

Team 19 Project Iteration 1 & 2

Course: CPS630 - Web Applications

Project: Iteration 1 & 2

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Miguel Nobre (500807779)	Shopping Cart, Database, homepage, maps
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Jason Zhu (500893695)	DB Maintain, About us, Contact us, technical report

Project Objective:

The objective of our project is to create a smart customer service (SCS) web application. Our web application is for an online shopping service primarily selling electronics. We included many features such as a signup/signin feature which stores user information, a drag and drop for placing items into the shopping cart, an invoice review of the shopping cart and a delivery route on google maps detailing the route used by our delivery drivers from one of our three branches to the user's address.

For this project we used HTML, CSS, PHP, and JavaScript as our chosen coding language and MySQL was chosen as our database to create our SCS web application. This project was maintained by our three team members via Github and tested locally using XAMPP.

The DB Maintain was made using the SQL commands SELECT, DELETE, INSERT, and UPDATE.

Code snippets:**Select:**

```
SELECT * from users WHERE user_id=$item
```

Insert:

```
INSERT INTO orders (trip_id, receipt_id, user_id, branch, date_issued, date_recieved, total_price) VALUES ('$trip_id', '$receipt_id', '$user_id', '$branch', '$date_issued', '$date_received', '$total_price')
```

delete:

```
DELETE from trip WHERE trip_id=$item
```

Update:

```
UPDATE $table SET $vari = '$itemNewItem' WHERE item_id=$itemOldItem
```

UI Design:

When the user first visits our website, the user will be prompted to sign in or sign up



Already have an account? Sign in here.

Log In Id:

Password:

[Log In](#)



First Time? Sign up here.

Log In Id:

Password:

Name:

Phone:

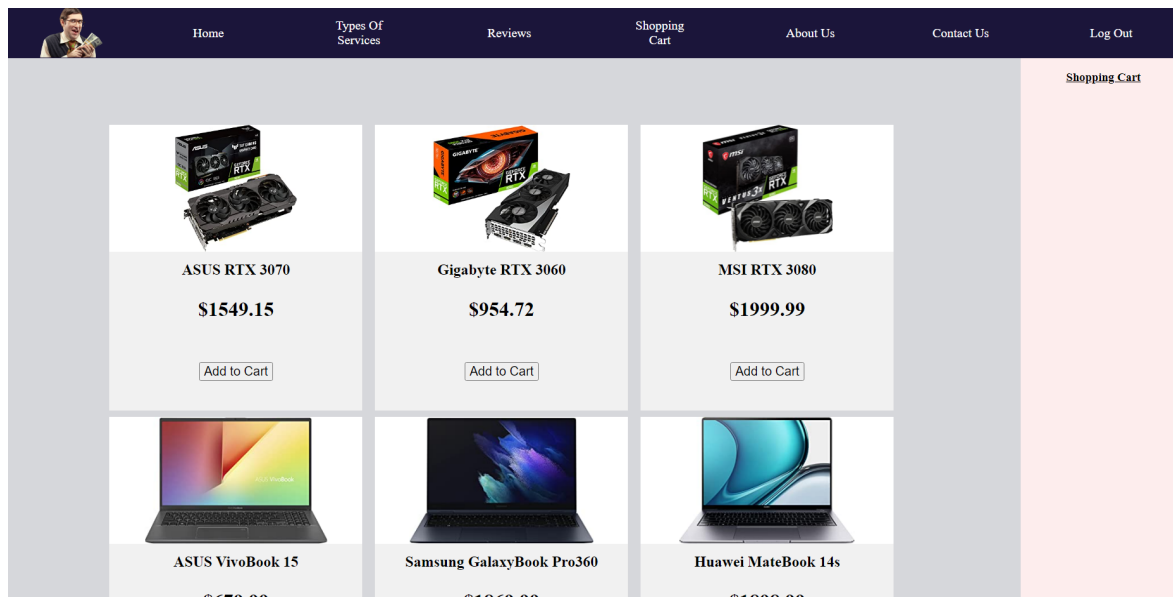
Email:

Address:

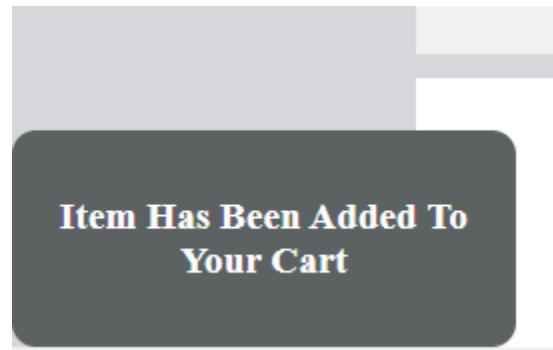
Balance:

[Sign Up](#)

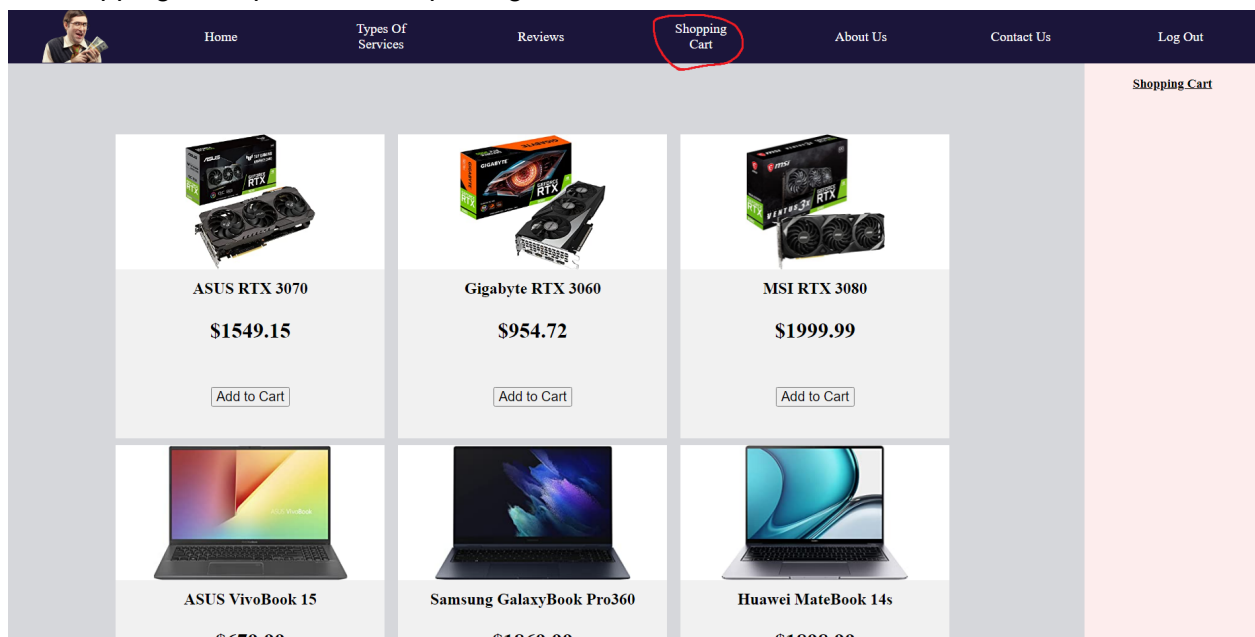
Once the user logs in, they will be presented with our homepage. Our homepage is where the user will be able to purchase items from our store.




All of our items on the homepage have a built-in drag and drop function where the user can drag the image of their desired product into the shopping cart section on the right side of the site to add that item into the shopping cart, otherwise the user can also use the “Add to Cart” button below each item. After adding an item to the shopping cart, a small notification will appear on the bottom left corner of the webpage.



Once the user has chosen all of their desired items, they can proceed to checkout by clicking the shopping cart option in the top navigation bar.



The user will be presented with this page to checkout.

