

CSP584 Final Project - Grocery Hub

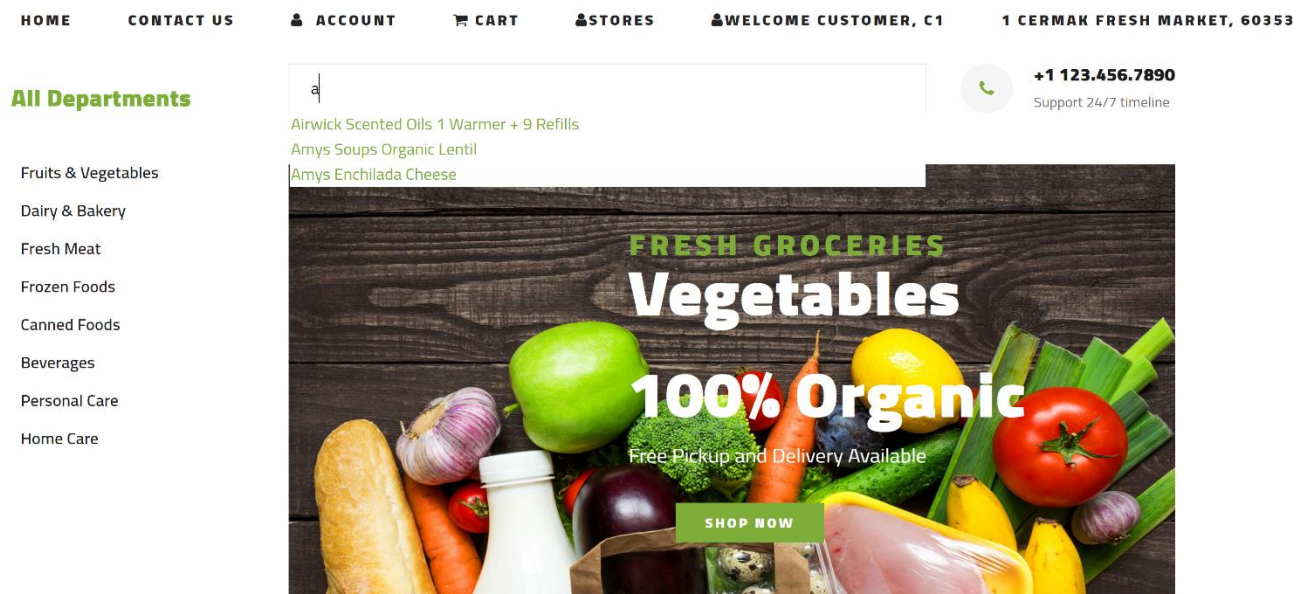
Team 11:

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Home Page with Autocomplete Search Bar, header and Left Navigation Bar:



AutoComplete Search Result:



All Departments

- Fruits & Vegetables
- Dairy & Bakery
- Fresh Meat
- Frozen Foods
- Canned Foods
- Beverages
- Personal Care
- Home Care



Amys Enchilada Cheese
\$3.99

Product Recommendation and Twitter Deal Matches on Home Page:

Recommended For You



broccoli
\$2.89



Dove Sensitive Bar Soap
\$19.89



shrimp
\$11.49



Kirkland Signature 100% Juice
Cranberry
\$8.69

Deal Matches

Matching Tweets:

- #TastyTuesday - Fritzi Coop's secret skinless triple-buttermilk-battered chicken sandwich
- Home-roasted turkey breast with Swiss, lettuce, to... <https://t.co/gQleRMBrEe>
- #FallMarketFavorites - Had enough turkey already? Then try The Gumbo Pot's new
- #TastyTuesday - Fritzi Coop's secret skinless triple-buttermilk-battered chicken sandwich



turkey
\$5.79



milk
\$4.59



lettuce
\$2.89



chicken
\$1.79

Trending Feature of Latest, Top Rated and Top Sold Products on Home Page along with Footer:

Trending:

Latest Products



yogurt
\$3.49



turkey
\$5.79



Disinfecting Spray
\$20.59



Softener
\$12.39



Frappuccino
\$21.19

Top Rated Products



Banana(5)
\$0.59



Signature SELECT Beets Sliced Pickled
Can(5)
\$1.29



Gain High Efficiency Laundry
Detergent, 146 Loads(5)
\$22.39



turkey(5)
\$5.79



apple(5)
\$2.29

Top Sold Products



chicken(3)
\$1.79



broccoli(3)
\$2.89



Banana(2)
\$0.59



Healthy Choice Soup Country
Vegetable(2)
\$1.99



Scotch-Brite Heavy Duty Scrub
Sponges(2)
\$16.19

Address: 214W, 31st Street
Chicago IL-60616
Phone: +1 111.222.3333
Email: EWA@GroceryHub.com

Useful Links
[About Us](#)
[Privacy Policy](#)
[Secure Shopping](#)

Join Our Newsletter Now

Get E-mail updates about our latest items and special offers.

Create Account Feature along with Form Validation/s for all Fields:

Username*

Email id*

UserType*

Customer

- Customer
- Store Manager
- Admin

☒ Show Password

Repeat Password*

☒ Show Repeat Password

Please Enter Data in all the fields

CREATE ID

Order History of a Customer :

[HOME](#)
[CONTACT US](#)
[ACCOUNT](#)
[CART](#)
[STORES](#)
[WELCOME CUSTOMER, C1](#)
[1 CERMAK FRESH MARKET, 60353](#)

[Log Out](#)
[Order History](#)

[SEARCH](#)

+1 123.456.7890
 Support 24/7 timeline

Order History:

USER NAME	ORDER ID	PRODUCT NAME	NO. OF ITEMS	COUNT/WEIGHT(PER ITEM)	ORDER TOTAL
c1	15	crab	6	1lb	122.22
c1	15	Scotch-Brite Heavy Duty Scrub Sponges	1	21 ct	122.22
c1	16	chicken	1	1lb	1.79

STORE ID	STORE ADDRESS	ORDER DATE	DELIVERY DATE	
1	none	2020-12-04	2020-12-18	CANCEL ORDER
1	none	2020-12-04	2020-12-18	CANCEL ORDER
2	214W, 31st Street, Chicago, IL	2020-12-04	2020-12-18	CANCEL ORDER

Contact Us Page for All Users :

Contact Us

[Home](#) - [Contact Us](#)

Phone
 +1 123 456 7890

Address
 214W 31st Street, Chicago, IL 60616

Open time
 10:00 am to 11:00 pm

Email
 GroceryHub@EWA.com




Illinois Institute Of Technology
 Phone: +123-456-7890
 10 W 34th St, Chicago, IL 60616

[SEND MESSAGE](#)

Shopping Cart:

Shopping Cart

Home — Shopping Cart

Products	Price	Quantity	Total
<div><div></div><div>Banana</div></div>	\$0.59/1lb	<div>- 1 +</div>	<div><div></div>\$0.59<div></div></div>
<div><div></div><div>coconutmilk</div></div>	\$3.49/13.66floz	<div>- 2 +</div>	<div><div></div>\$6.98<div></div></div>
<div><div></div><div>Coca Cola Classic</div></div>	\$14.49/35 x 12 fl oz	<div>- 5 +</div>	<div><div></div>\$72.45<div></div></div>

Cart Total

Total

\$80.02

PROCEED TO CHECKOUT

Google Maps - Stores Near Me:

1. Cermak Fresh Market
19 South LaSalle Street, Chicago, IL
60353
SELECT THIS STORE

2. Jewel-Osco
214W, 31st Street, Chicago, IL
60621
SELECT THIS STORE

3. Starlight-Market
I-55 south, ChinaTown, Chicago, IL
60051
SELECT THIS STORE

Display Products from a Particular Store after the User selects his/her store from above

All Departments

Fruits & Vegetables
Dairy & Bakery
Fresh Meat
Frozen Foods
Canned Foods
Beverages
Personal Care
Home Care

5 Products found in Store 1



Banana
\$0.59



broccoli
\$2.89



grapes
\$2.89



mango
\$2.59



pineapple
\$3.49



yogurt
\$3.49

Remember me feature for Login Page which uses Cookies to Store User Data:

HOME CONTACT US ACCOUNT CART STORES WELCOME 1 CERMAK FRESH MARKET, 60353

Login
Create Account

Please Login/Create an Account

Username*


Password*

LOGIN
☒ Remember me

Application

Name	Value	Domain	Path	Expires / M...	Size	HttpOnl
username-localhost-8889	"2 1:0 10:1607144228 23:username-localhost-8889 44:yJM1ODI1ZDcw..."	localhost	/	2021-01-04...	184	✓
username-localhost-8888	"2 1:0 10:1607069867 23:username-localhost-8888 44:Y2U5ZjMzjk0Yz..."	localhost	/	2021-01-03...	184	✓
_xsrf	2 0a43e5cb 7add2d65364c271de24d162af298f05 1607069836	localhost	/	Session	59	
cookpass	Cc1@12345	localhost	/Grocery%2...	2021-12-05...	17	
cookuser	c1	localhost	/Grocery%2...	2021-12-05...	10	
JSESSIONID	A75C00B675C11654607012D34EA930F	localhost	/Grocery%2...	Session	42	✓
repeatVisitor	yes	localhost	/Grocery%2...	2021-12-04...	16	
cookrem	1	localhost	/Grocery%2...	2021-12-05...	8	

Product Details for Individual Products with Description, Add to Cart, Write and View Reviews



Dove Sensitive Bar Soap

★★★★★

\$19.89/16 x 3.75 Oz

-

+

ADD TO CART

Availability 30 Items In Stock
Shipping 01 day shipping.
Free pickup available today

WRITE REVIEW


Share on
[f](#) [t](#) [@](#)

Description

User Name: c1
Review Date: 04 December 2020
Review Rating: 4
Review Text: good soap

View Reviews

Write a Review:



Banana

\$0.59

Review Rating*

1

Write a review for the product*

SUBMIT

Store Manager Features

HOME

CONTACT US

ACCOUNT

ACTIONS

CART

WELCOME STOREMANAGER, S1

1 CERMAK FRESH MARKET, 60351

All Departments

Fruits & Vegetables

Dairy & Bakery

Fresh Meat

Frozen Foods

Canned Foods

Beverages

Personal Care

Home Care

Search Grocery Hub

Add

Update

Delete

Analytics

+1 123.456.7890

Support 24/7 timeline

FRESH GROCERIES

Vegetables

100% Organic

Free Pickup and Delivery Available

SHOP NOW

Add Product

ProductId*

Category*

Fruits&Vegetables

ProductName*

Image*

Choose File

No file chosen

Price*

Discount*

Weight*

Number_Of_Items*

ADD

Update Product

ProductId*

Category*

Fruits&Vegetables

ProductName*

Image*

Choose File

No file chosen

Price*

Discount*

Weight*

Number_Of_Items*

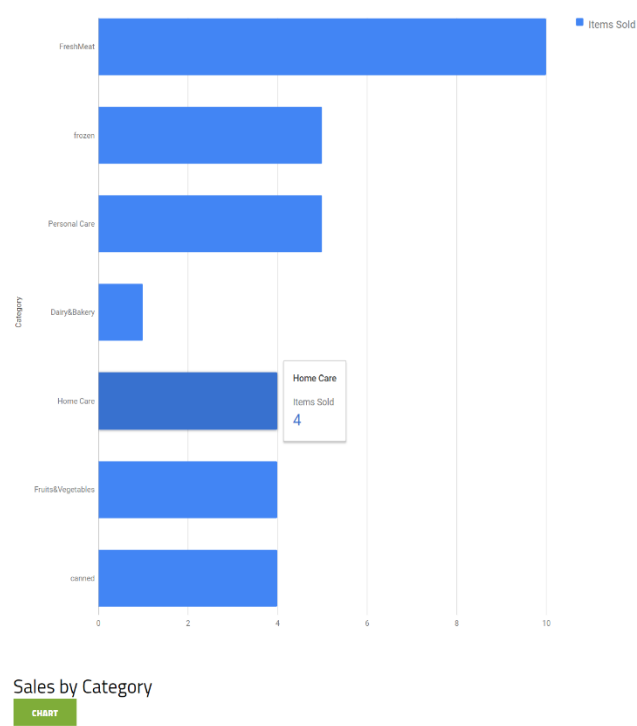
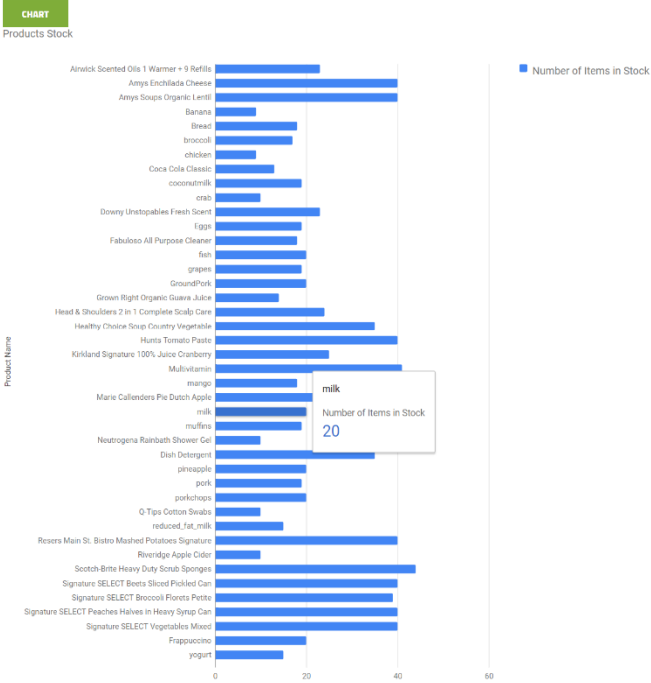
UPDATE

Delete Product

ProductId*

DELETE

Products Stock Chart



Store Manager can see the Details of all Orders Placed at his/her store

Order History:

USER NAME	ORDER ID	PRODUCT NAME	NO. OF ITEMS	COUNT/WEIGHT(PER ITEM)	ORDER TOTAL
c4	17	Banana	1	1lb	0.59
sai	18	Banana	3	1lb	164.31
sai	18	Healthy Choice Soup Country Vegetable	4	15 Oz	164.31
sai	18	Multivitamin	4	500 ct	164.31
sai	18	Marie Callenders Pie Dutch Apple	4	38 Oz	164.31
sai	18	pork	1	1lb	164.31
sai	18	Scotch-Brite Heavy Duty Scrub Sponges	3	21 ct	164.31
sai	19	Grown Right Organic Guava Juice	1	2 x 64 oz	6.79
s1	12	chicken	3	1lb	7.86
s1	12	Signature SELECT Broccoli Florets Petite	1	16 Oz	7.86
s1	13	Head & Shoulders 2 in 1 Complete Scalp Care	1	40 fl oz	16.19
s1	14	muffins	1	10.3oz	2.89
c1	15	crab	6	1lb	122.22
c1	15	Scotch-Brite Heavy Duty Scrub Sponges	1	21 ct	122.22

Administrator Features:

HOME

ACCOUNT

ACTIONS

WELCOME ADMIN

All Departments

Fruits & Vegetables

Dairy & Bakery

Fresh Meat

Frozen Foods

Canned Foods

Beverages

Personal Care

Home Care

Add
Update
Delete
Product Stock
Analytics
Store Manager
Creation
Heat Maps
Customer
Feedback
Reviews

Add, Update and Delete Products at Every Store:

Add Product

ProductId*

Category*

ProductName*

Image*

Price*

Discount*

Weight*

Number Of Items*

☐ Store 1

☐ Store 2

☐ Store 3

☐ Store 4

☐ Store 5

Update Product

ProductId*

Category*

ProductName*

Image*

Price*

Discount*

Weight*

Number_Of_Items*

☐ Store 1

☐ Store 2

☐ Store 3

☐ Store 4

☐ Store 5

Delete Product


ProductId*

DELETE

Admin can view the Stock of Products at Every Store

Products Stock

VIEW CHART

Store 1 

CHANGE STORE

Store 1

Store 2


Store 3

Store 4

Store 5

INDEX	PRODUCT ID	PRODUCT NAME	CATEGORY	STOCK	WEIGHT(PER ITE
1	Airwick Scented Oils Warmer + 9 Refills	Airwick Scented Oils 1 Warmer + 9 Refills	Home Care	23	1 each
2	Amys Enchilada Cheese	Amys Enchilada Cheese	frozen	40	9 Oz
3	Amys Soups Organic Lentil	Amys Soups Organic Lentil	canned	40	15 Oz
5	Banana	Banana	Fruits&Vegetables	9	1lb
9	Bread	Bread	Dairy&Bakery	18	20oz
11	broccoli	broccoli	Fruits&Vegetables	17	1lb
14	chicken	chicken	FreshMeat	9	1lb

Products Stock

Store 1 

CHANGE STORE

Store 1

Store 2

Store 3

Store 4

Store 5

INDEX	PRODUCT ID	PRODUCT NAME	CATEGORY	STOCK	WEIGHT(PER ITE
2	Amys Enchilada Cheese	Amys Enchilada Cheese	zen	40	9 Oz
4	apple	apple	Fruits&Vegetables	14	1lb
8	Birds Eye Steamfresh Selects Peas Sweet	Birds Eye Steamfresh Selects Peas Sweet	frozen	40	10 Oz
9	Bread	Bread	Dairy&Bakery	18	20oz
13	Campbells SpaghettiOs Pasta Meatballs	Campbells SpaghettiOs Pasta Meatballs	canned	40	15 Oz
14	chicken	chicken	FreshMeat	9	1lb
15	chickendrumsticks	chickendrumsticks	FreshMeat	20	1lb
16	cilantro	cilantro	Fruits&Vegetables	20	0.5lb
17	Coca Cola Classic	Coca Cola Classic	Beverages	13	35 x 12 fl oz
18	coconutmilk	coconutmilk	Dairy&Bakery	19	13.66floz
19	Colgate Total SF Advanced Whitening Toothpaste	Colgate Total SF Advanced Whitening Toothpaste	Personal Care	20	5 x 6.4 oz

Sales by Product

SEE TABLE

Sales by Product

PRODUCT NAME	NO. OF ITEMS SOLD
chicken	5
Bread	1
broccoli	3
grapes	1
Healthy Choice Soup Country Vegetable	5
mango	1
apple	1
Signature SELECT Broccoli Florets Petite	1
Head & Shoulders 2 in 1 Complete Scalp Care	1
muffins	1
crab	6
Scotch-Brite Heavy Duty Scrub Sponges	4
Banana	4
Multivitamin	4
Marie Callenders Pie Dutch Apple	4
pork	1

CHART

Sales by Product

CHART

Products Sold

Number of Products Sold



Total Sales in a day

SEE TABLE

Sales by Date

SALES DATE	TOTAL
2020-11-19	\$8.959999999999999
2020-11-20	\$5.48
2020-12-02	\$2.29
2020-12-04	\$315.84999999999997
2020-12-05	\$6.79

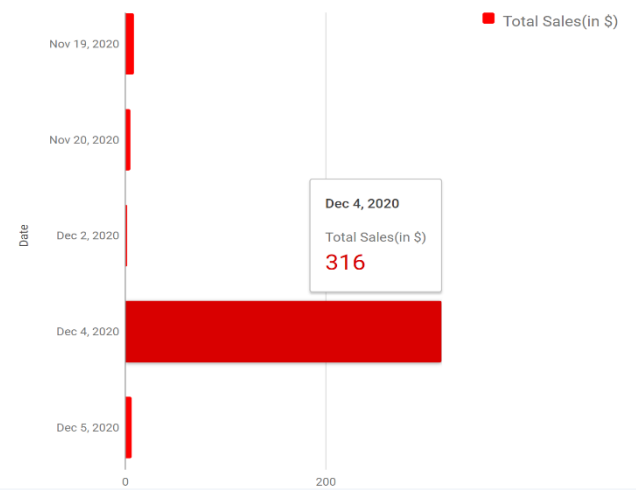
CHART

Sales by Date

CHART

Products Sold

Number of Products Sold



Admin can create Store Manager/s:

HOME

ACCOUNT

ACTIONS

WELCOME ADMIN

Username*

Email id*

Store ID*

Store ID 1

Store ID 1

Store ID 2

Store ID 3

Store ID 4

Store ID 5

Add

Update

Delete

Product Stock

Analytics

Store Manager Creation

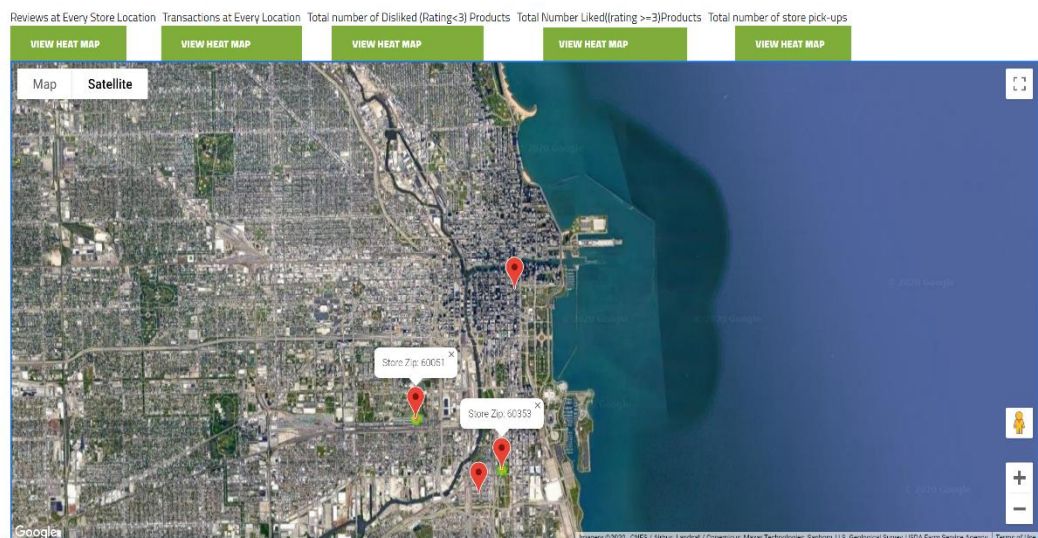
Heat Maps

Customer Feedback

Reviews

CREATEID

Admin Can View all the below HeatMap/s:



Admin can View the Feedback of all the Customers and Reviews of all the Products

Customer Feedback

Feedback id : 57ac5abf-9f93-4cee-81c4-4f8962cb724e

Customer Name : da

Email : asd@xyz.com

Problem : asd

Feedback id : 5e19b87f-fc04-40c9-9a22-e6f10eb42669

Customer Name : Sai Charan Akkena

Email : saicharan637@gmail.com

Problem : good

Feedback id : 7ae185-3806-4eaf-8ee6-5b098137f3fb

Customer Name : Sai Charan Akkena

Email : saicharan637@gmail.com

Problem : hello Admin

Feedback id : ab25cccb-ddc9-4ec3-b9c2-eb0df4d5c857

Customer Name : Sai Charan Akkena

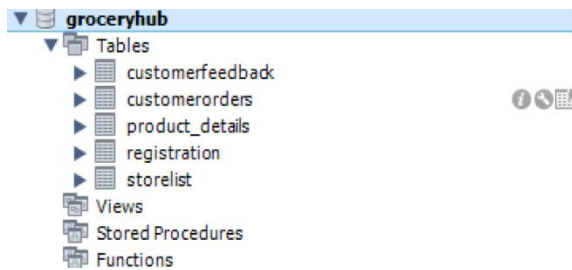
Email : saicharan637@gmail.com

Problem : good

View Reviews Of All Products

Airwick Scented Oils 1 Warmer + 9 Refills		PROCEED
Airwick Scented Oils 1 Warmer + 9 Refills		
Amy's Enchilada Cheese	Product Name : Banana	
Amy's Soups Organic Lentil	Category : Fruits&Vegetables	
apple	Rating : 5	
Banana	Date : 04 December 2020	
Baylis Harding England Soap 4 pack	Store Zip : 60353	
bell_pepper	Review : good banana...!	
Birds Eye Steamfresh Selects Peas Sweet	Product Name : Banana	
Bread	Category : Fruits&Vegetables	
Breyers Ice Cream Natural Vanilla	Rating : 5	
broccoli	Date : 05 December 2020	
buns	Store Zip : 60353	
Campbell's SpaghettiOs Pasta Meatballs	Review : good banana	
chicken	Product Name : Banana	
chickendrumsticks	Category : Fruits&Vegetables	
cilantro	Rating : 3	
Coca Cola Classic	Date : 05 December 2020	
	Store Zip : 60353	
	Review : Very Good	

MySQL:



Tables:

(1)Product Details:

The screenshot shows the MySQL query results for the 'product_details' table. The query is: `SELECT * FROM groceryhub.product_details;` The results are displayed in a table with 12 columns: Index, ProductId, ProductName, Image, Price, Discount, Category, Number_Of_Items, Weight, s1, and s2. The table contains 13 rows of data.

Index	ProductId	ProductName	Image	Price	Discount	Category	Number_Of_Items	Weight	s1	s2
1	Airwick Scented Oils 1 Warmer + 9 Refills	Airwick Scented Oils 1 Warmer + 9 Refills	27.jpeg	17.69	4	Home Care	23	1 each	YES	NO
2	Amys Enchilada Cheese	Amys Enchilada Cheese	frozenamy.jpg	3.99	10	frozen	40	9 Oz	YES	YES
3	Amys Soups Organic Lentil	Amys Soups Organic Lentil	cannedolentil.jpg	3.49	0	canned	40	15 Oz	YES	NO
4	apple	apple	apple.jpg	2.29	0.5	Fruits&Vegetables	14	1lb	NO	YES
5	Banana	Banana	Banana.jpg	0.59	0.3	Fruits&Vegetables	9	1lb	YES	NO
6	Baylis Harding England Soap 4 pack	Baylis Harding England Soap 4 pack	16.jpeg	10.69	2	Personal Care	15	4 x 16.9oz	NO	NO
7	bell_pepper	bell_pepper	bell_pepper.jpg	1.89	0.4	Fruits&Vegetables	20	1lb	NO	NO
8	Birds Eye Steamfresh Selects Peas Sweet	Birds Eye Steamfresh Selects Peas Sweet	frozenpeas.jpg	1.99	10	frozen	40	10 Oz	NO	YES
9	Bread	Bread	Bread.jpg	2.29	0	Dairy&Bakery	18	20oz	YES	YES
10	Breyers Ice Cream Natural Vanilla	Breyers Ice Cream Natural Vanilla	icecream.jpg	4.99	10	frozen	40	48 Oz	NO	NO
11	broccoli	broccoli	broccoli.jpg	2.89	0.4	Fruits&Vegetables	17	1lb	YES	NO
12	buns	buns	buns.jpg	2.29	0.6	Dairy&Bakery	20	8ct	NO	NO
13	Campbell's Soup#10c Pasta Meatballs	Campbell's Soup#10c Pasta Meatballs	cannedsh.jpg	1.49	10	canned	40	15 Oz	NO	YES

(2)Customer Feedback:

The screenshot shows the MySQL query results for the 'customerfeedback' table. The query is: `SELECT * FROM groceryhub.customerfeedback;` The results are displayed in a table with 5 columns: feedbackId, customerName, emailId, and cproblem. The table contains 5 rows of data.

feedbackId	customerName	emailId	cproblem
57ac5abf-9f93-4cee-81c4-4f8962cb724e	da	asd@xyz.com	asd
5e19b87f-fc04-40c9-9a22-e6f10eb42669	Sai Charan Akkena	saicharan637@gmail.com	good
7afe185-3806-4eaf-8eef-5b098137f3fb	Sai Charan Akkena	saicharan637@gmail.com	hello Admin
ab25cccb-ddc9-4ec3-b9c2-eb0d4d5c857	Sai Charan Akkena	saicharan637@gmail.com	good

(3)Customer Orders:

customerfeedback customerorders product_details registration storelist

1 • SELECT * FROM groceryhub.customerorders;

OrderId	username	email	firstname	lastname	customerAddress	customerZip	customerPhoneNo	orderNotes	creditCardNo	productId
9	ram	sacharan637@gmail.com	Sa	Akkena	214 W 31st St, Apt 4E,Chicago,Illinois,...	60616	7736916392	ggg	123	mango
10	ram	sacharan637@gmail.com	Sa	Akkena	214 W 31st St, Apt 4E,Chicago,Illinois,...	60616	7736916392	hj	2134	broccoli
11	sai	asd@xyz.com	charan	charan	214 W 31st St, Apt 4E,Chicago,Illinois,...	60616	1111	asd	12313	apple
12	s1	asd@gmail.com	Sa	Akkena	214 W 31st St, Apt 4E,Chicago,Illinois,...	60616	7736916392		111	chicken
12	s1	asd@gmail.com	Sa	Akkena	214 W 31st St, Apt 4E,Chicago,Illinois,...	60616	7736916392		111	Signature SELECT
13	s1	sacharan637@gmail.com	ram	ram	7-5-8/2, Flat No:102, Sri Venkateswara Nivas, P...	530003	9849355900		123	Head & Shoulders
14	s1	sacharan637@gmail.com	Sa	Akkena	214 W 31st St, Apt 4E,Chicago,Illinois,...	60616	7736916392	ads	123	muffins
15	c1	sacharan637@gmail.com	Sa	Akkena	214 W 31st St, Apt 4E,Chicago,Illinois,...	60616	7736916392	adsa	1231	crab
15	c1	sacharan637@gmail.com	Sa	Akkena	214 W 31st St, Apt 4E,Chicago,Illinois,...	60616	7736916392	adsa	1231	Scotch-Brite Heavy
16	ct	sacharan637@gmail.com	charan	charan	214 W 31st St, Apt 4E,Chicago,Illinois,...	60616	7736916392	bvbw	878	chicken
17	c4	sacharan637@gmail.com	charan	charan	214 W 31st St, Apt 4E,Chicago,Illinois,...	60616	7736916392	asd	123	Banana
18	sai	sacharan637@gmail.com	Sa	Akkena	214 W 31st St, Apt 4E,Chicago,Illinois,...	60616	7736916392		123	Banana
18	sai	sacharan637@gmail.com	Sa	Akkena	214 W 31st St, Apt 4E,Chicago,Illinois,...	60616	7736916392		123	Banana

customerorders 2 x

(4)Registration:

customerfeedback customerorders product_details registration storelist

1 • SELECT * FROM groceryhub.registration;

Index	username	password	usertype	email	address	zipcode	stored
11	raj	Aedfghjkl234	Customer	raj@gmail.com			
12	ram	asd	Customer	ram@gmail.com			
13	s1	Aedfghjkl234	StoreManager				
14	s2	Aedfghjkl2345	StoreManager	sld@asd.com			
15	sld	Aedfghjkl2345	StoreManager	sld@asd.com			
16	vggggggggggggg	Aedfghjkl234	Customer	sacharan637@gmail.com			
17	t	Aedfghjkl23456	Customer	sacharan637@gmail.com			
18	c1	Cc1@12345	Customer	ct@gmail.com			
19	c2	Aedfghjkl23	Customer	sacharan637@gmail.com			
20	c4	Aedfghjkl234	Customer	sacharan637@gmail.com			
21	sai	Aedfghjkl23	Customer	sacharan637@gmail.com			
22	c3	Aedfghjkl23	Customer	c3@gmail.com			

registration 1 x

(5)Stores List:

customerfeedback customerorders product_details registration storelist

1 • SELECT * FROM groceryhub.storelist;

StoreID	StoreName	StoreAddress	StoreZip	StoreLatLang
1	Germak Fresh Market	19 South LaSalle Street, Chicago, IL	60653	41.853586, -87.628960
2	Nevele's	2146, 31st Street, Chicago, IL	60632	41.849457, -87.634973
3	Starlight Market	1-55 South, Chinatown, Chicago, IL	60651	41.862159, -87.650808
4	Pat Lee SuperMarket	A-204 North Ave, Chicago, IL	60634	41.821699, -87.618667
5	Park To Shop Market	Downtown, Chicago, IL	60634	41.882927, -87.626694

MongoDB:

The screenshot shows the MongoDB Compass application running on localhost:27017. The left sidebar displays the database structure: 2 DBS, 3 COLLECTIONS. The 'CustomerReviews' database is selected, showing the 'groceryhub' collection. The main panel displays the 'CustomerReviews.groceryhub' collection with 23 documents, a total size of 5.9KB, and an average size of 261B. The 'Documents' tab is active, showing a list of documents. The first document is:

```
{
  "_id": ObjectId("5fcb0d4fb298675644e23ac0"),
  "title": "groceryhub",
  "productName": "Banana",
  "userName": "ram",
  "category": "Fruits&Vegetables",
  "reviewRating": 5,
  "reviewDate": "04 December 2020",
  "reviewText": " good banana....!",
  "productPrice": 0.59,
  "storeZip": 60353,
  "image": "Banana.jpg"
}
```

The second document is:

```
{
  "_id": ObjectId("5fcb0d62b298675644e23ac4"),
  "title": "groceryhub",
  "productName": "broccoli",
  "userName": "ram",
  "category": "Fruits&Vegetables",
  "reviewRating": 4,
  "reviewDate": "04 December 2020",
  "reviewText": " good broccoli!",
  "productPrice": 2.89,
  "storeZip": 60353,
  "image": "broccoli.jpg"
}
```

The third document is:

```
{
  "_id": ObjectId("5fcb0d6cb298675644e23ac8"),
  "title": "groceryhub",
  "productName": "mango",
  "userName": "ram",
  "category": "Fruits&Vegetables"
}
```

Neo4j:

The screenshot shows the Neo4j Browser application running on localhost:7687. The left sidebar displays the 'Database Information' for the 'neo4j - default' database. The 'Node Labels' section shows the following labels: (70) Category, Customer, Order, delivery_type, product, zip_code. The 'Relationship Types' section shows the following types: (98) HAS_CATEGORY, HAS_DELIVERY_TYPE, HAS_DELIVERY_ZIPCODE, HAS_PRODUCT, ORDERED. The 'Property Keys' section shows the following keys: OrderId, Zip_Code, address, card_number, cat, category, creditno, delivery_type, deliverytype, email, expected_delivery_date, id. The main panel displays a graph visualization of the data. The graph shows nodes representing products (Banana, Broccoli, Mango, etc.) and relationships (HAS_CATEGORY, HAS_PRODUCT, ORDERED, etc.). The graph is titled 'neo4j\$ match(n) return n' and shows 70 nodes and 98 relationships. The graph is displayed in a circular layout. The bottom panel shows the Cypher query:

```
$ match (n) detach delete n; match (n) return n; LOAD CSV WITH HEADERS FROM "file:///GroceryHub.csv" AS line WITH line
```