

# Phonery

**Project Group Number (in Blackboard): Group (2)**

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Tasks	Who worked on it	Implemented or not
<b>Task1: Database design</b>	Hawra Maryam Jamal	√
<b>Task 2: Web Design</b>	All	√
<b>Task 3: Display Products.</b>	Maryam Noori	√
<b>Task 4: Display Product Details</b>	Siham Maryam Noori	√
<b>Task 5: Add to Cart</b>	Siham Mohammed	√
<b>Task 6: Checkout</b>	Hawra	√
<b>Task 7: Buy</b>	Hawra	√
<b>Task 8: Authenticate Managers</b>	Amjaad Fedaa	√
<b>Task 9: Add New Product</b>	Fedaa	√
<b>Task 10: Search for a product to modify or delete.</b>	Jumana	√
<b>Task11: Display address and location map</b>	Hawra	√
<b>Task12: Past purchases</b>	Amjaad	Only one cookie is displayed
<b>Task13: Forms Validation</b>	Fedaa	√
<b>Task 14: Help window</b>	Maryam Noori Siham	√
<b>Task 15: Accessibility</b>	All	√
<b>Task16: Efficiency</b>	All	√
<b>Task 17: Documentation</b>	Maryam Jamal	√

Table 1: Tasks Allocation



## Introduction

This website had been developed as a project for Web-Based Systems\_CIS423 course, a group of 7 students. Phonery is a web-based system represents simple online shopping website, we applied HTML, PHP, CSS, and JavaScript.

Phonery is an online shopping website that provides a variety of high-quality phone covers and tech accessorize. Through the website we also sell phone accessorize such as charging cables and wires, wireless charging pads, earphone cases, smartwatch bands, tablet folios and much more.



## Database Design

UserID	UserName	Password
1	Siham	123
2	Maryam	123
3	Fedaa	123

Table 2: User Table in Phonery Database

Id	Name	Code	Price	Image	Quantity	Description
1	Red Ruby	Ruby101	\$19.99	Imgs/Red_Ruby.jpg	15	Our unique marble collection combines modern style with a touch of luxury. Add some edginess to your image with this case and let it take care of your device's protection.
2	Gold Storm	Golden101	\$23.99	Imgs/goldenstorm.jpg	10	
3	Frozen Lake	Frozen101	\$25.99	Imgs/Frozen_Lake.jpg	5	

