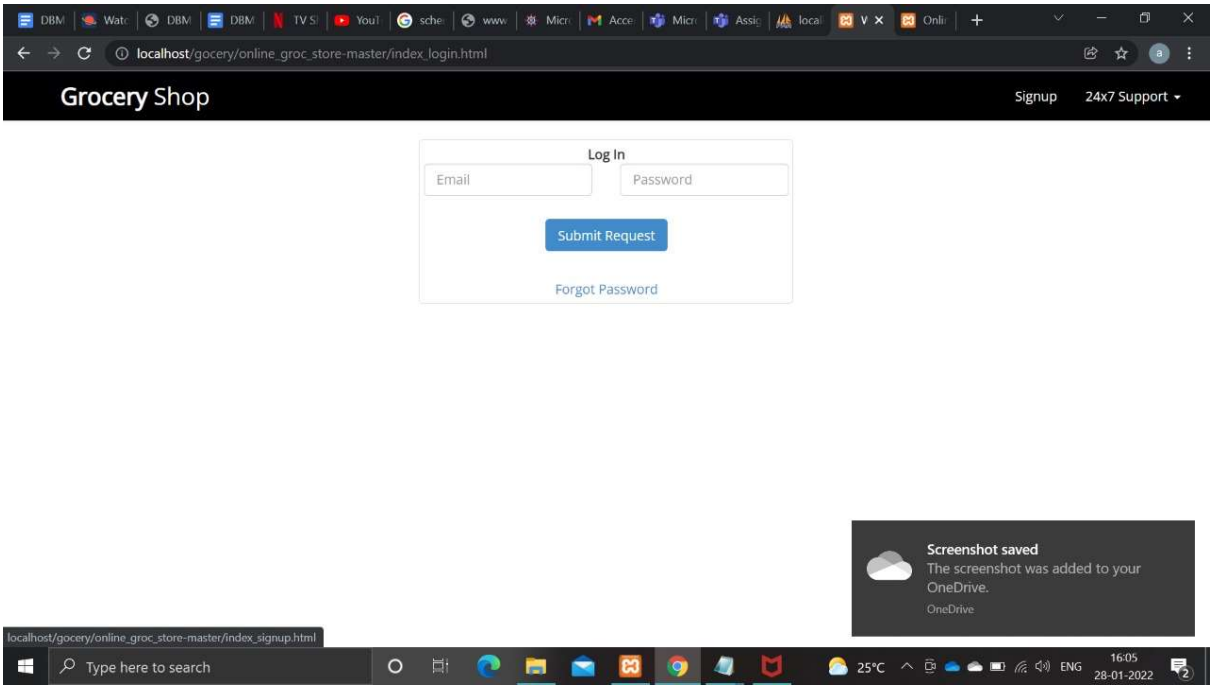
When a new user enters the company's website to shop, the user won't be having an account initially, so we need to sign up for the website.

Sign up page for our website Grocery shop

New user has to enter Name, Email, Password, date of birth and address

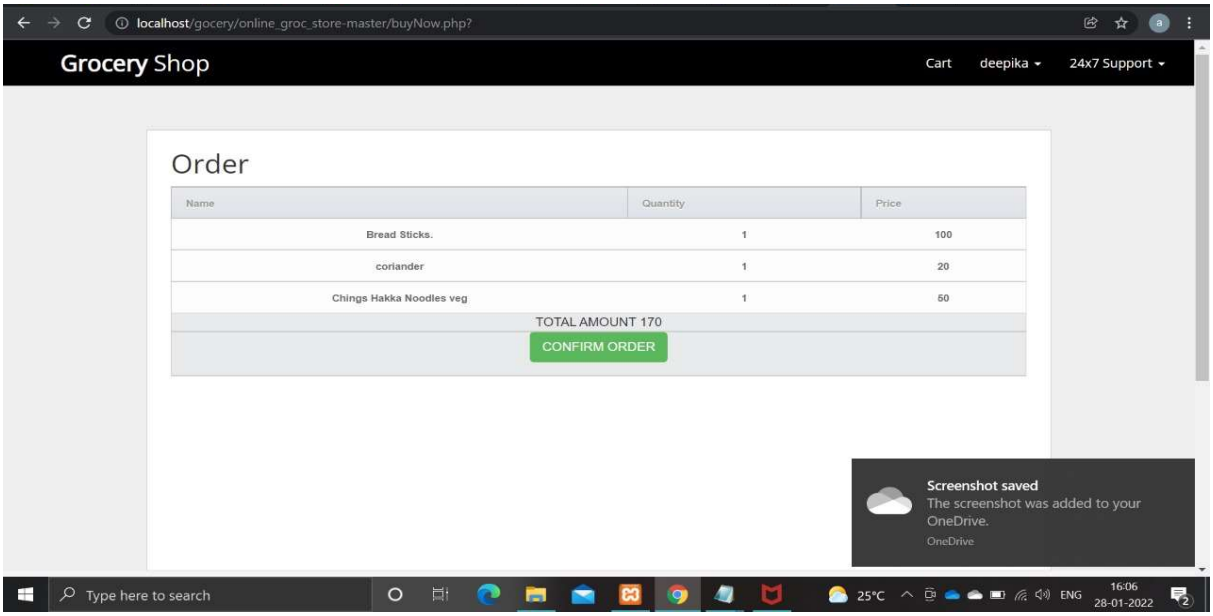


If the user already has an account, then they can just directly go to the login page and enter the asked details like email and password

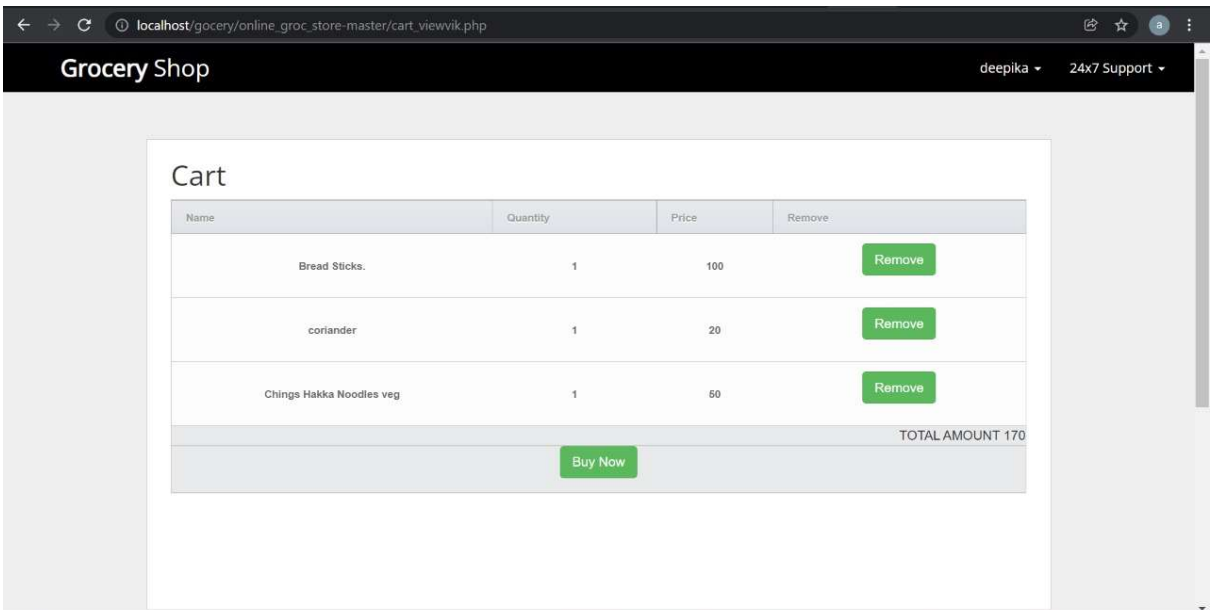


After logging in the user is able to buy the products they want.

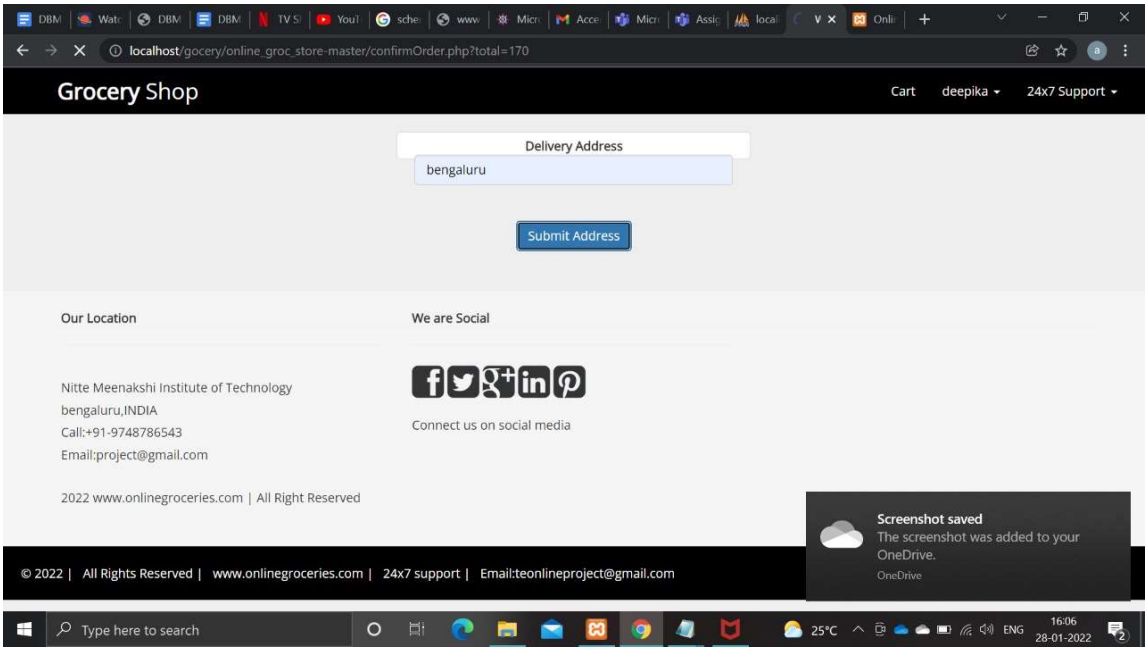
Users can select the products they want and the order details will be displayed as follows,



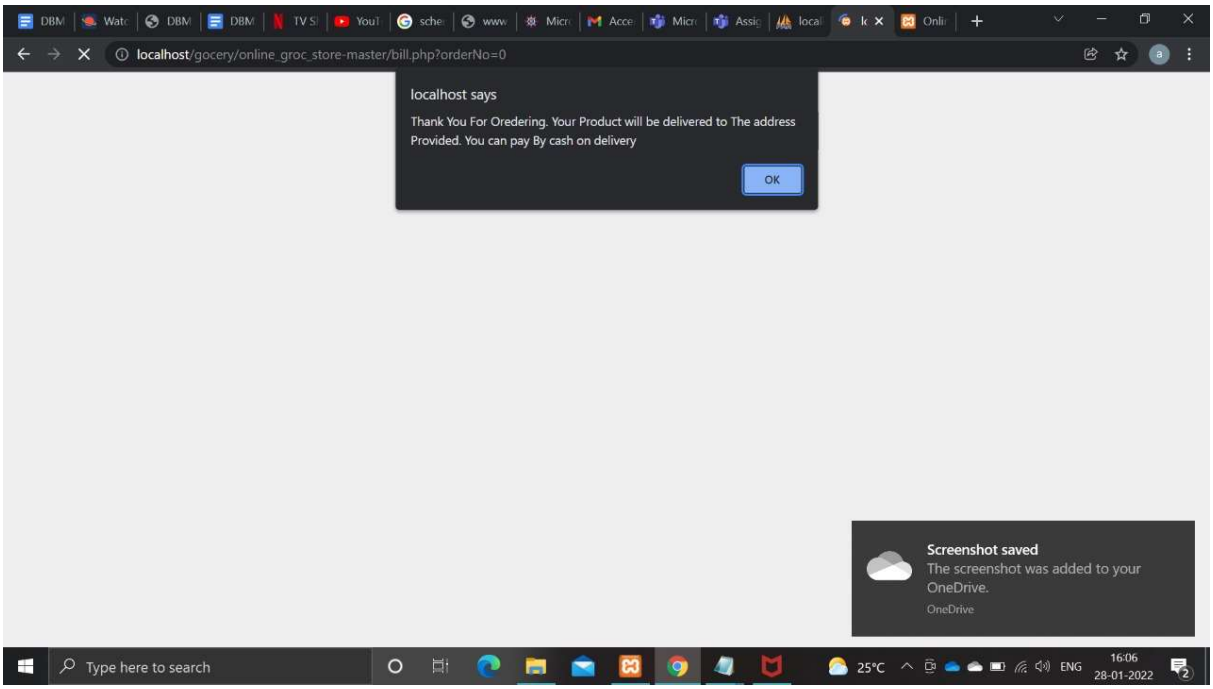
Users can go to the cart and verify the products like they can add the products , remove the products.



Then users can add the delivery address and submit the address.

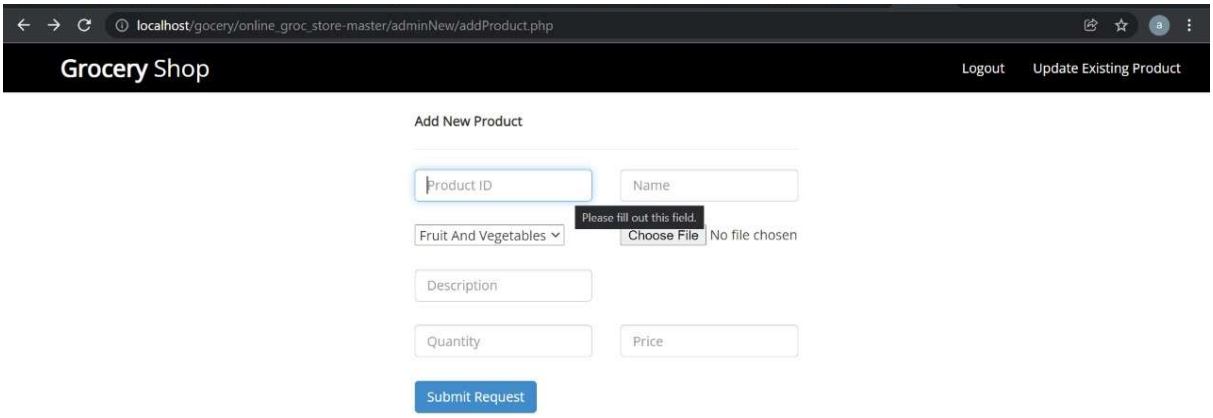


After confirming the address and verifying the products the pages give a message saying thank you for shopping on the site

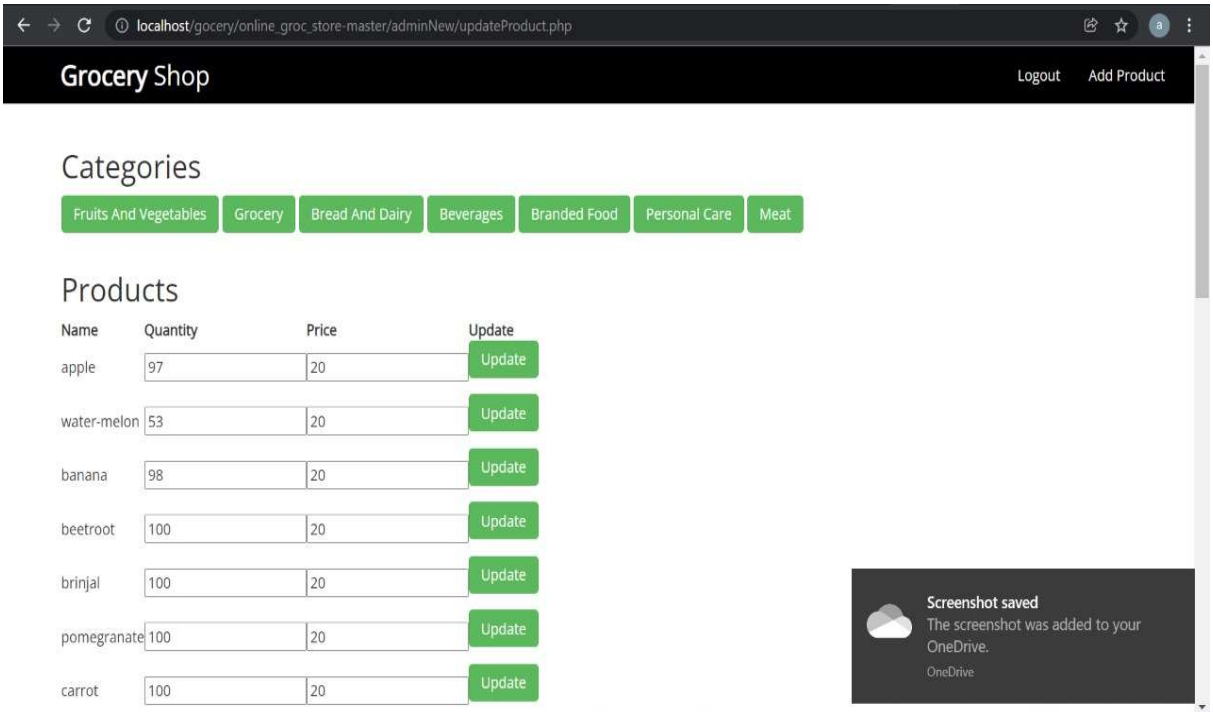


If the store manager wants to add the groceries or needs to update the groceries they can do so using the new product section.

Here they ask for details like product id ,name of the product , description of the product, choosing the picture of the product, quantity how much is available , price of the product.



Here it shows how we can update the products quantity and price of the product.


localhost/gocery/online_groc_store-master/adminNew/updateProduct.php
Grocery Shop
Logout
Add Product
Categories
Fruits And Vegetables
Grocery
Bread And Dairy
Beverages
Branded Food
Personal Care
Meat
Products
Name
Quantity
Price
Update
apple
97
20
Update
water-melon
53
20
Update
banana
98
20
Update
beetroot
100
20
Update
brinjal
100
20
Update
pomegranate
100
20
Update
carrot
100
20
Update
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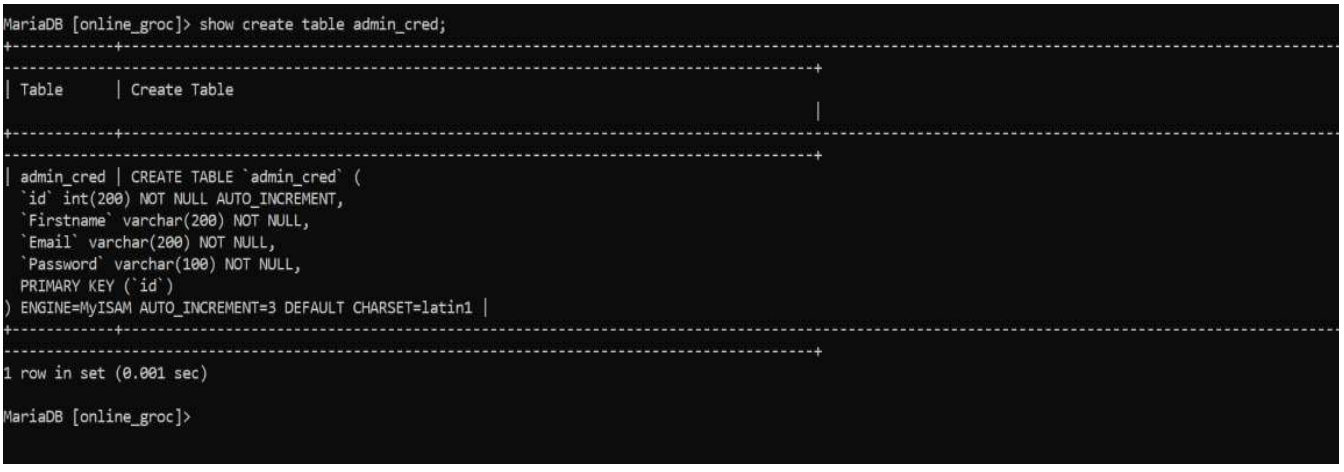
Creating table admin_card



```
MariaDB [online_groc]> show create table admin_cred;
+------------+-----------------------
```

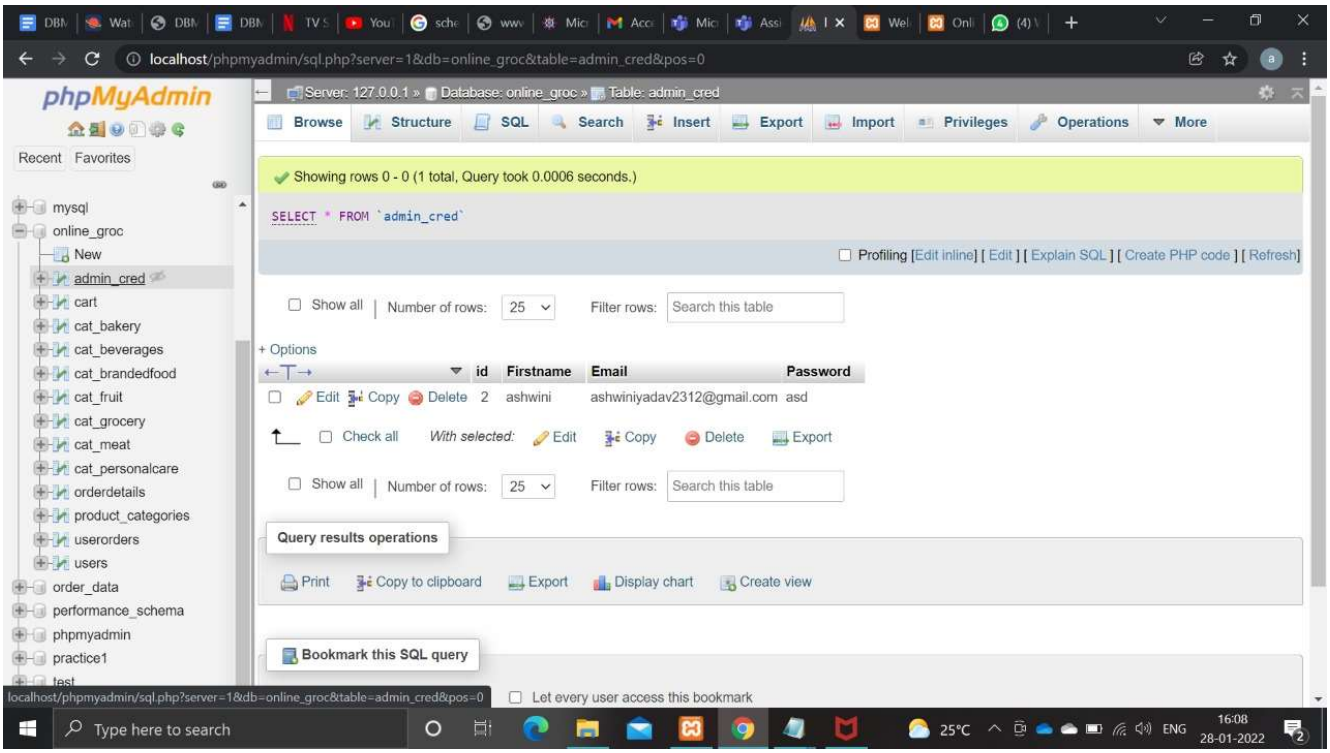
```
MariaDB [online_groc]> show create table product_categories;
+--------------------+-----------------------
```

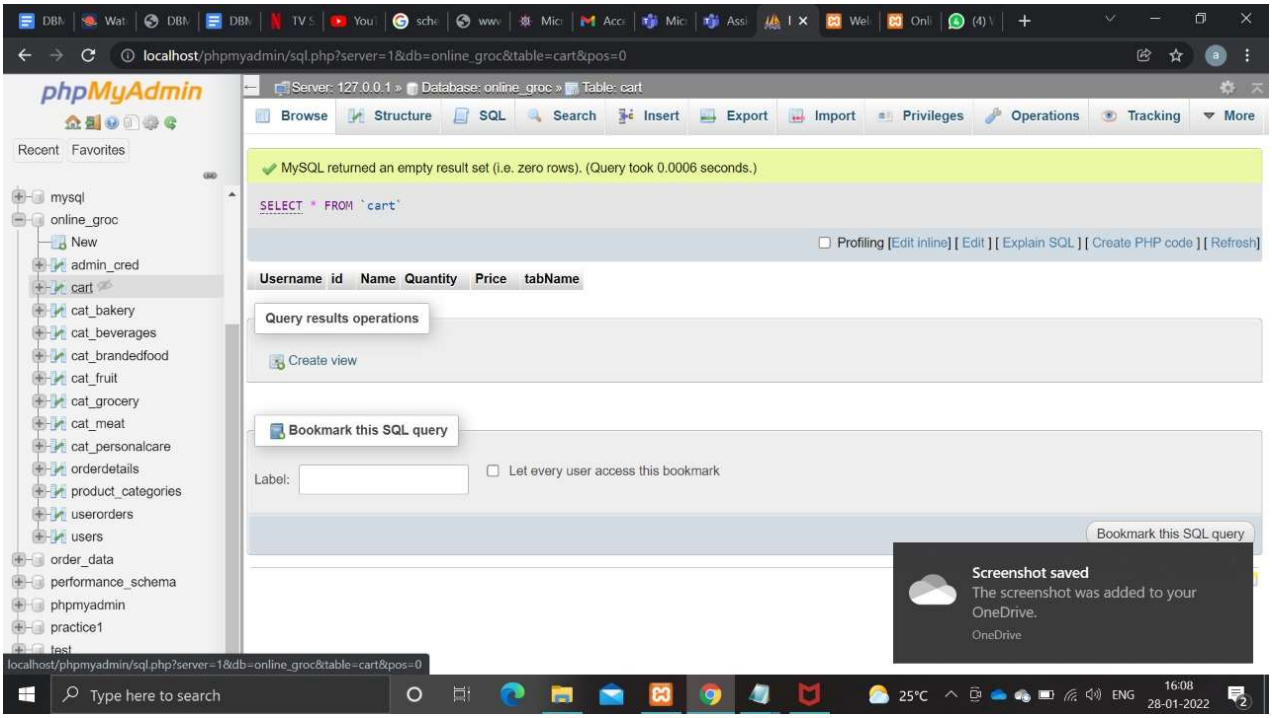
```
MariaDB [online_groc]> show create table cat_fruit;
+-----------+-----------------------
```

Back end

We did the backend using PHPMYADMIN .

The main purpose of phpMyAdmin is to handle the administration of MySQL over the web. It is the most popular application for MySQL database management. We can create, update, drop, alter, delete, import, and export MySQL database tables by using this software.




localhost/phpmyadmin/sql.php?server=1&db=online_groc&table=cart&pos=0
phpMyAdmin
Recent Favorites
mysql
online_groc
New
admin_cred
cart
cat_bakery
cat_beverages
cat_brandedfood
cat_fruit
cat_grocery
cat_meat
cat_personalcare
orderdetails
product_categories
userorders
users
order_data
performance_schema
phpmyadmin
practice1
test
Server: 127.0.0.1 » Database: online_groc » Table: cart
Browse Structure SQL Search Insert Export Import Privileges Operations Tracking More
MySQL returned an empty result set (i.e. zero rows). (Query took 0.0006 seconds.)
SELECT * FROM `cart`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Username id Name Quantity Price tabName
Query results operations
Create view
Bookmark this SQL query
Label:
Let every user access this bookmark
Bookmark this SQL query
Screenshot saved
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OneDrive
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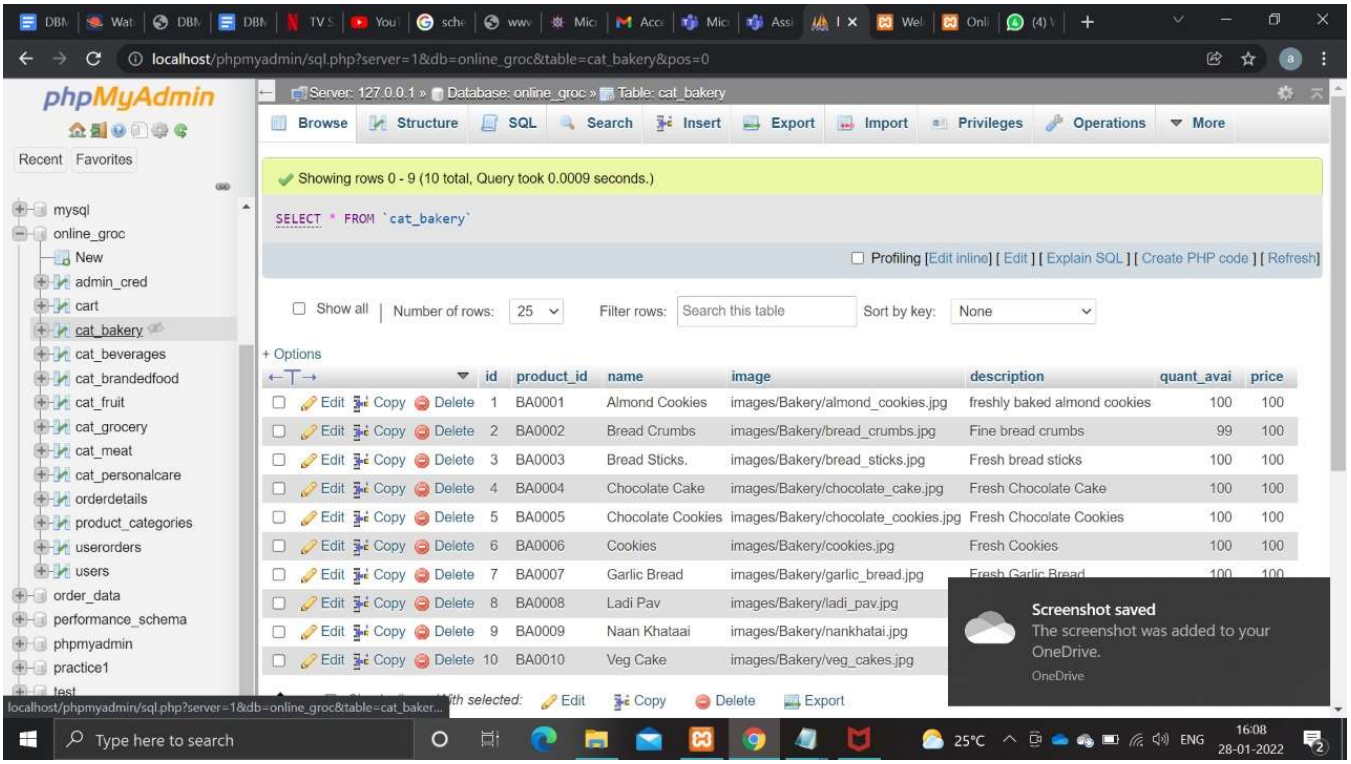
28-01-2022


localhost/phpmyadmin/sql.php?server=1&db=online_groc&table=cat_bakery&pos=0
phpMyAdmin
Recent Favorites
mysql
online_groc
New
admin_cred
cart
cat_bakery
cat_beverages
cat_brandedfood
cat_fruit
cat_grocery
cat_meat
cat_personalcare
orderdetails
product_categories
userorders
users
order_data
performance_schema
phpmyadmin
practice1
test
Server: 127.0.0.1 » Database: online_groc » Table: cat_bakery
Browse Structure SQL Search Insert Export Import Privileges Operations More
Showing rows 0 - 9 (10 total, Query took 0.0009 seconds.)
SELECT * FROM `cat_bakery`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
+ Options
id product_id name image description quant_avai price
1 BA0001 Almond Cookies images/Bakery/almond_cookies.jpg freshly baked almond cookies 100 100
2 BA0002 Bread Crumbs images/Bakery/bread_crumbs.jpg Fine bread crumbs 99 100
3 BA0003 Bread Sticks. images/Bakery/bread_sticks.jpg Fresh bread sticks 100 100
4 BA0004 Chocolate Cake images/Bakery/chocolate_cake.jpg Fresh Chocolate Cake 100 100