[Home](#)[Types Of Services](#)[Reviews](#)[Shopping Cart](#)[About Us](#)[Contact Us](#)[Log Out](#)

Shopping Cart

Name	Price	Quantity
ASUS RTX 3070	1549.15	<input type="text" value="1"/>
ASUS VivoBook 15	679.99	<input type="text" value="1"/>
Air Pods Pro	278.32	<input type="text" value="1"/>
Gigabyte RTX 3060	2864.16	<input type="text" value="3"/>
Samsung GalaxyBook Pro360	5609.97	<input type="text" value="3"/>
Samsung Galaxy Buds	179.72	<input type="text" value="1"/>
MSI RTX 3080	9999.95	<input type="text" value="5"/>
Huawei MateBook 14s	1898.99	<input type="text" value="1"/>
SONY LinkBuds	249.99	<input type="text" value="1"/>
Final Price	23310.24	

Please select branch to ship from:


☒ York
☐ East York
☐ Etobicoke

Enter a date and time for your shipment:

[Proceed to checkout](#)

All items they have added into their cart will be presented on the left side, with the total price at the bottom of the list. Here they may also change the quantity of each item in their cart. On the right side the user may choose which store branch they would like to to receive their item from, as well as enter the date and time for their shipment. Once done, they may click the “Proceed to Checkout” button.

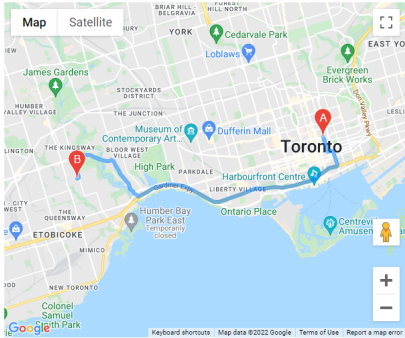
After checking out, the user will be redirected to their invoice summary.

[Home](#)[Types Of Services](#)[Reviews](#)[Shopping Cart](#)[About Us](#)[Contact Us](#)[Log Out](#)

Invoice

[Place Your Order](#)

Name	Price	Quantity
ASUS RTX 3070	1549.15	1
ASUS VivoBook 15	679.99	1
Air Pods Pro	278.32	1
Gigabyte RTX 3060	954.72	3
Samsung GalaxyBook Pro360	1869.99	3
Samsung Galaxy Buds	179.72	1
MSI RTX 3080	1999.99	5
Huawei MateBook 14s	1898.99	1
SONY LinkBuds	249.99	1
Final Price	23310.24	



Distance from branch to your location is 14.762km

Here the user may review their invoice and the Google maps route from their chosen branch to their address. To finalize their order, the user must press the “Place Your Order” button at the top of the invoice.

After pressing the button, the user will be redirected to the payment page.



Enter your Payment Info

Credit Card Number:

CVC:

The user must enter their payment information and once they submit that information correctly, they will be greeted with a successful order page.



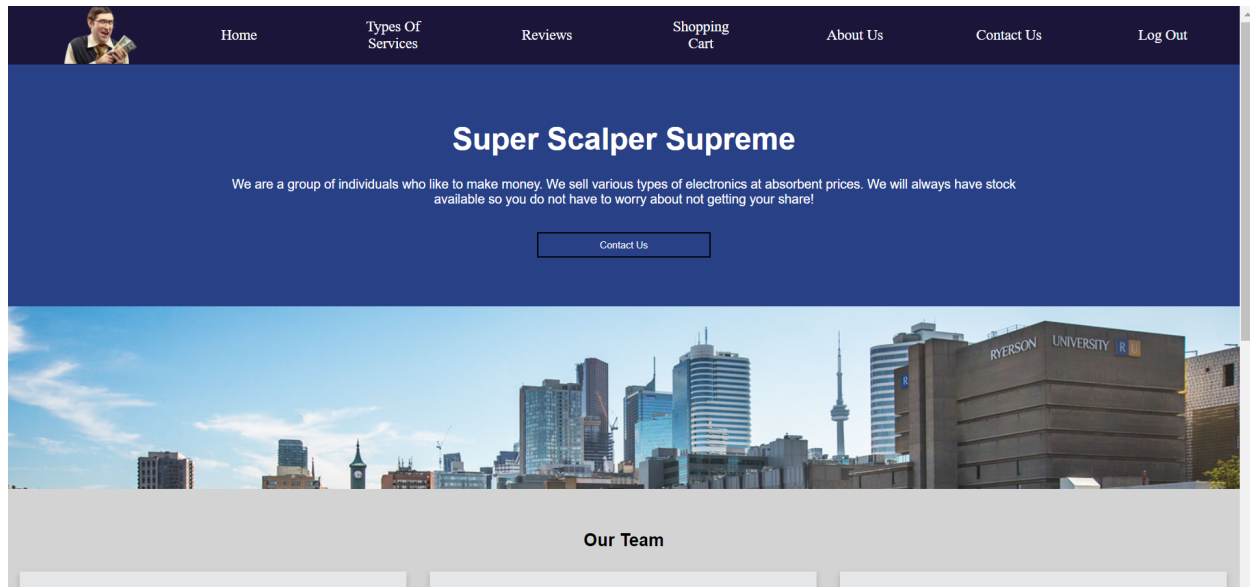
Thank you for shopping with us!