Table 3: Product table in Phonery Database



## Database ER

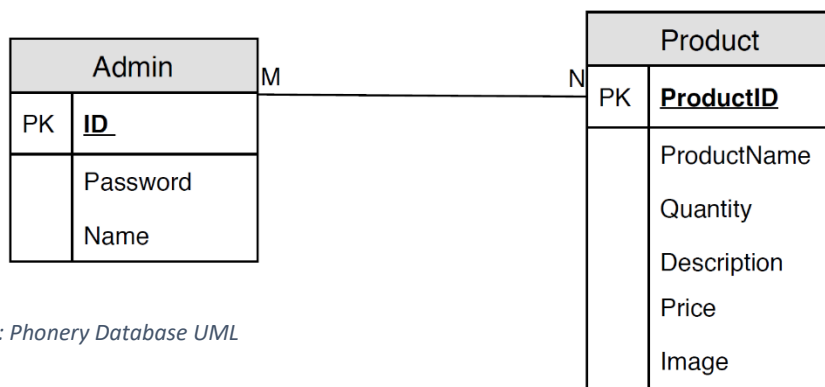


Figure 1: Phonery Database UML

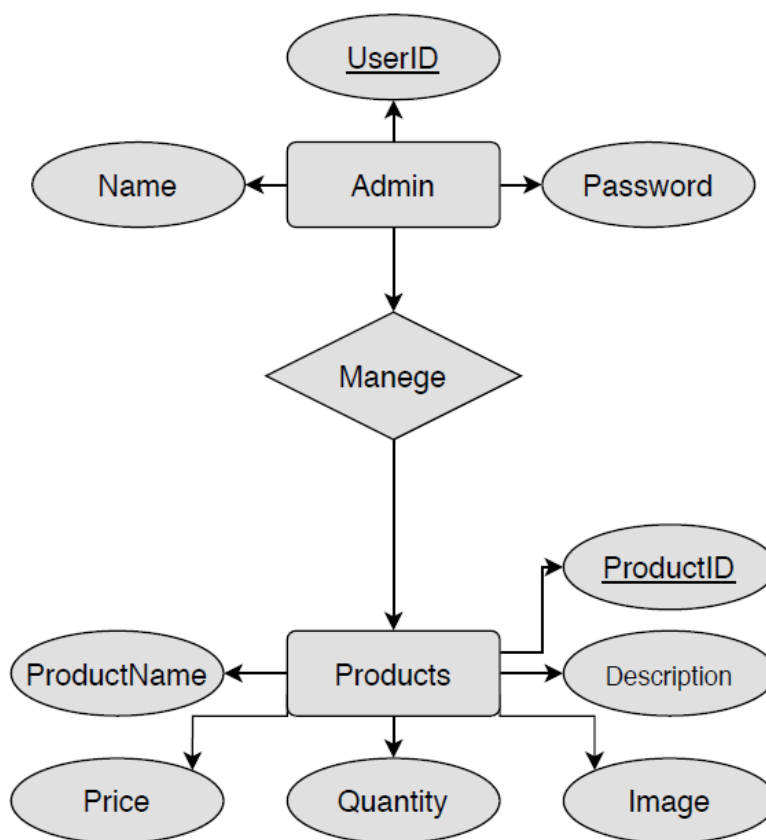


Figure 2: Phonery Database ER



## Web interfaces

### Web Design

1. Home or main page that can also include Info. About the website.

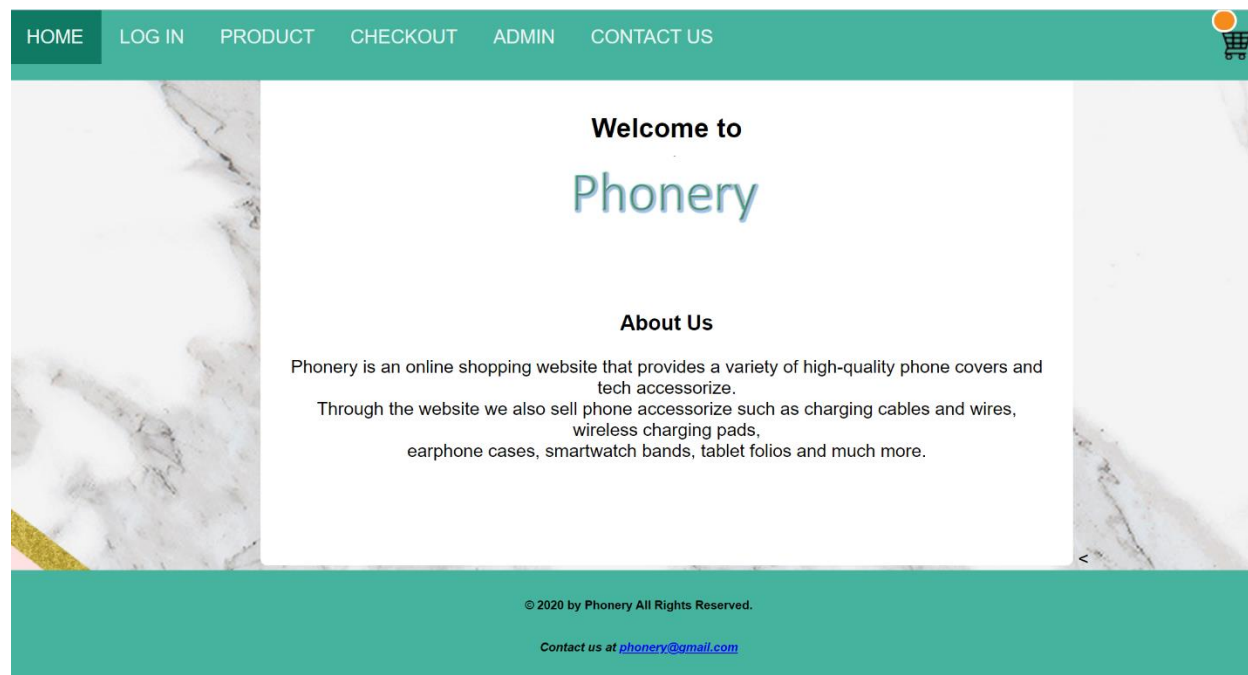


Figure 3: Home or main page that can also include Info. About the website

2. Login Page.

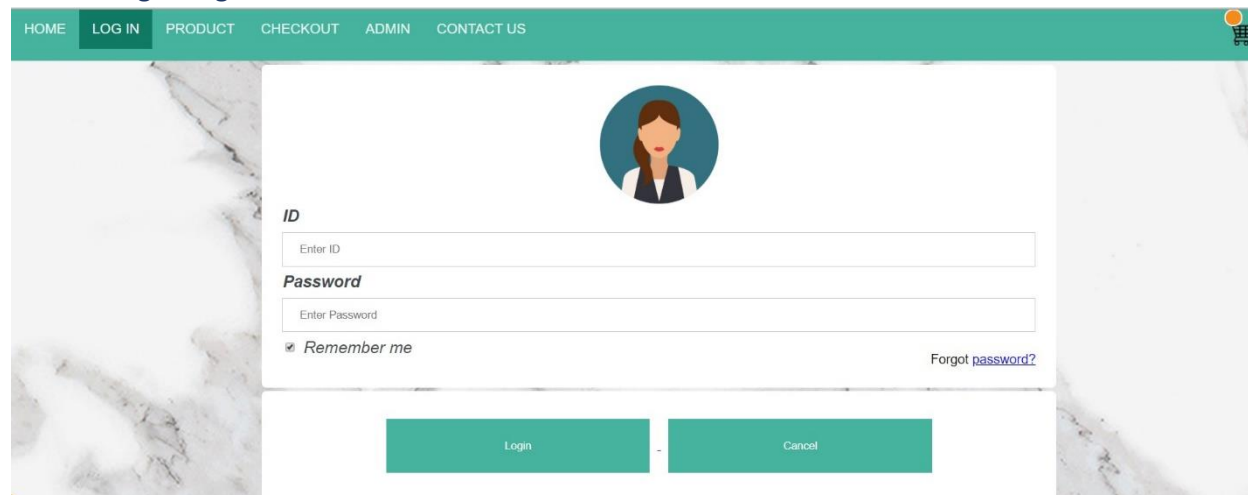


Figure 4: Login Page





### 3. Products page.

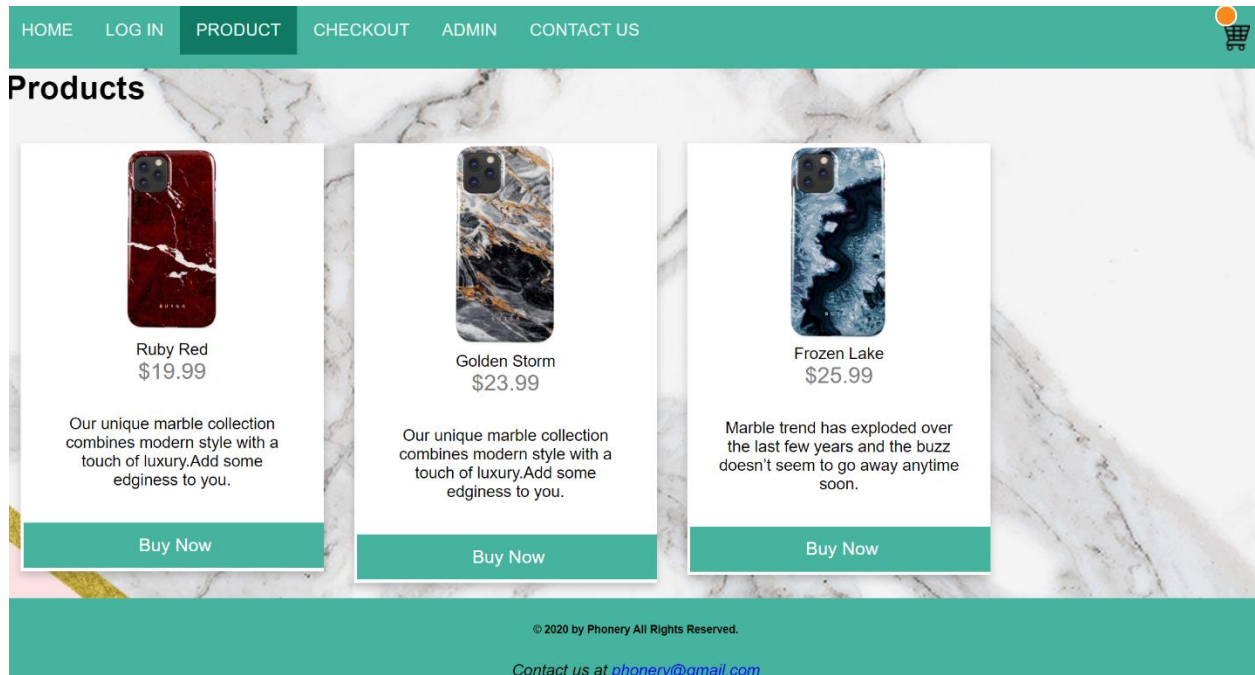


Figure 5: Product Page

### 4. Checkout page

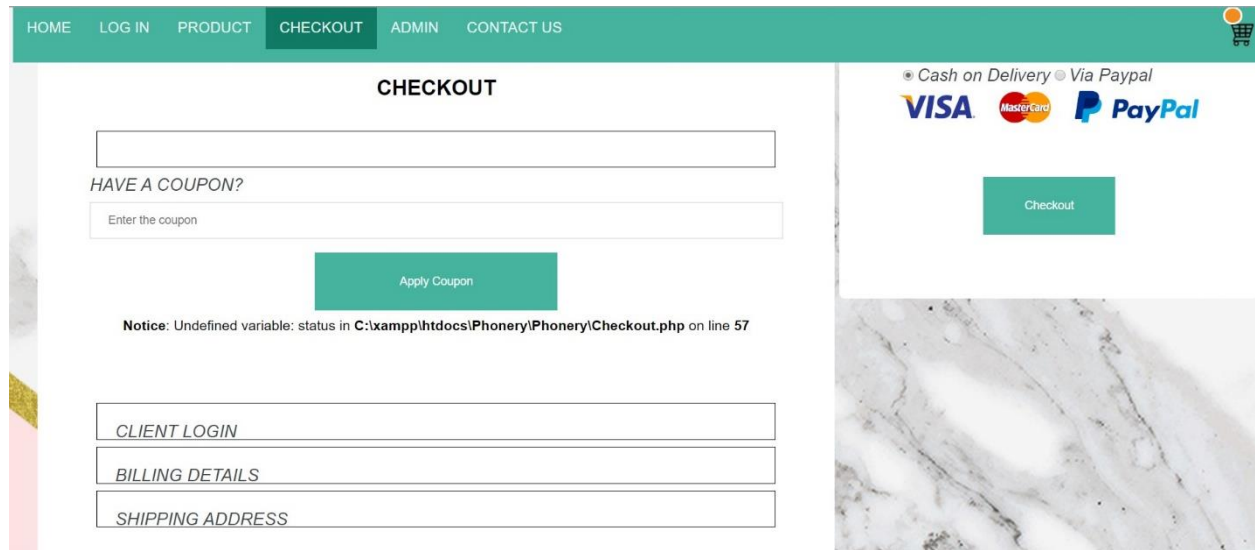


Figure 6: Checkout Page



## 5. Administrator authentication page

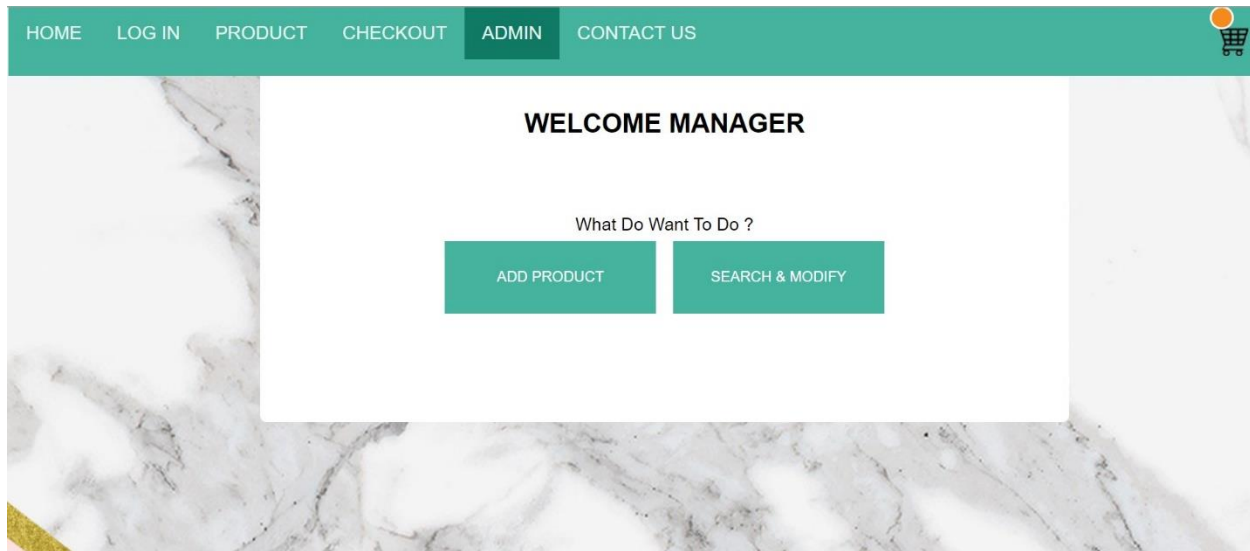


Figure 7: Admin Page

## 6. Managing products (cart) page.

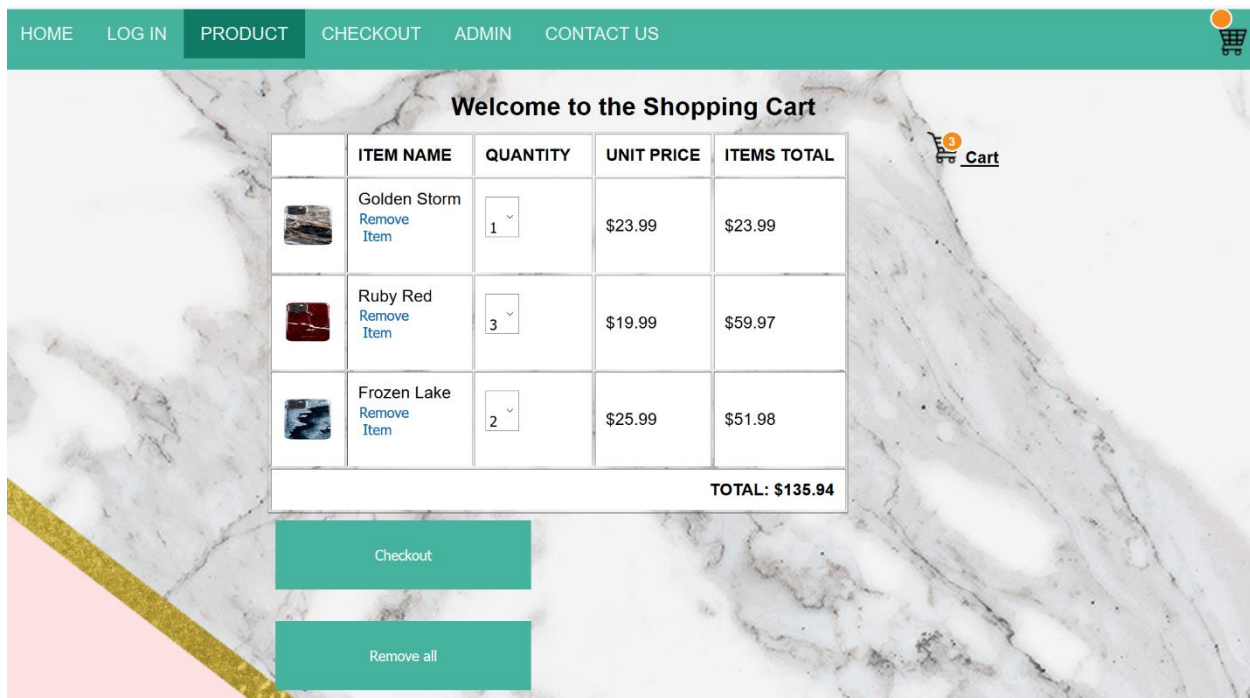


Figure 8: Cart



## 7. Contact us page.

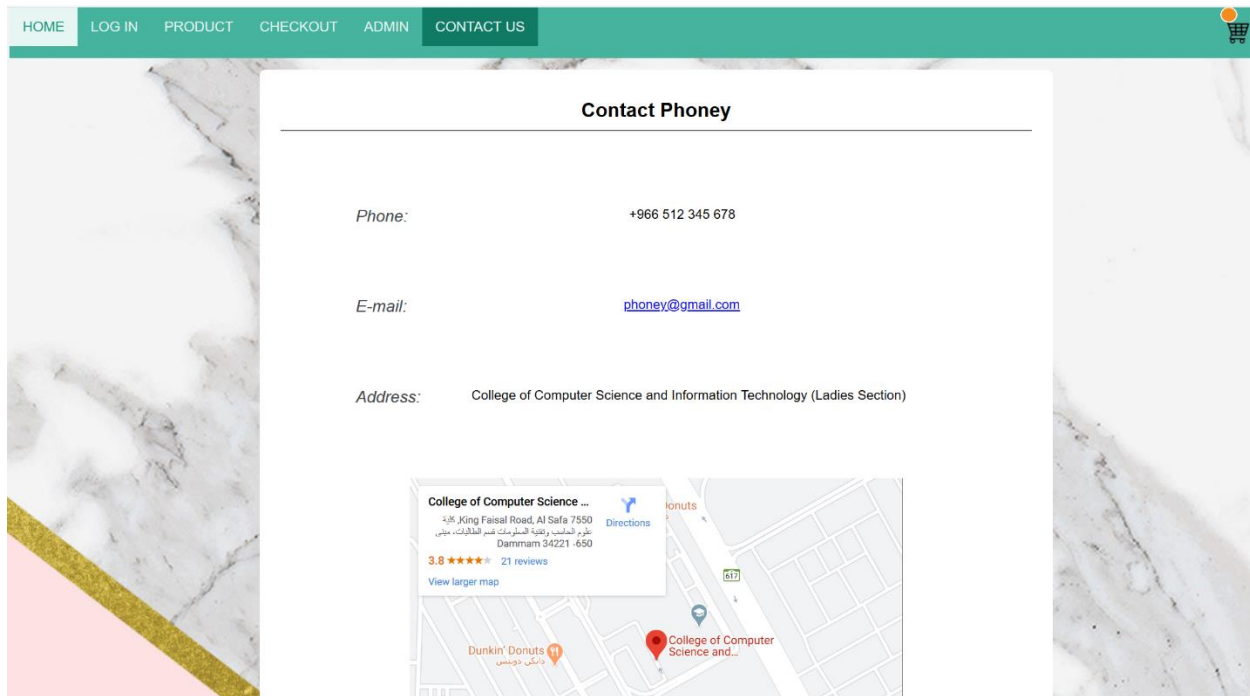
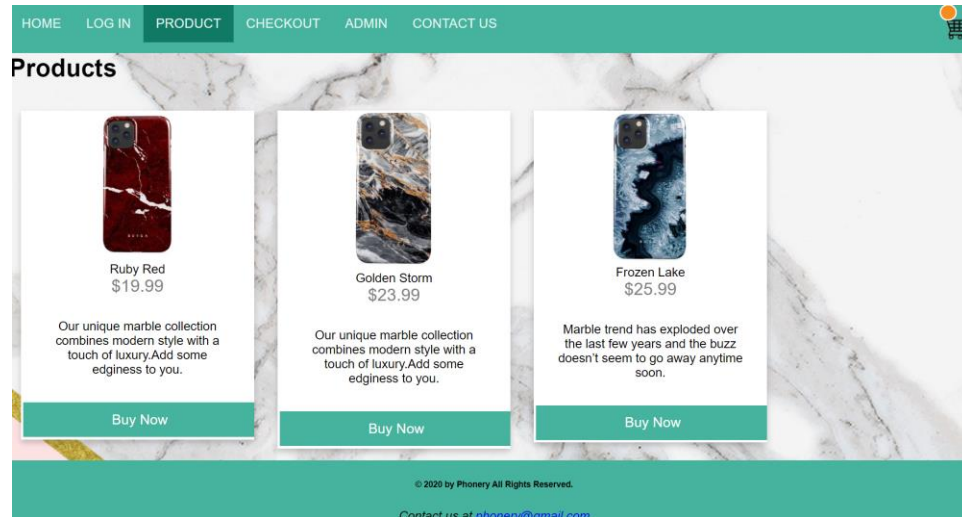


Figure 9: Contact Us Page



## Fulfilled requirement

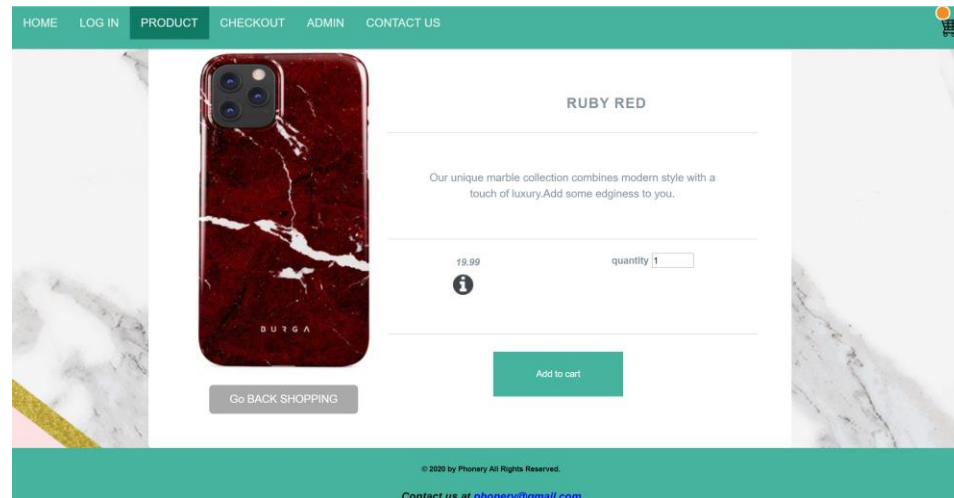
### Display Products.



Clicking on menu choosing 'PRODUCT' displays all available products in database.

Figure 10: Display Products - Product Page

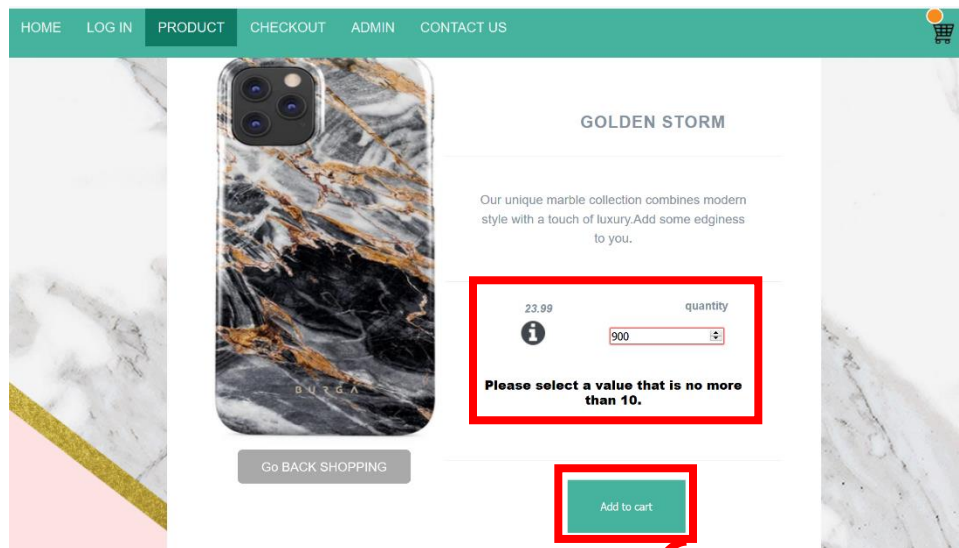
### Display Product Details



Clicking on any item on products page drive you direct to more details about the product you choose.

Details includes image, brief description, price, quantity and more.

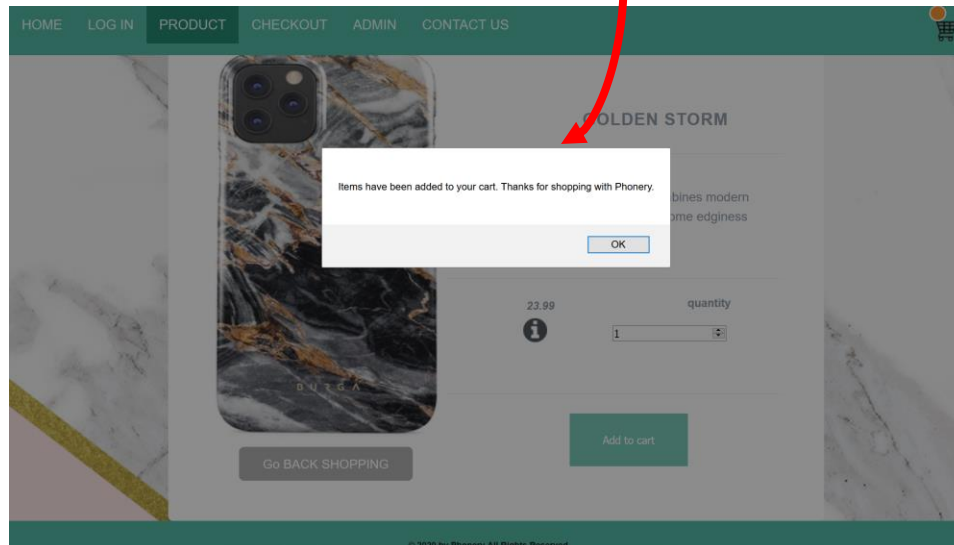
Figure 11: Display Product Details



If quantity user chose is more than available system warns him.

Figure 12: Check Quantity

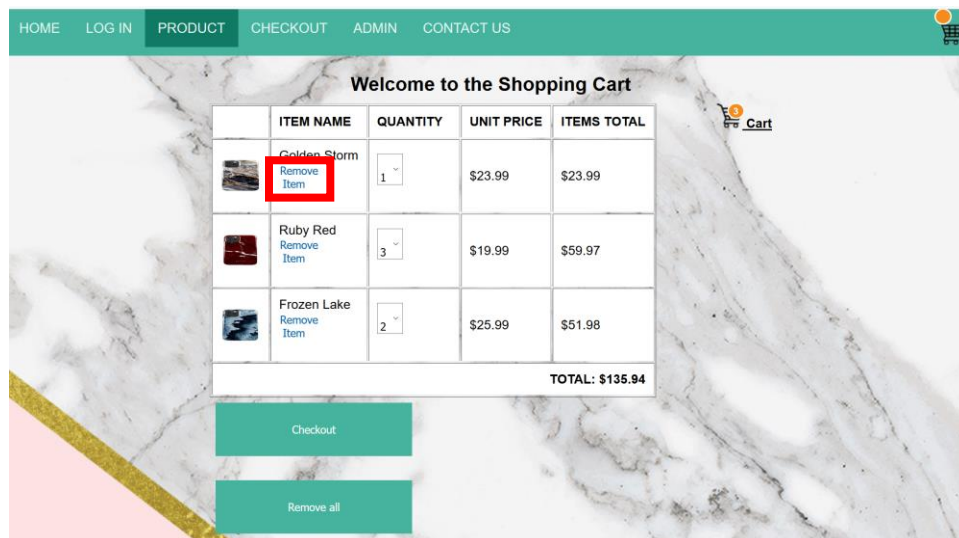
## Add, Delete to Cart, check out and Buy



When user adds item to cart.

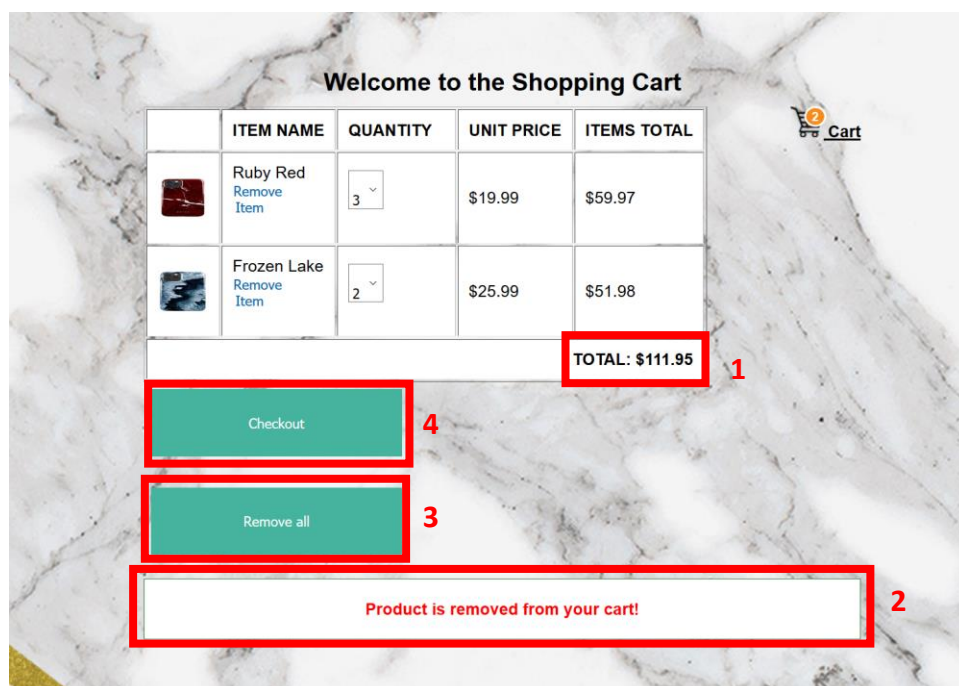
Figure 13: Item just been added to Cart (pop-up window)





Clicking 'remove item' hyper link.

Figure 14: Shopping Cart



- 1- Total price had been modified.
- 2- Confirmation message.

Figure 15: Deleting an item from the cart

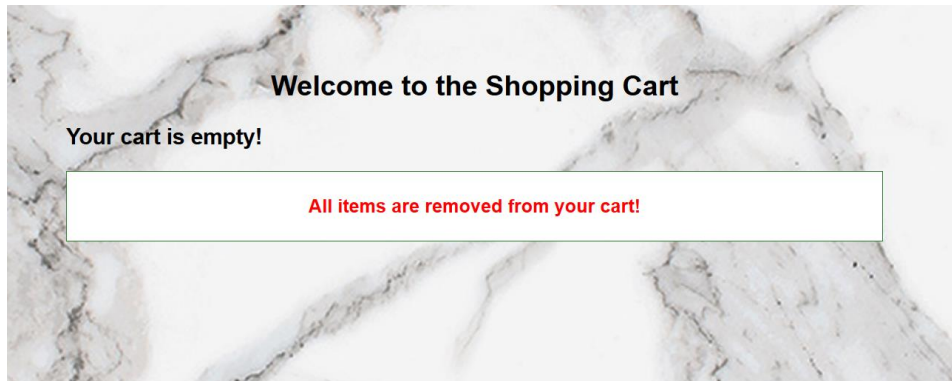


Figure 16: Empty Cart

3- Remove all

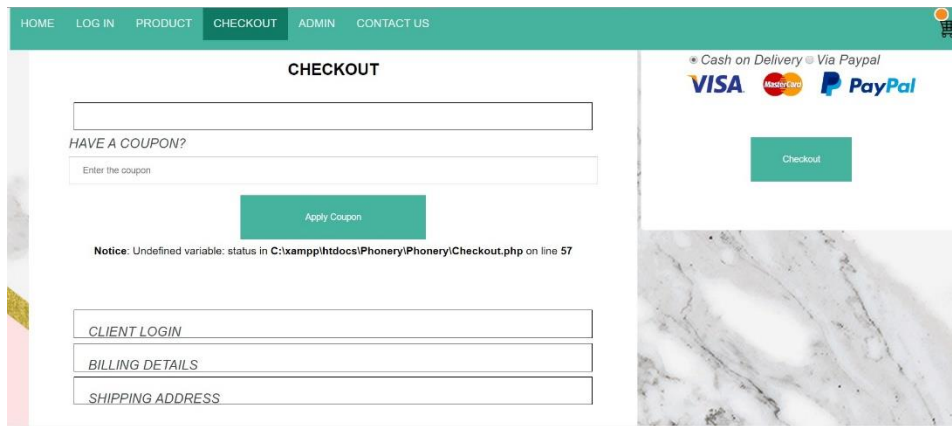


Figure 17: Checkout Page

4- Checkout to pay  
and – applying  
discount coupons.

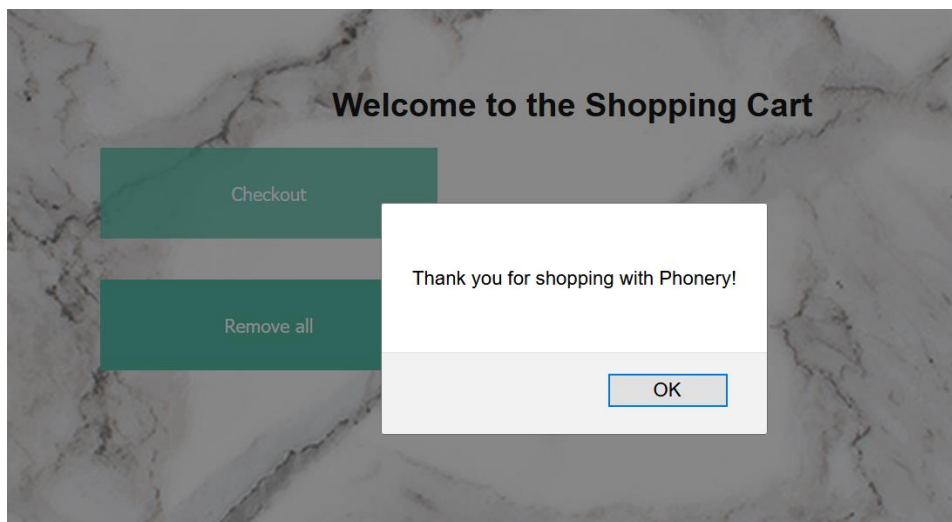


Figure 16: pop-up Window



Authenticate Managers - Add New Product, Search for a product to modify or delete

The screenshot shows the login page of the system. At the top, there is a navigation bar with links: HOME, LOG IN, PRODUCT, CHECKOUT, ADMIN, and CONTACT US. The main content area features a login form with a user icon, an ID input field, a Password input field, a 'Remember me' checkbox, and a 'Forgot password?' link. At the bottom of the form are 'Login' and 'Cancel' buttons.

Figure 17: Login Page

The screenshot shows the admin page after successful login. The navigation bar now includes 'ADMIN'. The main content area displays 'WELCOME MANAGER' and a prompt 'What Do You Want To Do?'. Two buttons are highlighted with red boxes and numbered: '1' for 'ADD PRODUCT' and '2' for 'SEARCH & MODIFY'.

Figure 18: Admin Page

The screenshot shows the 'MANAGER ADD PRODUCT' page. It contains a form with the following fields: Name, Price, ID, Quantity, and Description. Below the form are two buttons: 'Choose File' and 'ADD PRODUCT'. A message 'No file chosen' is displayed next to the 'Choose File' button.

1. Adding new product.

Figure 19: Add new product





2. Search for a product to modify or delete.

Figure 20: search and modify an existed product

## Display address and location map

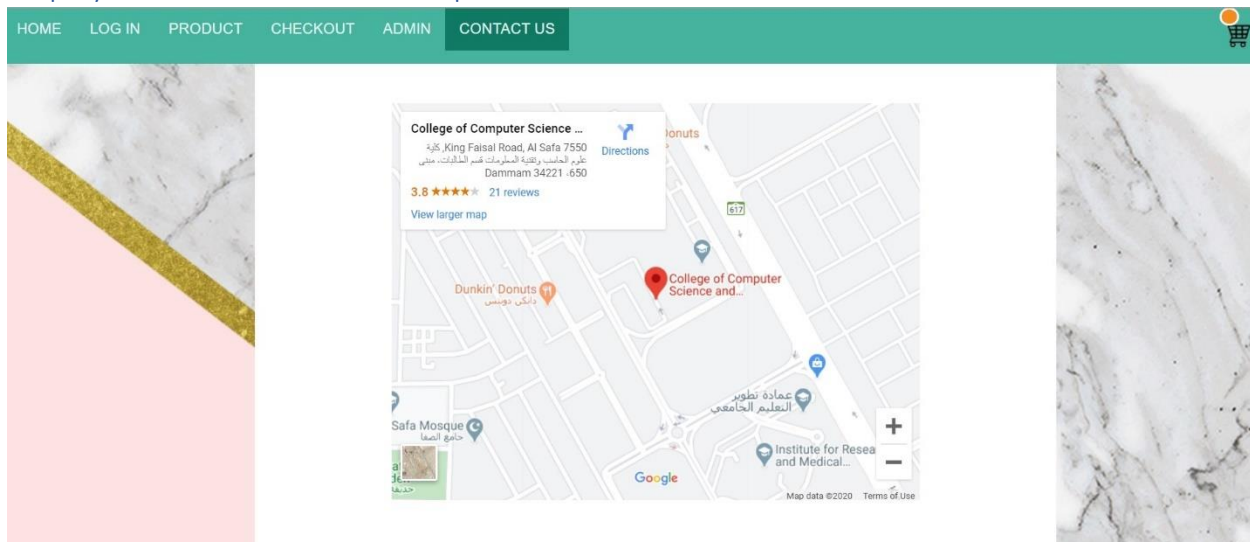


Figure 21: location map from contact us page



## Forms Validation

The screenshot shows a web form titled "Please fill following information" with fields for ID, Name, Price, Description, code, and quantity. A red box highlights a pop-up warning message that says "localhost says All fields must be filled out" with an "OK" button. Below the form, there are two buttons: "Choose File" (with "No file chosen" text) and "continue".

Pop-up warning message.

In case some fields are not filled with appropriate data.

Figure 22: Form validation 1

The screenshot shows a web form titled "MANAGER ADD PRODUCT" with fields for ID, Name, Price, Description, code, and quantity. The "Name" field contains "goldenccoral" and has a validation error message that says "Please match the requested format". Below the form, there are two buttons: "Choose File" (with "No file chosen" text) and "continue".

Figure 23: Form validation 2



## Help (Pop-Up) window

Include a pop-up help windows include suitable messages in the product details page.

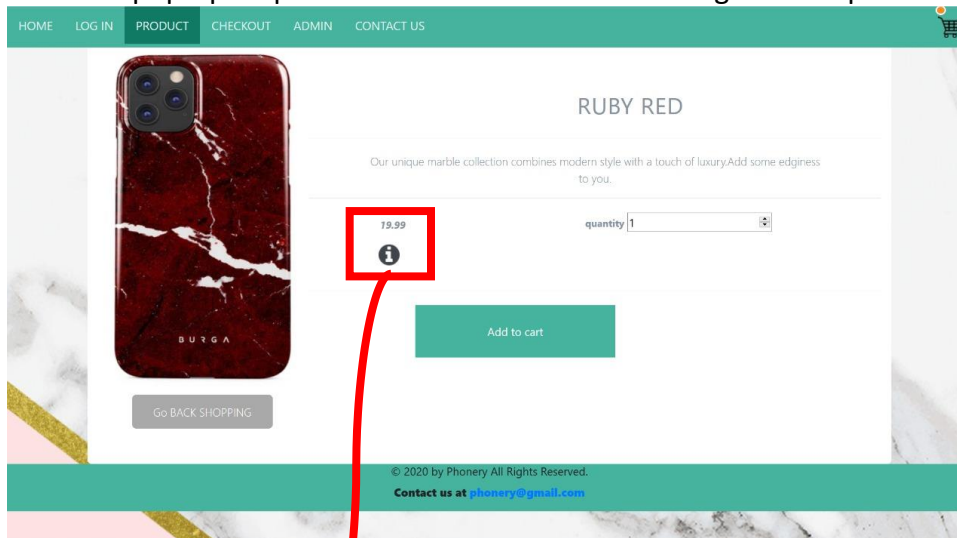
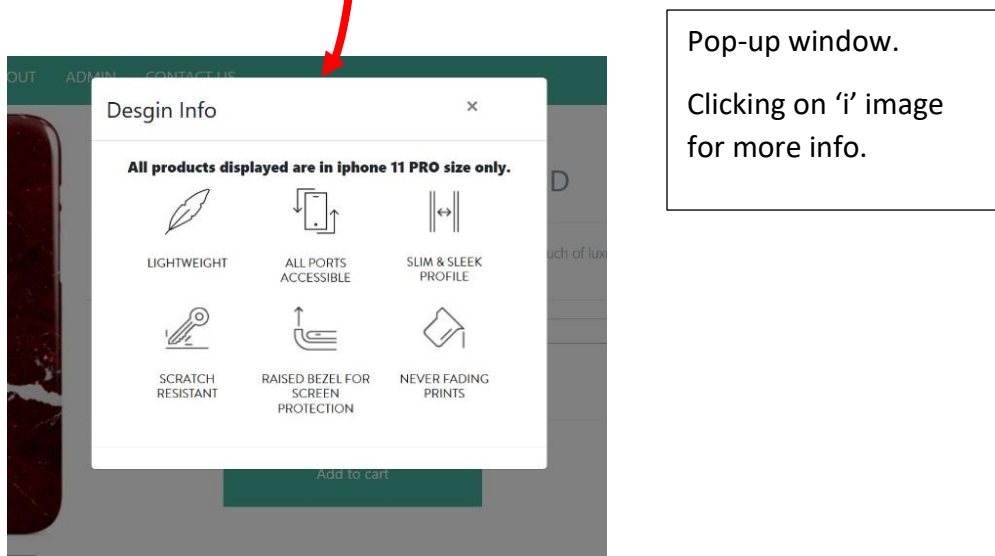


Figure 24: help - more info.



Pop-up window.

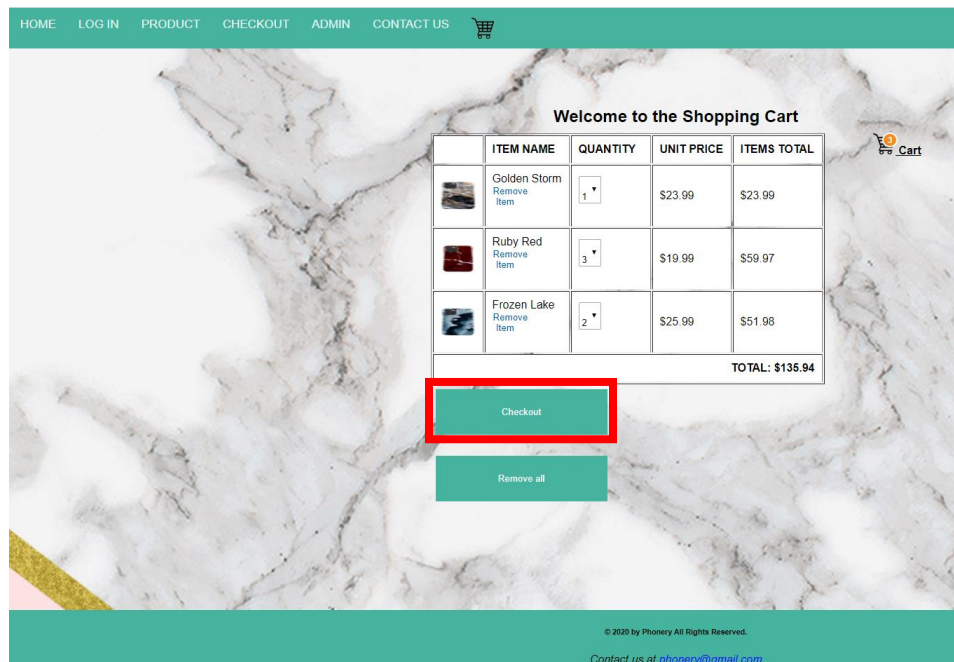
Clicking on 'i' image  
for more info.

Figure 25: help window



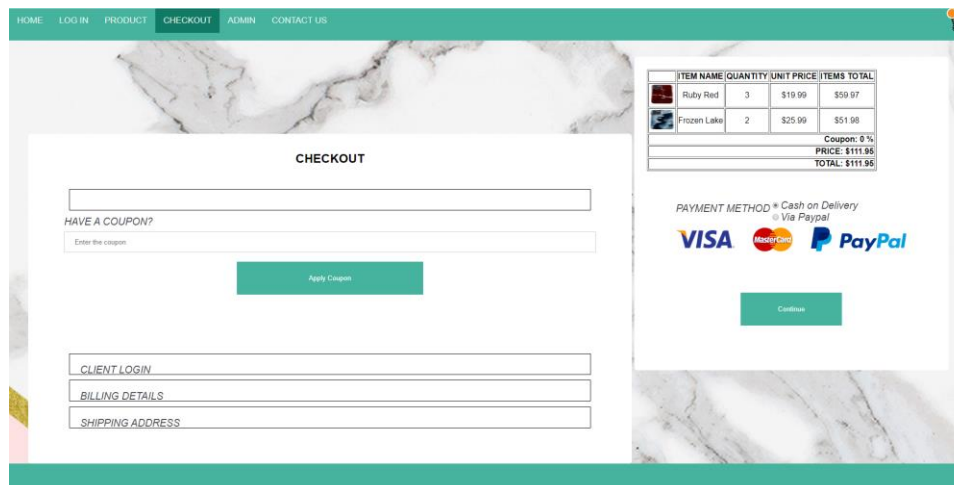
## Testing cases

### Test case 1: Buy Products



After adding items, we tend to buy, we open our cart and check the order.

Figure 26: show the shopping contents



Checkout page show us a summary of our order and calculate the total price.

Figure 27: show checkout page



The screenshot shows the checkout page with a coupon application form highlighted by a red rectangle. The form includes a text input field for the coupon code and an 'Apply Coupon' button. To the right, a summary table shows the items and their prices, and a payment method section with logos for Visa, MasterCard, and PayPal.

ITEM NAME	QUANTITY	UNIT PRICE	ITEMS TOTAL
Ruby Red	3	\$19.99	\$59.97
Frozen Lake	2	\$25.99	\$51.98
Coupon: 10 %			
PRICE: \$111.95			
TOTAL: \$100.756			

Total price change  
after applying a  
discount coupon.

Figure 28: after entering a coupon

+ Options

	id	name	code	price	image	quantity	descreption
<input type="checkbox"/>	1	Ruby Red	Ruby101	19.99	imgs/Red_Ruby.png	20	Our unique marble collection combines modern style...
<input type="checkbox"/>	2	Golden Storm	Golden101	23.99	imgs/goldstorm.png	15	Our unique marble collection combines modern style...
<input type="checkbox"/>	3	Frozen Lake	Frozen101	25.99	imgs/Frozen_Lake.png	5	Marble trend has exploded over the last few years ...

Query results operations

Figure 29: the DB before the checkout

The screenshot shows the checkout page after clicking the 'Continue' button. It displays the order summary with the following details:

Product Name	Quantity	Price
Ruby Red	3	59.97\$
Frozen Lake	2	51.98\$
Total price = 111.95\$		

Figure 30: After click on continue button

+ Options

	id	name	code	price	image	quantity	descreption
<input type="checkbox"/>	1	Ruby Red	Ruby101	19.99	imgs/Red_Ruby.png	17	Our unique marble collection combines modern style...
<input type="checkbox"/>	2	Golden Storm	Golden101	23.99	imgs/goldstorm.png	15	Our unique marble collection combines modern style...
<input type="checkbox"/>	3	Frozen Lake	Frozen101	25.99	imgs/Frozen_Lake.png	3	Marble trend has exploded over the last few years ...

Query results operations

Available quantities  
changed in database.

Figure 31: the DB after the checkout



Clear everything.

Figure 32: checkout page after checking out

Thank you, message,

Figure 33: cart page after checking out





## Test Case 2: Admin Authorities

Search, modify and delete a product

Figure 34: Search product with id = 3

Server: 127.0.0.1 • Database: grocery • Table: products

Showing rows 0 - 3 (4 total. Query took 0.0006 seconds.)

SELECT \* FROM "products"

Options: Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

	id	name	code	price	image	quantity	description
	2	Golden Storm	Golden1011	23.88	imgs/goldstorm.png	22	Our unique marble collection combines modern style...
	3	Frozen Lake	Frozen101	25.99	imgs/Frozen_Lake.png	40	Marble brand has exploded over the last few years...
	5	Garden Coral	coral100	26.75	imgs/GOLDEN_CORAL.PNG	30	Cover for phone 11 pro
	6	Golden Storm	Golden101	30.00	goldstorm.PNG	20	Our unique marble collection combines modern style...

Options: Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Figure 35: DB before delete



MANAGER MODIFY PRODUCT

Please enter the product ID to search it

ID:

SEARCH PRODUCT

Name:

Code:

Price:

Quantity:

Description:

Product Image:

DELETE PRODUCT

Figure 37: Selecting ID for to be deleted item

Server: 127.0.0.1 - Database: phoentry - Table: products

Showing rows 0 - 2 (3 total, Query took 0.0006 seconds.)

SELECT \* FROM "products"

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

		id	name	code	price	image	quantity	descreption
<input type="checkbox"/>	Edit Copy Delete	2	Golden Stormm	Golden1011	23.88	imgs/goldstorm.png	22	Our unique marble collection combines
<input type="checkbox"/>	Edit Copy Delete	3	Frozen Lake	Frozen101	25.99	imgs/Frozen_Lake.png	40	Marble trend has exploded over the las
<input type="checkbox"/>	Edit Copy Delete	5	Garden Coral	coral100	26.75	imgs/GOLDEN_CORAL.PNG	30	Cover for iphone 11 pro

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Item is not there anymore.

Figure 36: DB After deleting item with id=6





Looking for an item by its ID.

Figure 38: Displayed Product's Info before editing

Edit any info.

Figure 39: Editing the product's information

It changes in database as well.

Figure 40: Display of DB after modification



## Add new product

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Options

	id	name	code	price	image	quantity	descreption
<input type="checkbox"/> Edit Copy Delete	1	Ruby Red	Ruby101	19.99	imgs/Red_Ruby.png	19	Our unique marble collection combines modern style...
<input type="checkbox"/> Edit Copy Delete	2	Golden Storm	Golden101	23.99	imgs/goldstorm.png	15	Our unique marble collection combines modern style...
<input type="checkbox"/> Edit Copy Delete	3	Frozen Lake	Frozen101	25.99	imgs/Frozen_Lake.png	5	Marble trend has exploded over the last few years ...

↑ ☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Figure 41: The DB before adding a product

HOME LOG IN PRODUCT CHECKOUT ADMIN CONTACT US

### MANAGER ADD PRODUCT

Please fill following information

ID: 4

Name: goldencoral

Price: 25

Description: Golden\_Coral cover

code: G101

quantity: 11

GOLDEN\_CORAL.PNG

Filling the form.

Figure 42: the admin fill adds a product form

Records added successfully:

Figure 43: show successful message to admin after adding a product

+ Options

	id	name	code	price	image	quantity	descreption
<input type="checkbox"/> Edit Copy Delete	1	Ruby Red	Ruby101	19.99	imgs/Red_Ruby.png	17	Our unique marble collection combines modern style...
<input type="checkbox"/> Edit Copy Delete	2	Golden Storm	Golden101	23.99	imgs/goldstorm.png	15	Our unique marble collection combines modern style...
<input type="checkbox"/> Edit Copy Delete	3	Frozen Lake	Frozen101	25.99	imgs/Frozen_Lake.png	3	Marble trend has exploded over the last few years ...
<input type="checkbox"/> Edit Copy Delete	4	goldencoral	G101	25.00	GOLDEN_CORAL.PNG	11	Golden_coral cover
<input type="checkbox"/> Edit Copy Delete	5	goldencoral	G102	25.00	GOLDEN_CORAL.PNG	11	Golden_Coral cover

↑ ☐ Check all | With selected: Edit Copy Delete Export

☒ Show all | Number of rows: All | Filter rows: Search this table | Sort by key: None

Database had been updated.

Figure 44: the DB after adding the product