5 BA0005 Chocolate Cookies images/Bakery/chocolate_cookies.jpg Fresh Chocolate Cookies 100 100
6 BA0006 Cookies images/Bakery/cookies.jpg Fresh Cookies 100 100
7 BA0007 Garlic Bread images/Bakery/garlic_bread.jpg
8 BA0008 Ladi Pav images/Bakery/ladi_pav.jpg
9 BA0009 Naan Khataai images/Bakery/nankhatai.jpg
10 BA0010 Veg Cake images/Bakery/veg_cakes.jpg
With selected: Edit Copy Delete Export
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OneDrive
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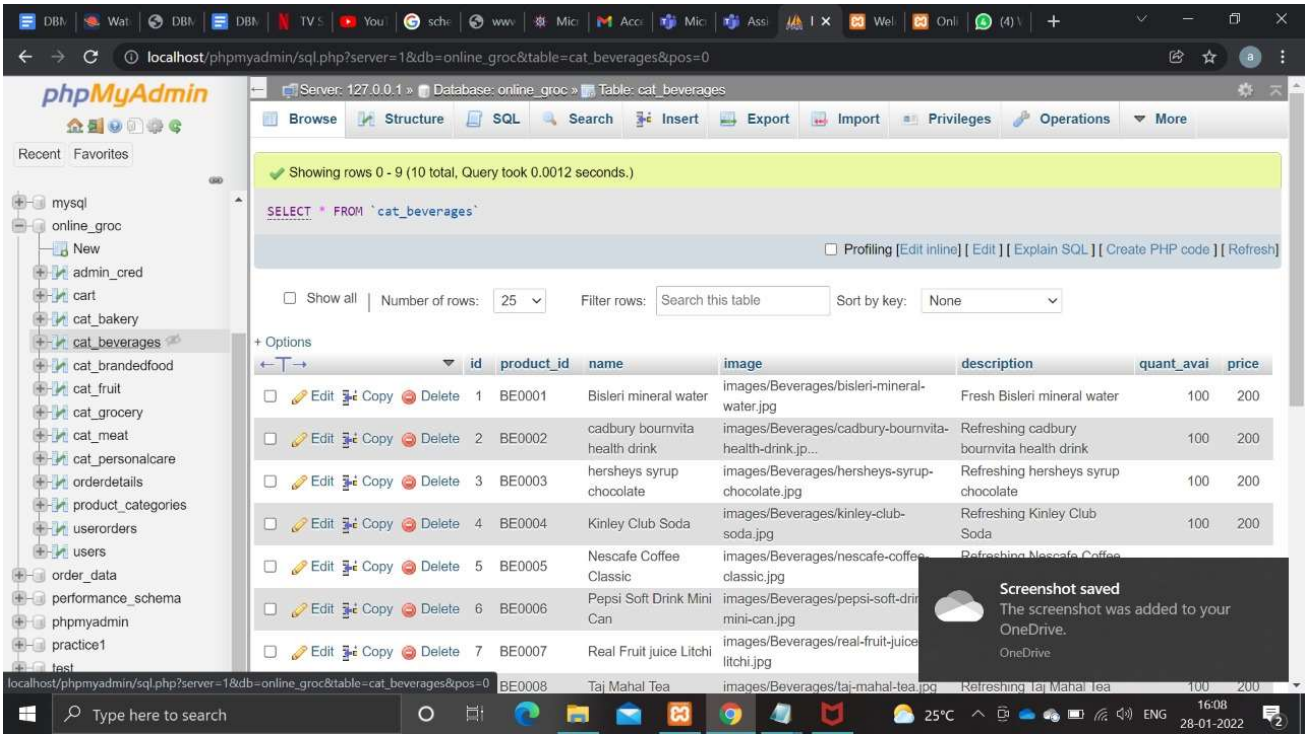
localhost/phpmyadmin/sql.php?server=1&db=online_groc&table=cat_beverages&pos=0
phpMyAdmin
Server: 127.0.0.1 » Database: online_groc » Table: cat_beverages
Browse
Structure
SQL
Search
Insert
Export
Import
Privileges
Operations
More
Showing rows 0 - 9 (10 total, Query took 0.0012 seconds.)
SELECT * FROM `cat_beverages`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
+ Options
id product_id name image description quant_avai price
1 BE0001 Bisleri mineral water images/Beverages/bisleri-mineral-water.jpg Fresh Bisleri mineral water 100 200
2 BE0002 cadbury bournvita health drink images/Beverages/cadbury-bournvita-health-drink.jp... Refreshing cadbury bournvita health drink 100 200
3 BE0003 hersheys syrup chocolate images/Beverages/hersheys-syrup-chocolate.jpg Refreshing hersheys syrup chocolate 100 200
4 BE0004 Kinley Club Soda images/Beverages/kinley-club-soda.jpg Refreshing Kinley Club Soda 100 200
5 BE0005 Nescafe Coffee Classic images/Beverages/nescafe-coffee-classic.jpg
6 BE0006 Pepsi Soft Drink Mini Can images/Beverages/pepsi-soft-drink-mini-can.jpg
7 BE0007 Real Fruit juice Litchi images/Beverages/real-fruit-juice-litchi.jpg
8 BE0008 Taj Mahal Tea images/Beverages/taj-mahal-tea.jpg Refreshing Taj Mahal Tea 100 200
Edit Copy Delete
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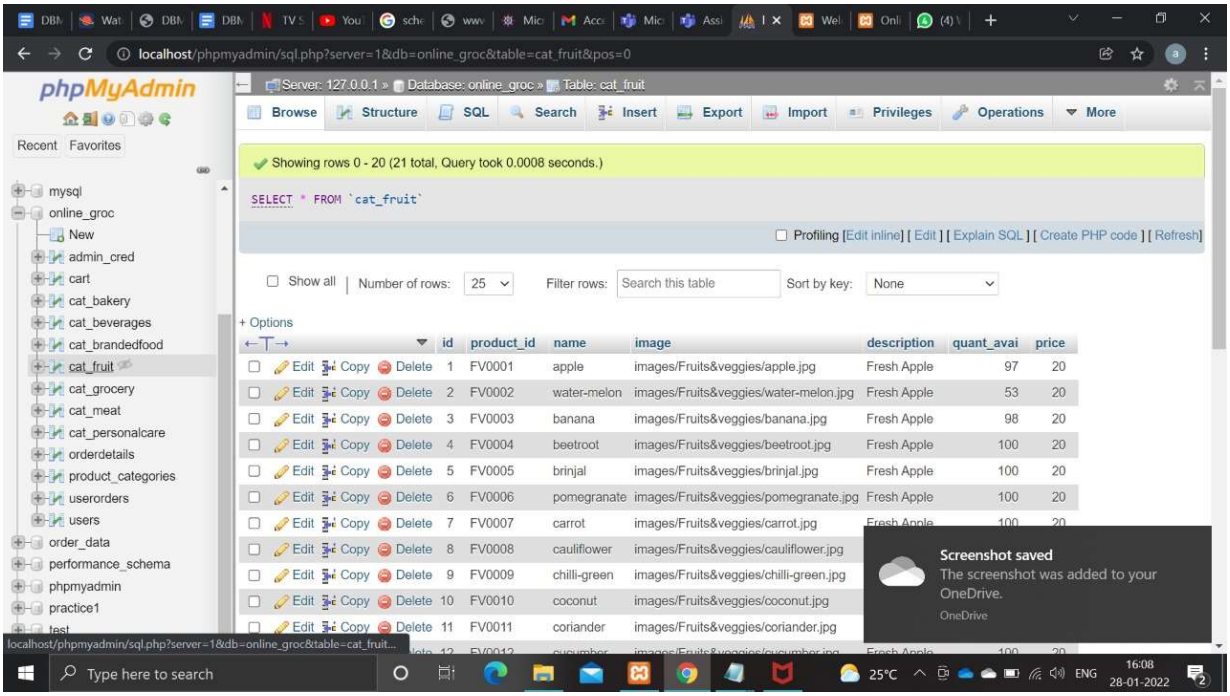
25°C
ENG
16:08
28-01-2022


localhost/phpmyadmin/sql.php?server=1&db=online_groc&table=cat_fruit&pos=0
phpMyAdmin
Server: 127.0.0.1 » Database: online_groc » Table: cat_fruit
Browse
Structure
SQL
Search
Insert
Export
Import
Privileges
Operations
More
Showing rows 0 - 20 (21 total, Query took 0.0008 seconds.)
SELECT * FROM `cat_fruit`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
+ Options
id product_id name image description quant_avai price
1 FV0001 apple images/Fruits&veggies/apple.jpg Fresh Apple 97 20
2 FV0002 water-melon images/Fruits&veggies/water-melon.jpg Fresh Apple 53 20
3 FV0003 banana images/Fruits&veggies/banana.jpg Fresh Apple 98 20
4 FV0004 beetroot images/Fruits&veggies/beetroot.jpg Fresh Apple 100 20
5 FV0005 brinjal images/Fruits&veggies/brinjal.jpg Fresh Apple 100 20
6 FV0006 pomegranate images/Fruits&veggies/pomegranate.jpg Fresh Apple 100 20
7 FV0007 carrot images/Fruits&veggies/carrot.jpg
8 FV0008 cauliflower images/Fruits&veggies/cauliflower.jpg
9 FV0009 chilli-green images/Fruits&veggies/chilli-green.jpg
10 FV0010 coconut images/Fruits&veggies/coconut.jpg
11 FV0011 coriander images/Fruits&veggies/coriander.jpg
Edit Copy Delete
Screenshot saved
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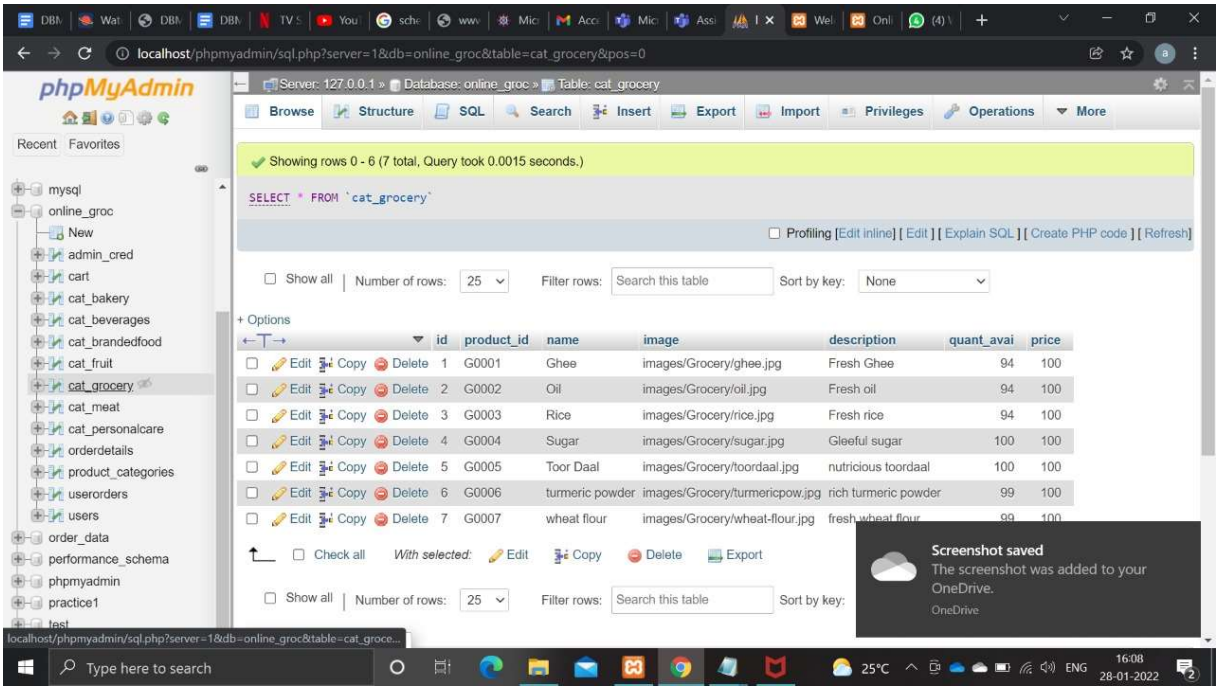
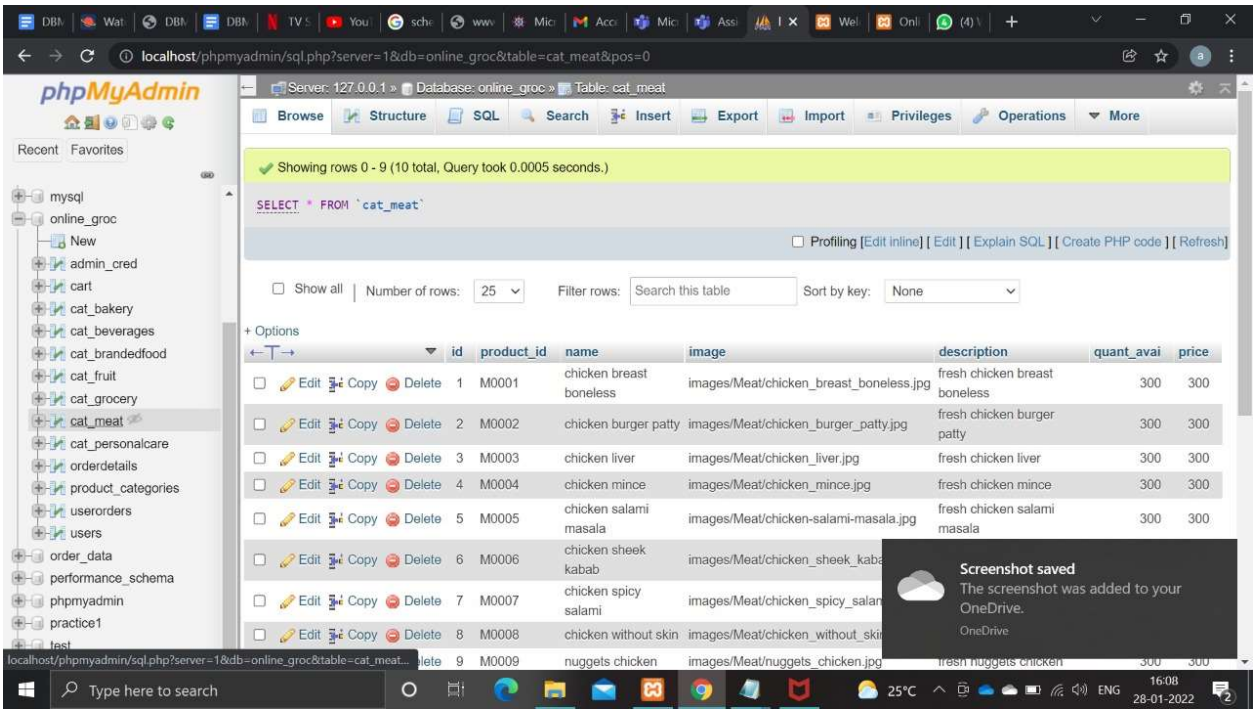
OneDrive
Type here to search
25°C
ENG
16:08
28-01-2022


localhost/phpmyadmin/sql.php?server=1&db=online_groc&table=cat_grocery&pos=0
phpMyAdmin
Server: 127.0.0.1 » Database: online_groc » Table: cat_grocery
Browse Structure SQL Search Insert Export Import Privileges Operations More
Showing rows 0 - 6 (7 total, Query took 0.0015 seconds.)
SELECT * FROM `cat_grocery`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
+ Options
id product_id name image description quant_avai price
1 G0001 Ghee images/Grocery/ghee.jpg Fresh Ghee 94 100
2 G0002 Oil images/Grocery/oil.jpg Fresh oil 94 100
3 G0003 Rice images/Grocery/rice.jpg Fresh rice 94 100
4 G0004 Sugar images/Grocery/sugar.jpg Gleeful sugar 100 100
5 G0005 Toor Daal images/Grocery/toordaal.jpg nutricious toordaal 100 100
6 G0006 turmeric powder images/Grocery/turmericpow.jpg rich turmeric powder 99 100
7 G0007 wheat flour images/Grocery/wheat-flour.jpg
Check all With selected: Edit Copy Delete Export
Screenshot saved
The screenshot was added to your OneDrive.
OneDrive
Type here to search
25°C ENG 16:08 28-01-2022


localhost/phpmyadmin/sql.php?server=1&db=online_groc&table=cat_meat&pos=0
phpMyAdmin
Server: 127.0.0.1 » Database: online_groc » Table: cat_meat
Browse Structure SQL Search Insert Export Import Privileges Operations More
Showing rows 0 - 9 (10 total, Query took 0.0005 seconds.)
SELECT * FROM `cat_meat`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
+ Options
id product_id name image description quant_avai price
1 M0001 chicken breast boneless images/Meat/chicken_breast_boneless.jpg fresh chicken breast boneless 300 300
2 M0002 chicken burger patty images/Meat/chicken_burger_patty.jpg fresh chicken burger patty 300 300
3 M0003 chicken liver images/Meat/chicken_liver.jpg fresh chicken liver 300 300
4 M0004 chicken mince images/Meat/chicken_mince.jpg fresh chicken mince 300 300
5 M0005 chicken salami masala images/Meat/chicken-salami-masala.jpg fresh chicken salami masala 300 300
6 M0006 chicken sheek kabab
7 M0007 chicken spicy salami
8 M0008 chicken without skin
9 M0009 nuggets chicken images/Meat/nuggets_chicken.jpg
Screenshot saved
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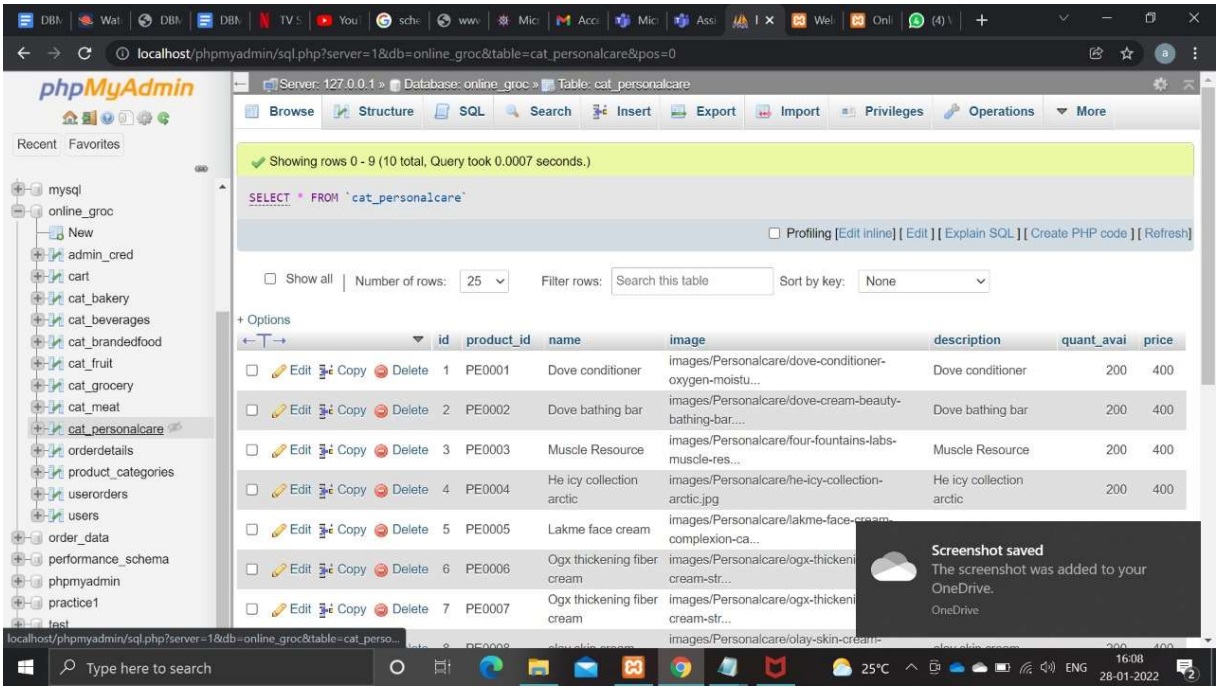
25°C ENG 16:08 28-01-2022


localhost/phpmyadmin/sql.php?server=1&db=online_groc&table=cat_personalcare&pos=0
phpMyAdmin
Server: 127.0.0.1 » Database: online_groc » Table: cat_personalcare
Browse Structure SQL Search Insert Export Import Privileges Operations More
Showing rows 0 - 9 (10 total, Query took 0.0007 seconds.)
SELECT * FROM `cat_personalcare`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
+ Options
id product_id name image description quant_avai price
1 PE0001 Dove conditioner images/Personalcare/dove-conditioner-oxygen-moistu... Dove conditioner 200 400
2 PE0002 Dove bathing bar images/Personalcare/dove-cream-beauty-bathing-bar.... Dove bathing bar 200 400
3 PE0003 Muscle Resource images/Personalcare/four-fountains-labs-muscle-res... Muscle Resource 200 400
4 PE0004 He icy collection arctic images/Personalcare/he-icy-collection-arctic.jpg He icy collection arctic 200 400
5 PE0005 Lakme face cream images/Personalcare/lakme-face-cream-complexion-ca...
6 PE0006 Ogx thickening fiber cream images/Personalcare/ogx-thickeni cream-str...
7 PE0007 Ogx thickening fiber cream images/Personalcare/ogx-thickeni cream-str...
Screenshot saved
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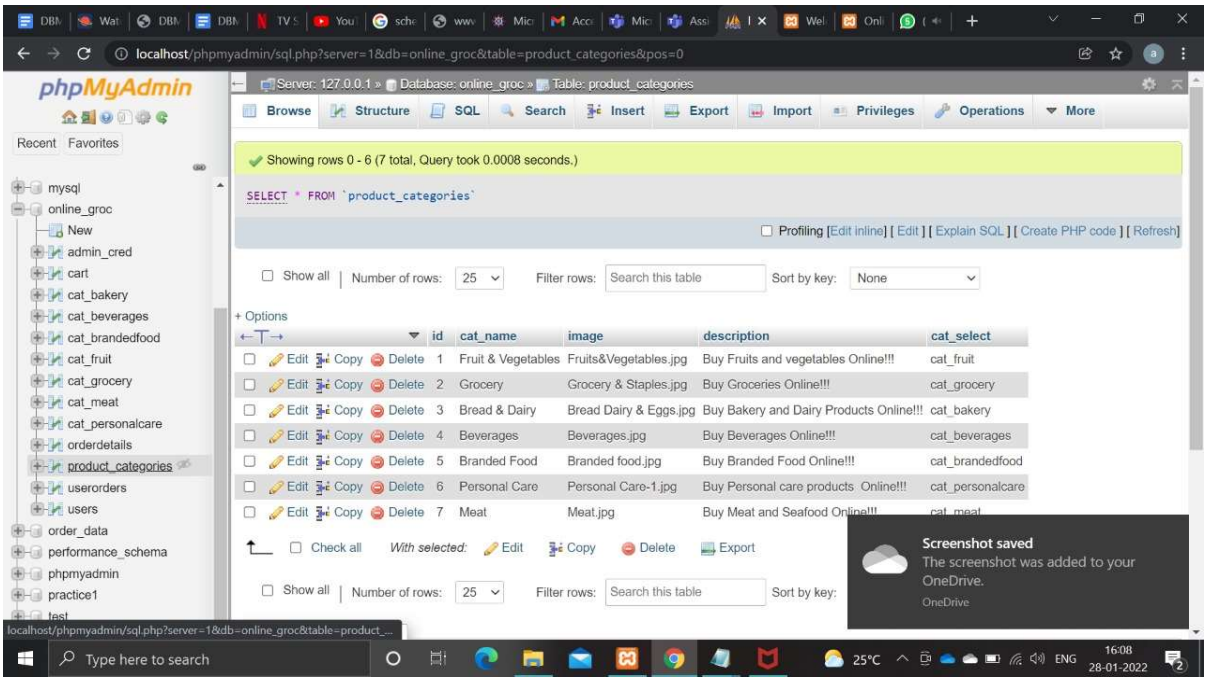
localhost/phpmyadmin/sql.php?server=1&db=online_groc&table=product_categories&pos=0
phpMyAdmin
Server: 127.0.0.1 » Database: online_groc » Table: product_categories
Browse Structure SQL Search Insert Export Import Privileges Operations More
Showing rows 0 - 6 (7 total, Query took 0.0008 seconds.)
SELECT * FROM `product_categories`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
+ Options
id cat_name image description cat_select
1 Fruit & Vegetables Fruits&Vegetables.jpg Buy Fruits and vegetables Online!!! cat_fruit
2 Grocery Grocery & Staples.jpg Buy Groceries Online!!! cat_grocery
3 Bread & Dairy Bread Dairy & Eggs.jpg Buy Bakery and Dairy Products Online!!! cat_bakery
4 Beverages Beverages.jpg Buy Beverages Online!!! cat_beverages
5 Branded Food Branded food.jpg Buy Branded Food Online!!! cat_brandedfood
6 Personal Care Personal Care-1.jpg Buy Personal care products Online!!! cat_personalcare
7 Meat Meat.jpg Buy Meat and Seafood Online!!! cat_meat
Check all With selected: Edit Copy Delete Export
Screenshot saved
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