Your order has been placed

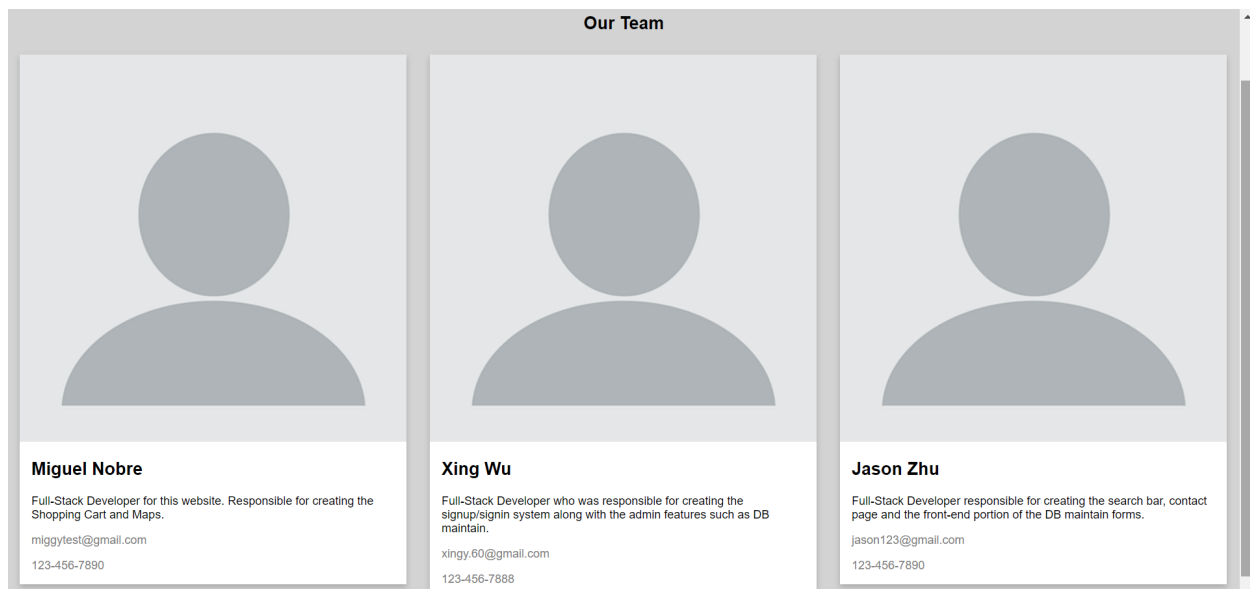
Your order# is: 1000

The user may now navigate back to the homepage by clicking the “Home” button or our company logo on the left side of the navigation bar. The user may also navigate to any other page such as the “About Us” page or the “Contact Us”

About us:



Contact us:

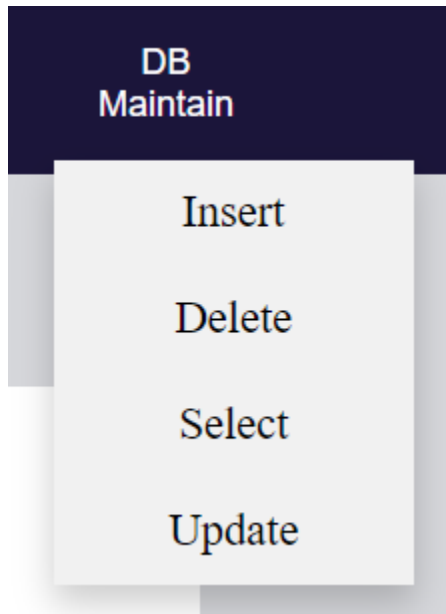


Admins will have access to the “DB Maintain” button in the header

NOTE: Create Admin account with the login ID: admin and password: admin



Hovering over it will bring out a dropdown menu to select the different options of the maintain mode.



These buttons will bring the admin to a different page where they can edit the database.

Insert Records

Which table would you like to insert into?

orders ▼

Enter Order ID:

Enter Trip ID:

Enter date issued:

Enter date received:

Enter total price:

Enter user ID:

Enter receipt ID:

Enter Branch:

Submit

Select Records

Select Table to Search From:

Orders ▼

Type in the id to Search From Table:

Submit

Delete Records

ID of record you want to delete:

Select Table to delete from: Orders ▼

Submit

Update Records

Which table would you like to Update?

orders ▼

Choose type: Date Issued ▼

Enter Order ID:

Enter replacement:

Submit

Database:

Our Tables:

Items:

fields:

- item_id (**Primary key**)
- cart_id
- name
- price
- quantity

item_id	name	price	quantity
0	ASUS RTX 3070	1549.15	1
1	ASUS VivoBook 15	679.99	1
2	Air Pods Pro	278.32	1
7	Gigabyte RTX 3060	954.72	4
8	Samsung GalaxyBook Pro360	1869.99	3
9	Samsung Galaxy Buds	179.72	1
14	MSI RTX 3080	1999.99	5
15	Huawei MateBook 14s	1898.99	1
16	SONY LinkBuds	249.99	1

Orders:

fields:

- order_id (**Primary key**)
- trip_id (**Foreign key**)
- receipt_id (**Foreign key**)
- user_id (**Foreign key**)
- branch
- date_issued
- date_recieved
- total_price

	order_id	trip_id	receipt_id	user_id	branch	date_issued	date_recieved	total_price
<input type="checkbox"/> Edit Copy Delete	1	1	1	6	CF Sherway Gardens, The West Mall, Etobicoke, ON	2022-03-01 09:00:00	0000-00-00 00:00:00	23310.2
<input type="checkbox"/> Edit Copy Delete	3	1	1	6	Ryerson University, Victoria Street, Toronto, ON	2022-03-01 09:00:00	0000-00-00 00:00:00	23310.2
<input type="checkbox"/> Edit Copy Delete	4	1	1	6	Ryerson University, Victoria Street, Toronto, ON	2022-03-01 09:00:00	0000-00-00 00:00:00	23310.2

Payment:

fields:

- user_id
- cc_num
- cvv

user_id	cc_num	cvv
2	932564325	554

Stock:

fields:

- stock_id (**Primary key**)
- name
- price
- quantity

stock_id	name	price	quantity
0	ASUS RTX 3070	1549.15	1
1	ASUS VivoBook 15	679.99	1
2	Air Pods Pro	278.32	1
3	iPhone 11 Pro Max	749.99	1
4	Nintendo Switch	379.96	1
5	ASUS ProArt 27inch	497.95	1
6	AMD Ryzen 5 5600x	299.99	1
7	Gigabyte RTX 3060	954.72	1
8	Samsung GalaxyBook Pro360	1869.99	1
9	Samsung Galaxy Buds	179.72	1
10	Galaxy S22	1099.99	1
11	Xbox One	379.96	1

Trip:

fields:










- trip_id (**Primary key**)
- truck_id (**Foreign key**)
- distance
- branch
- destination

	trip_id	truck_id	distance	branch	destination
<input type="checkbox"/> Edit Copy Delete	13	0	14.762	Ryerson University, Victoria Street, Toronto, ON	290 Bremner Blvd, Toronto, ON M5V 3L9, Canada
<input type="checkbox"/> Edit Copy Delete	14	0	24.921	Michael Garron Hospital, Coxwell Avenue, Toronto, ...	290 Bremner Blvd, Toronto, ON M5V 3L9, Canada
<input type="checkbox"/> Edit Copy Delete	15	0	9.584	CF Sherway Gardens, The West Mall, Etobicoke, ON	290 Bremner Blvd, Toronto, ON M5V 3L9, Canada

Truck:

fields:

- truck_id (**Primary key**)
- truck_code
- available

				truck_id	truck_code	available
<input type="checkbox"/>	 Edit	 Copy	 Delete	1	100	no
<input type="checkbox"/>	 Edit	 Copy	 Delete	2	101	yes
<input type="checkbox"/>	 Edit	 Copy	 Delete	3	102	no

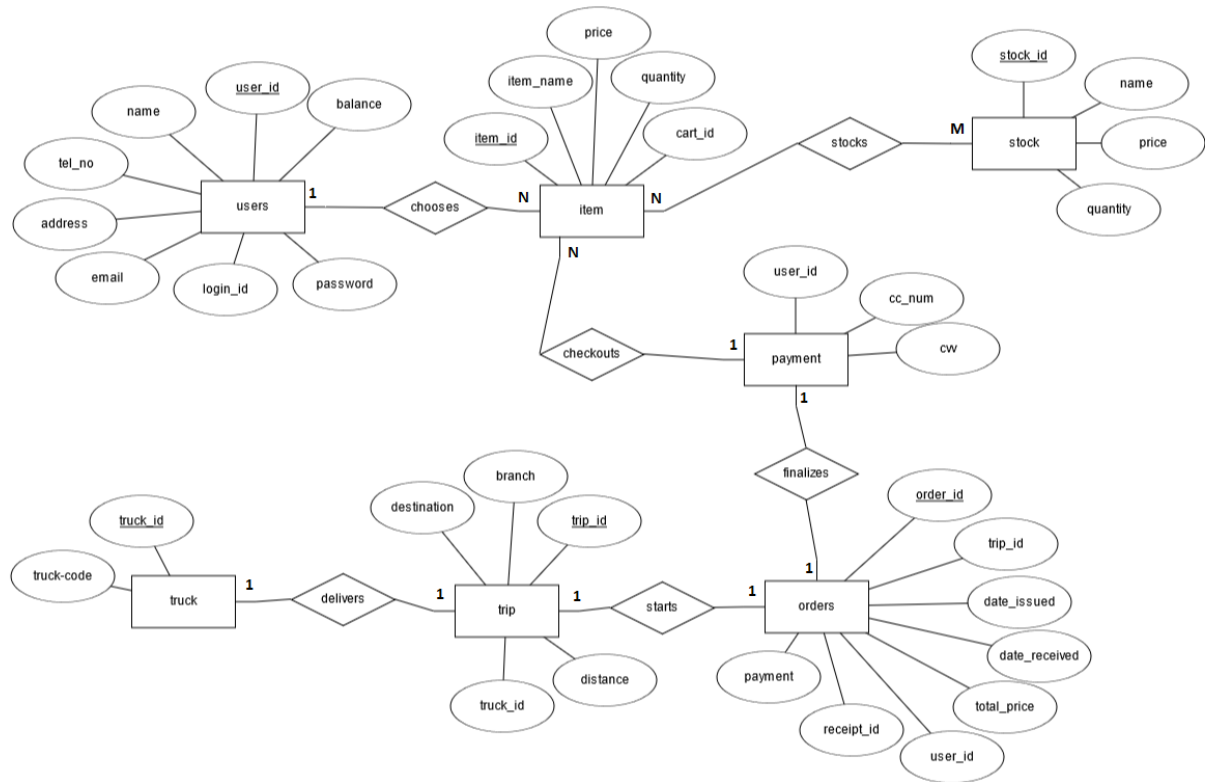
Users:

fields:

- user_id (**Primary key**)
- name
- tel_no
- email
- address
- login_id
- password
- balance

			user_id	name	tel_no	email	address	login_id	password	balance	
<input type="checkbox"/>	 Edit	 Copy	 Delete	1	Albert	2147483647	albert@gmail.com	8 Sunnylea Ave W, Etobicoke, ON M8Y 2J7	1	pass	0
<input type="checkbox"/>	 Edit	 Copy	 Delete	2	miguel	498474684	afadf@gmail.com	sdfsdf sdf	MiggySmallz	pass	5
<input type="checkbox"/>	 Edit	 Copy	 Delete	3	sfbbsf	0	sdvvsd	sdvsdv	sdgsdfg	sfgsgf	0

Schema ER diagram:



Class Diagram:

