



# The final report

**Project Name:**

Sa7ar\_store

**Account link :**

[https://instagram.com/sa7ar\\_store?igshid=YmMyMTA2M2Y=](https://instagram.com/sa7ar_store?igshid=YmMyMTA2M2Y=)

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## • Project Description

In the course of the web-based system, we will design a website to support one of the accounts on social networking sites Instagram Where the account focuses on manual work, especially drawing on pots with a special design requested by the customer. Initially, when we design the site, there will be a home page containing the official Logo And the welcome words for the user, and then the user will choose the section from which he wants to buy and put his products in the shopping cart The goal of designing the site is to facilitate the ordering process, search for products available to customers, and the possibility of expressing their opinions while providing different methods of payment upon completion of the order, and the possibility of communicating with the business owner to request assistance or inquiries. And to provide an easy-to-use user interface, where the customer can remember what he wants to do without the need to learn anything or take time for that.

- Database design
  - ERD design

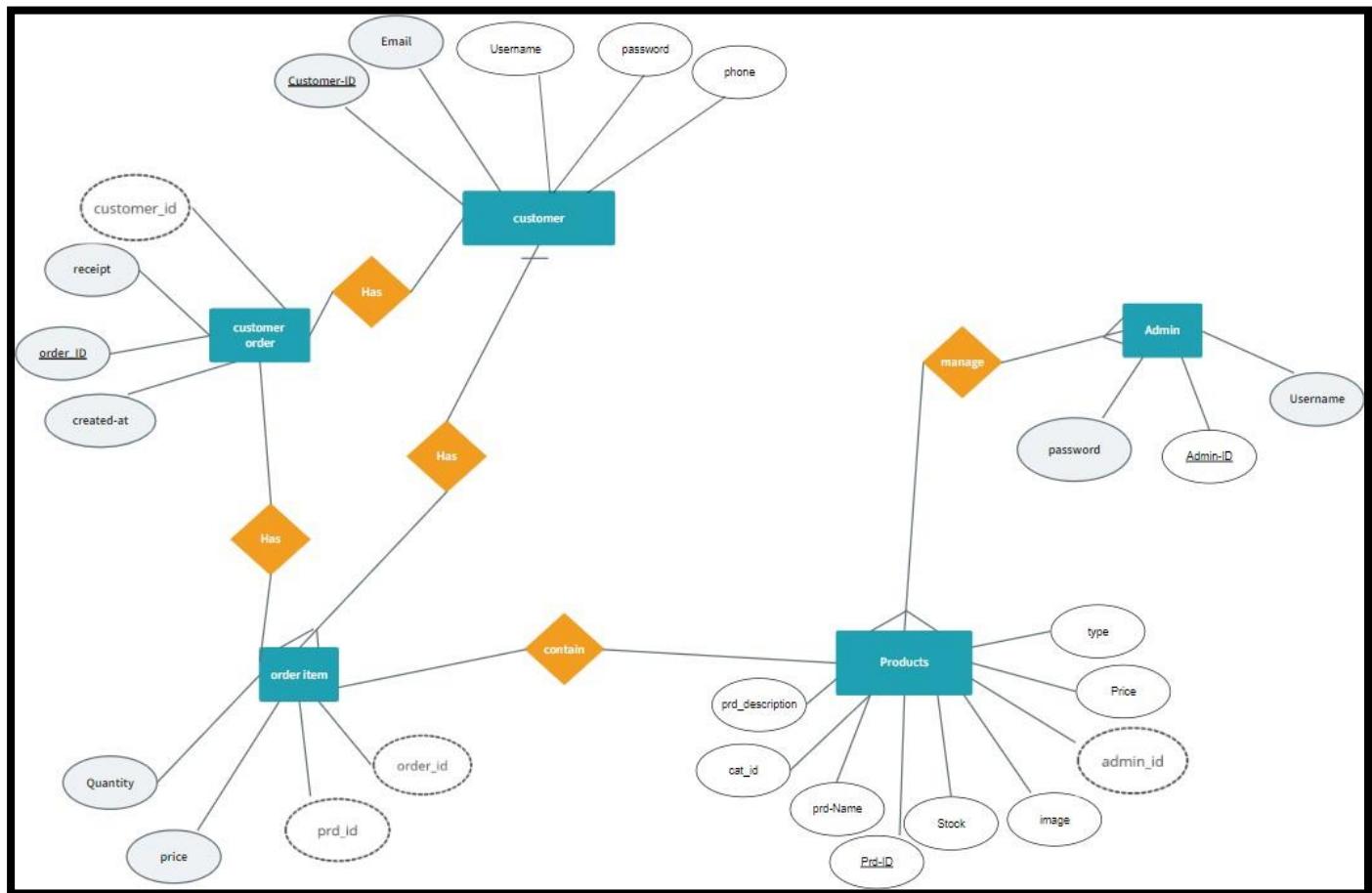


Figure 1- ERD

## • Database tables

Our database consists of 5 tables, and we used phpMyAdmin to create the database.

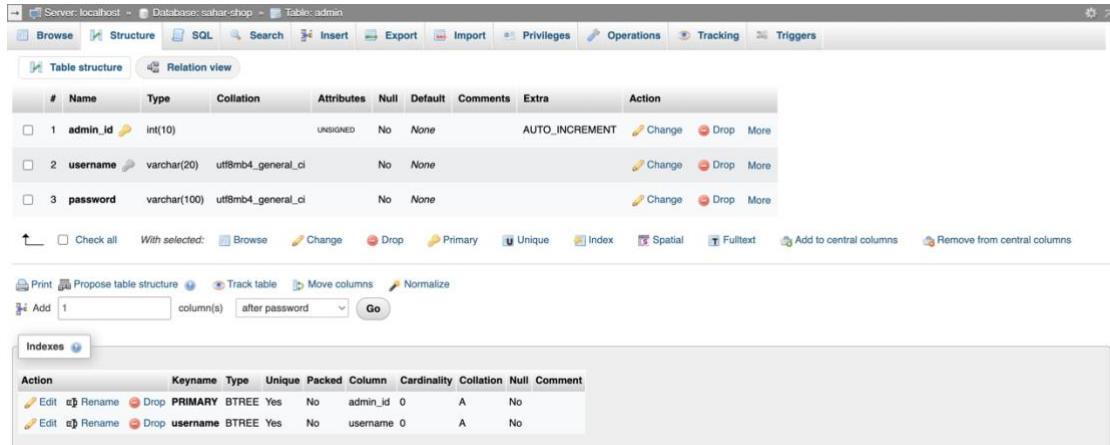
The screenshot shows the phpMyAdmin interface for the database 'sahar-shop'. At the top, there's a navigation bar with tabs like Structure, SQL, Search, Query, Export, Import, Operations, Privileges, Routines, Events, Triggers, Tracking, Designer, and Central columns. Below the navigation bar is a 'Filters' section with a search input field labeled 'Containing the word:'. The main area displays a table of database structures:

Table	Action	Rows	Type	Collation	Size	Overhead
admin	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	1	InnoDB	utf8mb4_general_ci	32.0 Kib	-
customer	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	3	InnoDB	utf8mb4_general_ci	48.0 Kib	-
customer_order	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	3	InnoDB	utf8mb4_general_ci	32.0 Kib	-
order_item	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	3	InnoDB	utf8mb4_general_ci	48.0 Kib	-
product	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	25	InnoDB	utf8mb4_general_ci	32.0 Kib	-
<b>5 tables</b>	<b>Sum</b>				<b>192.0 Kib</b>	<b>0 B</b>

Below the table, there are buttons for 'Check all' and 'With selected:'. Further down, there's a 'Create new table' section with fields for 'Table name' (containing 'test') and 'Number of columns' (set to 4), followed by a 'Create' button. At the bottom left, there's a 'Console' link.

Figure 2- Database tables

## ● Admin table



#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	admin_id	int(10)	unsigned	No	None	AUTO_INCREMENT			Change  Drop  More
2	username	varchar(20)	utf8mb4_general_ci	No	None				Change  Drop  More
3	password	varchar(100)	utf8mb4_general_ci	No	None				Change  Drop  More

With selected: Browse Change Drop Primary Unique Index Spatial Fulltext Add to central columns Remove from central columns

Print Propose table structure Track table Move columns Normalize

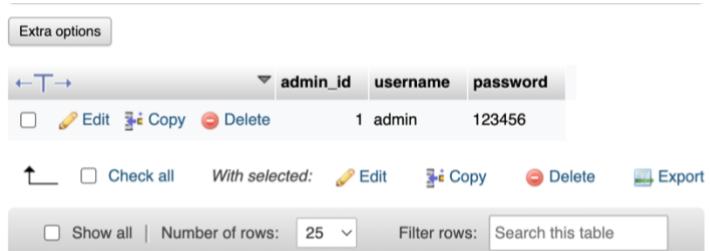
Add 1 column(s) after password Go

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit  Rename  Drop	PRIMARY	BTREE	Yes	No	admin_id	0	A	No	
Edit  Rename  Drop	username	BTREE	Yes	No	username	0	A	No	

Figure 3- Admin table

This information is for logging in to the manager's account, that is, the name is **admin** and password is **123456**



	admin_id	username	password
Edit  Copy  Delete	1	admin	123456

With selected: Edit Copy Delete Export

Check all Show all | Number of rows: 25 Filter rows: Search this table

Figure 4- Admin information

## ● Customer table

The screenshot shows the 'Structure' tab for the 'customer' table in MySQL Workbench. The table has five columns: customer\_id, username, email, phone, and password. The primary key is customer\_id. The table structure is as follows:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	customer_id	int(10)	utf8mb4_general_ci	UNSIGNED	No	None		AUTO_INCREMENT	Change  Drop  More
2	username	varchar(20)	utf8mb4_general_ci		No	None			Change  Drop  More
3	email	varchar(50)	utf8mb4_general_ci		No	None			Change  Drop  More
4	phone	varchar(12)	utf8mb4_general_ci		No	None			Change  Drop  More
5	password	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More

Below the table structure, there is a section for 'Indexes' with three entries:

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
	PRIMARY	BTREE	Yes	No	customer_id	3	A	No	
	username	BTREE	Yes	No	username	3	A	No	
	email	BTREE	Yes	No	email	3	A	No	

Figure 5- Customer table

This is the information of customers who have placed an order from the store

The screenshot shows the 'Browse' tab for the 'customer' table in MySQL Workbench. The table contains three rows of data:

	customer_id	username	email	phone	password
	1	coolman	coolman@mail.com	38939030303	aaaaaa
	2	Khaowlah	khaowla.m.z.15@gmail.com	0531211444	123456
	3	Khaowlah_zakariya	khaowla-zakariya@gmail.com	0531211444	123456

Below the table, there are buttons for 'Edit', 'Copy', 'Delete', 'Export', and dropdown menus for 'Show all', 'Number of rows' (set to 25), 'Filter rows', 'Search this table', and 'Sort by key'.

Figure 6- Information of Customer

- Customer Order table

The screenshot shows the 'Structure' tab of MySQL Workbench for the 'customer\_order' table. The table has four columns: 'order\_id' (varchar(10), primary key, unsigned), 'customer\_id' (int(10)), 'receipt' (varchar(100)), and 'created\_at' (datetime). There is one index, 'PRIMARY', on 'order\_id' and another index, 'customer\_order\_fk', on 'customer\_id'.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	order_id	varchar(10)	utf8mb4_general_ci		No	None			Change  Drop  More
2	customer_id	int(10)		UNSIGNED	No	None			Change  Drop  More
3	receipt	varchar(100)	utf8mb4_general_ci		Yes				Change  Drop  More
4	created_at	datetime			No	None			Change  Drop  More

Indexes:

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit  Rename  Drop	PRIMARY	BTREE	Yes	No	order_id	3	A	No	
Edit  Rename  Drop	customer_order_fk	BTREE	No	No	customer_id	3	A	No	

Figure 7- Customer order table

The screenshot shows the data in the 'customer\_order' table. It contains three rows of data with columns: order\_id, customer\_id, receipt, and created\_at.

	order\_id	customer\_id	receipt	created\_at

	order_id	customer_id	receipt	created_at
<input type="checkbox"/>	Edit  Copy  Delete	2957103923	3 621861d1e53ce343c963707e954c524a.png	2023-02-03 17:49:24
<input type="checkbox"/>	Edit  Copy  Delete	4597460979	3 fc24a70a28833b996e2b84cc09bab358.png	2023-02-03 17:44:47
<input type="checkbox"/>	Edit  Copy  Delete	5866888756	2 c0ceb0fbdf7b642d90ab393d4d9225b.jpg	2023-02-03 08:32:15

Figure 8- Customer information order table

- Order item table

The screenshot shows the MySQL Workbench interface with the following details:

- Table Structure:**

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	order_id	varchar(10)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
2	prd_id	int(10)		UNSIGNED	Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
3	price	decimal(15,2)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
4	quantity	int(10)		UNSIGNED	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
- Indexes:**

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
<a href="#">Edit</a> <a href="#">Rename</a> <a href="#">Drop</a>	order_id_fk	BTREE	No	No	order_id	3	A	No	
<a href="#">Edit</a> <a href="#">Rename</a> <a href="#">Drop</a>	order_prdproduct_fk	BTREE	No	No	prd_id	3	A	Yes	

Figure 9- Order item table

order_id	prd_id	price	quantity
5866888756	8	39.99	4
4597460979	8	70.00	4
2957103923	8	70.00	2

Figure 10- Order information item table

## ● Products table

The screenshot shows the MySQL Workbench interface with the following details:

- Server:** localhost
- Database:** sahar-shop
- Table:** product
- Structure View:** Shows the columns and their properties:
 

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	prd_id	int(10)		UNSIGNED	No	None		AUTO_INCREMENT	Change  Drop  More
2	admin_id	int(10)		UNSIGNED	Yes	NULL			Change  Drop  More
3	cat_id	char(1)	utf8mb4_general_ci		No	1			Change  Drop  More
4	prd_name	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
5	prd_description	text	utf8mb4_general_ci		No	None			Change  Drop  More
6	price	decimal(15,2)			No	None			Change  Drop  More
7	stock	int(11)			No	None			Change  Drop  More
8	type	varchar(10)	utf8mb4_general_ci		No	None			Change  Drop  More
9	image	varchar(70)	utf8mb4_general_ci		Yes				Change  Drop  More
- Indexes View:** Shows the indexes defined for the table:
 

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit  Rename  Drop	PRIMARY	BTREE	Yes	No	prd_id	25	A	No	
Edit  Rename  Drop	admin_product_fk	BTREE	No	No	admin_id	2	A	Yes	

Figure 11- Products table

The screenshot shows the MySQL Workbench interface with the following details:

- Server:** localhost
- Database:** sahar-shop
- Table:** product
- Data View:** Shows the following data rows:
 

prd_id	admin_id	cat_id	prd_name	prd_description	price	stock	type	image
1	1	1	Fancy Coffee Cup 1	Fancy Coffee Cup 1	80.00	151	Indoor	CO1.jpeg
2	1	1	Fancy Coffee Cup 2	Fancy Coffee Cup 2	80.00	61	Indoor	CO2.jpeg
3	1	1	Fancy Coffee Cup 3	Fancy Coffee Cup 3	70.00	11	Indoor	CO3.jpeg
4	1	1	Fancy Coffee Cup 4	Fancy Coffee Cup 4	80.00	90	Indoor	CO4.jpeg
5	1	1	Fancy Coffee Cup 5	Fancy Coffee Cup 5	70.00	300	Indoor	CO5.jpeg
6	1	1	Fancy Coffee Cup 6	Fancy Coffee Cup 6	80.00	30	Indoor	CO6.jpeg
7	1	1	Fancy Coffee Cup 7	Fancy Coffee Cup 7	70.00	23	Indoor	CO7.jpeg
8	1	1	Fancy Coffee Cup 8	Fancy Coffee Cup 8	70.00	0	Indoor	CO8.jpeg
9	1	1	Fancy Coffee Cup 9	Fancy Coffee Cup 9	80.00	110	Indoor	CO9.jpeg
10	1	1	Fancy Coffee Cup 10	Fancy Coffee Cup 10	80.00	210	Indoor	CO10.jpeg
11	1	2	Tea Cup 1	Tea Cup 1	35.00	200	Indoor	tea1.jpeg
12	1	2	Tea Cup 2	Tea Cup 2	35.00	200	Indoor	tea2.jpeg
13	1	2	Tea Cup 3	Tea Cup 3	35.00	200	Outdoor	tea3.jpeg
14	1	2	Tea Cup 4	Tea Cup 4	35.00	200	Indoor	tea4.jpeg
15	1	2	Tea Cup 5	Tea Cup 5 Drawing of Fiona	35.00	200	Outdoor	tea5.jpeg
16	1	2	Tea Cup 6	Tea Cup 6 Drawing Sally	35.00	200	Indoor	tea6.jpeg
17	1	3	Dish and cup set 1	Dish and cup set 1	80.00	230	Indoor	DC1.jpeg
18	1	3	Dish and cup set 2	Dish and cup set 1	120.00	130	Indoor	DC2.jpeg
19	1	3	Dish and cup set 3	Dish and cup set 1	100.00	30	Outdoor	DC3.jpeg
20	1	3	Dish and cup set 4	Dish and cup set 1	100.10	20	Outdoor	DC4.jpeg
21	1	3	Dish and cup set 5	Dish and cup set 1	80.00	210	Indoor	DC5.jpeg
22	1	3	Dish and cup set 6	Dish and cup set 1	120.00	10	Indoor	DC6.jpeg
23	1	3	Dish and cup set 7	Dish and cup set 1	120.00	20	Outdoor	DC7.jpeg
24	1	4	Package 1	Package 1	269.99	230	Indoor	p1.jpeg
25	1	4	Package 2	Package 2 - You can change the products and also t...	300.00	250	Indoor	p2.jpeg

Figure 12- Products information table

- Relations of database

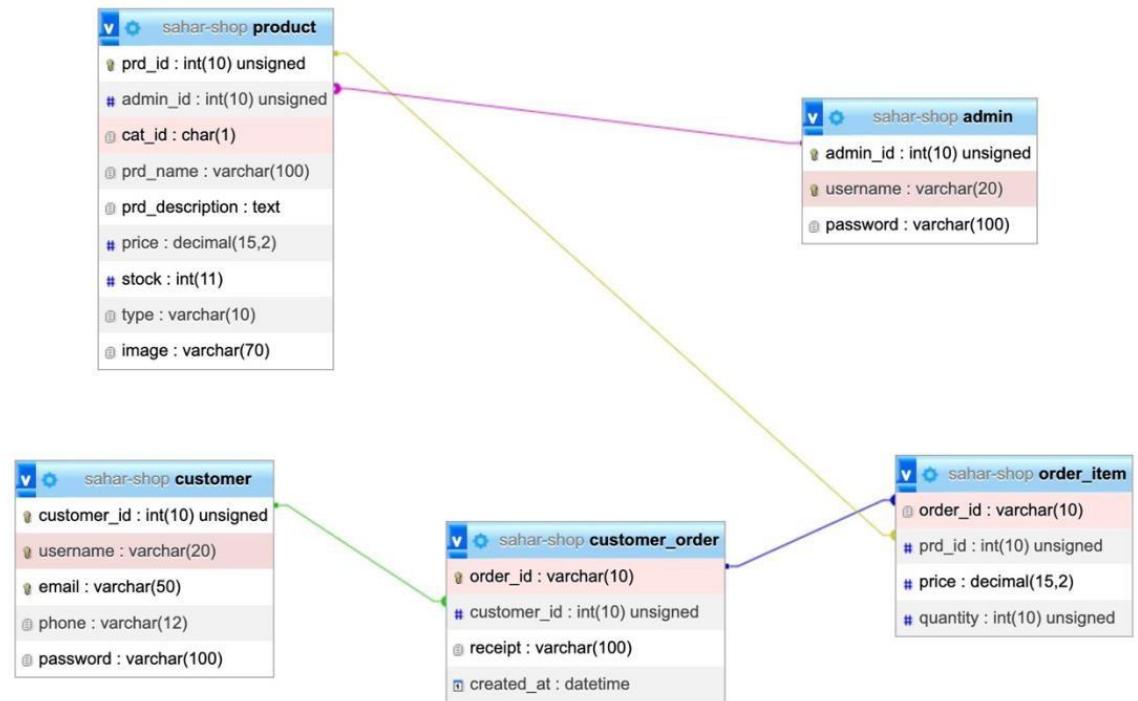
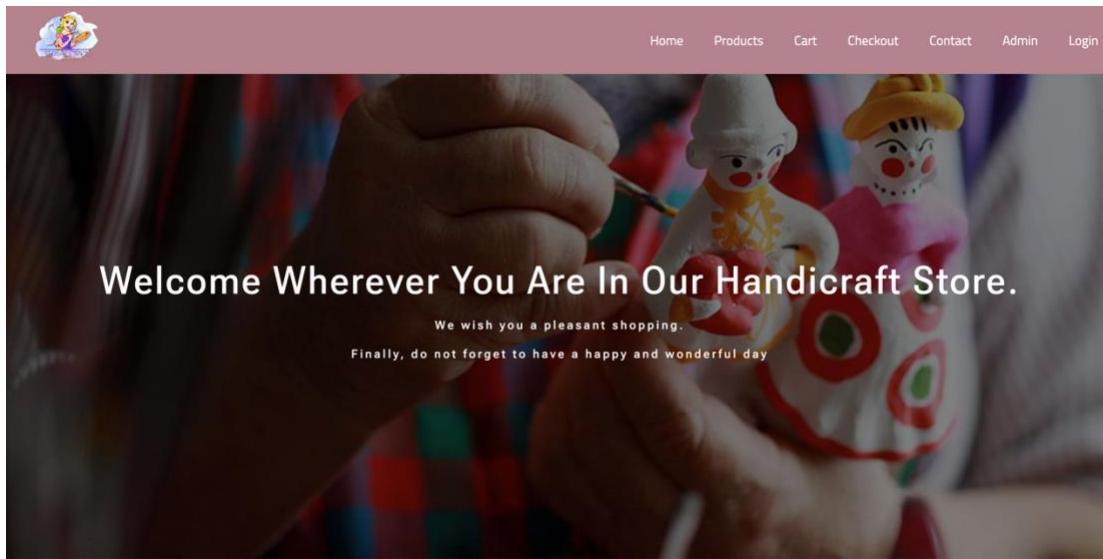


Figure 13 – Relation of database

## Web application Interface

- Home page



Recent purchase products by you

A thumbnail image of a product card. It features a small image of a white coffee cup with a colorful cartoon illustration on it, resting on a wooden surface. Below the image, the product name "Fancy Coffee Cup 9" is displayed in bold black text, followed by the price "Price: 80.00 SAR" in smaller text.



Figure 14 – Home page

- **Login page**

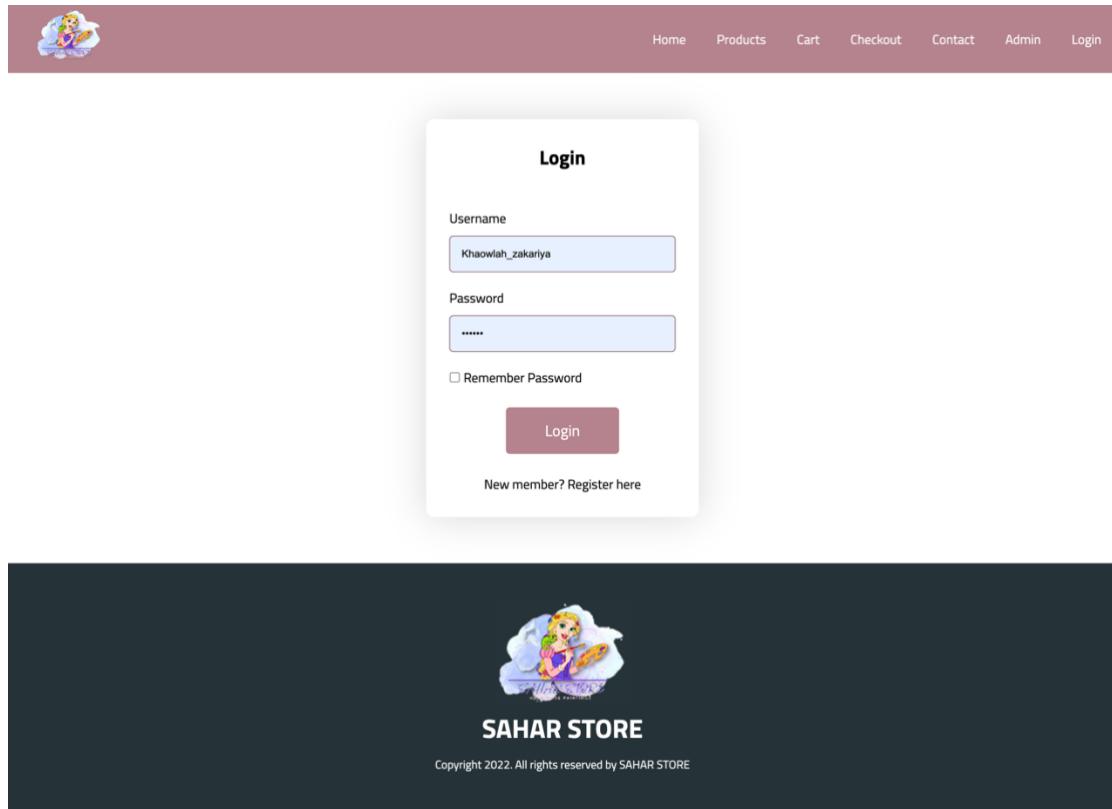


Figure 15 – login page

- Sing up page

The screenshot shows the registration page of the SAHAR STORE website. At the top, there is a navigation bar with links for Home, Products, Cart, Checkout, Contact, Admin, and Login. To the left of the navigation bar is a logo featuring a cartoon character in a cloud. The main content area has a light gray background and contains a form titled "Register". The form includes fields for Username, Email, Phone, and Password, each with a corresponding input box. Below the input boxes is a dark red "Register" button. At the bottom of the form, there is a link that says "Already member? Login here".

SAHAR STORE

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Figure 16 – Sing up page

- **login as Admin page**

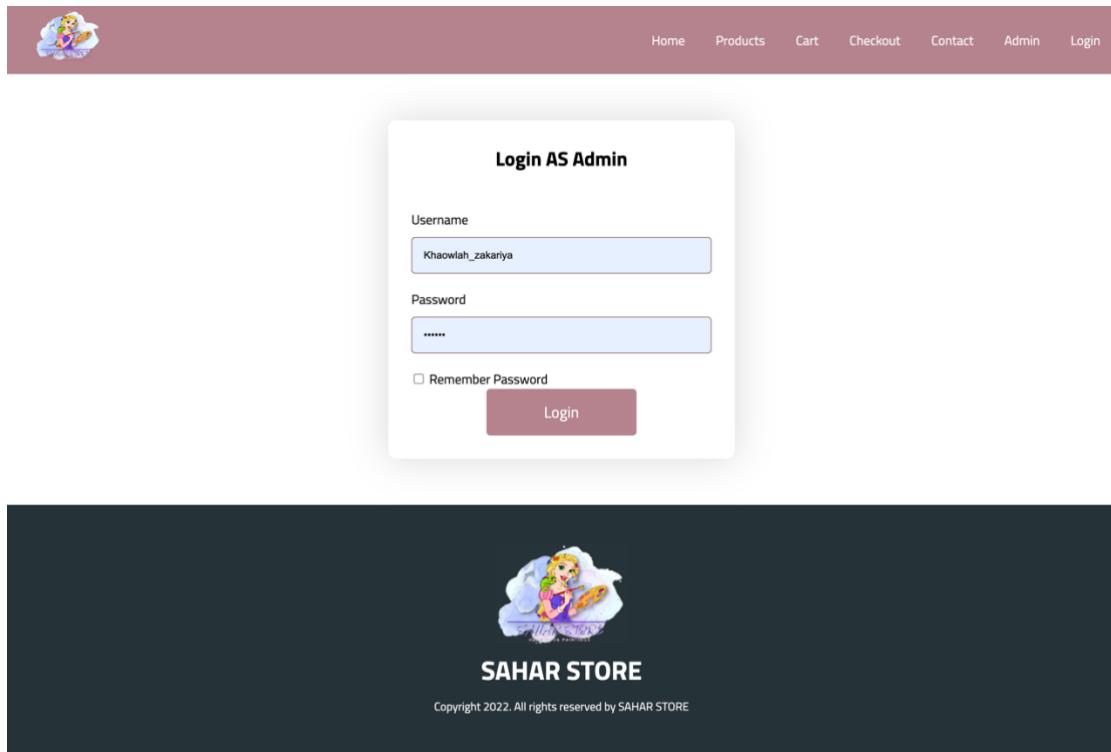


Figure 17 – Login as Admin page

- **Admin home page**

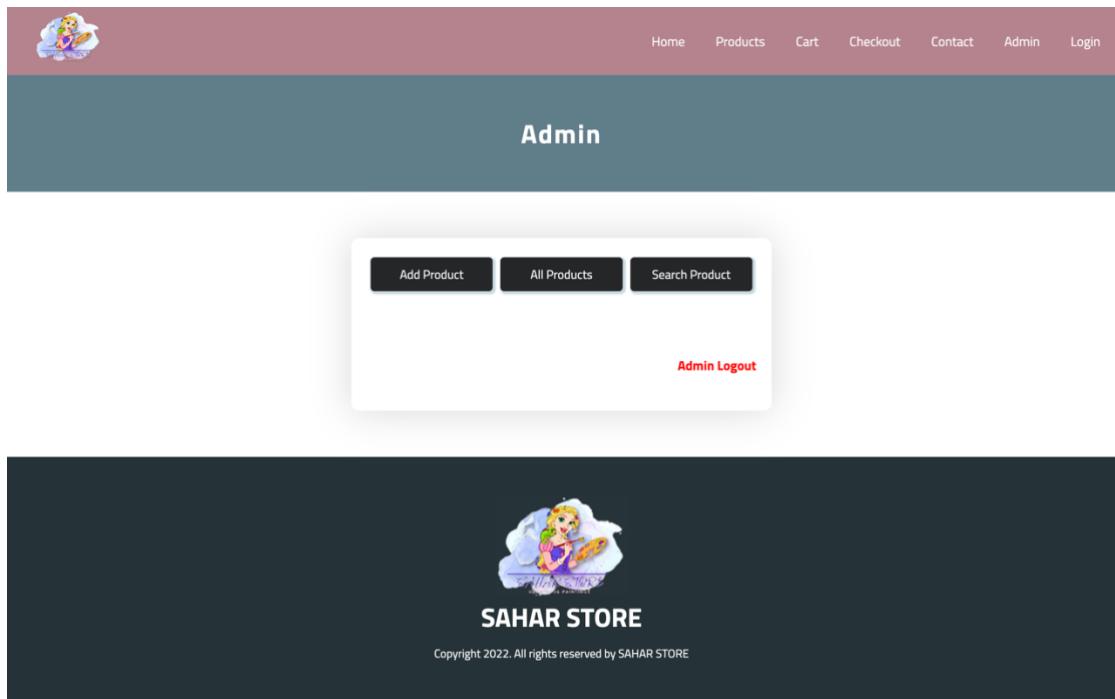


Figure 18 – Admin home page

- **Add new product page**

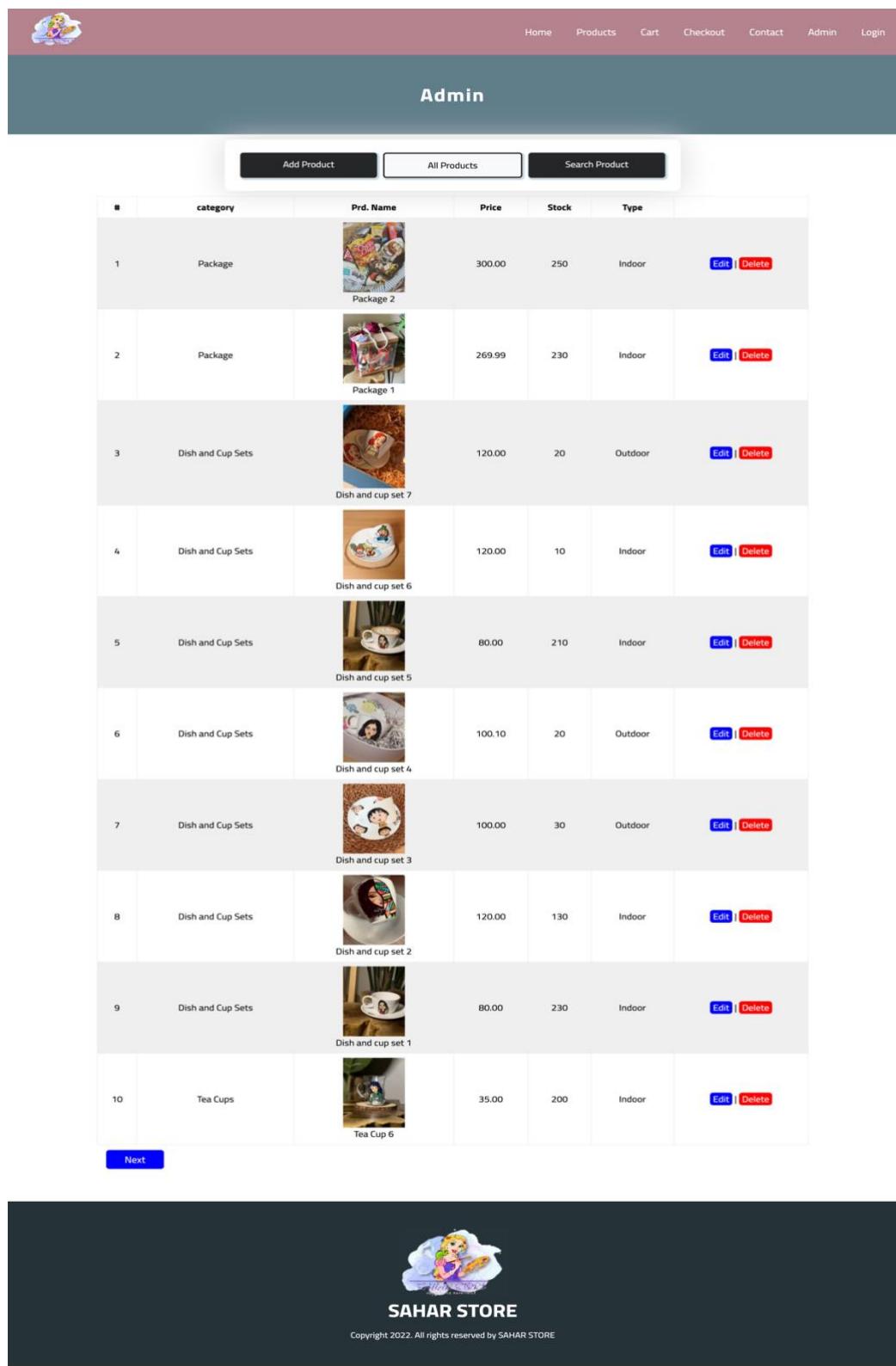
The screenshot shows the 'Add New Product' form on a website. At the top, there is a navigation bar with links for Home, Products, Cart, Checkout, Contact, Admin, and Login. The main form has the following fields:

- Product Category: A dropdown menu.
- Product Name: An input field.
- Product Price: An input field.
- Product Stock: An input field.
- Select Product Type: A dropdown menu.
- Product Description: An input field.
- Upload Product Image: A file input field labeled 'Choose File' with 'No file chosen' displayed.
- An 'Add Product' button at the bottom.

The background of the page features a dark banner at the bottom with the store's logo (a woman in a traditional dress) and the text 'SAHAR STORE'. Below the banner, a copyright notice reads 'Copyright 2022. All rights reserved by SAHAR STORE'.

Figure 19 – Add new product

- All products page



The screenshot shows the Sahar Store Admin interface. At the top, there's a navigation bar with links for Home, Products, Cart, Checkout, Contact, Admin, and Login. Below that is a dark blue header bar with the word "Admin" in white. In the center, there's a search bar with three buttons: "Add Product", "All Products", and "Search Product". Below the search bar is a table listing 10 products. The columns are labeled #, category, Prd. Name, Price, Stock, and Type. Each product row includes a small image of the item, its name, price, stock level, and type (Indoor or Outdoor). At the end of each row are "Edit" and "Delete" buttons.

#	category	Prd. Name	Price	Stock	Type	
1	Package	 Package 2	300.00	250	Indoor	<a href="#">Edit</a> <a href="#">Delete</a>
2	Package	 Package 1	269.99	230	Indoor	<a href="#">Edit</a> <a href="#">Delete</a>
3	Dish and Cup Sets	 Dish and cup set 7	120.00	20	Outdoor	<a href="#">Edit</a> <a href="#">Delete</a>
4	Dish and Cup Sets	 Dish and cup set 6	120.00	10	Indoor	<a href="#">Edit</a> <a href="#">Delete</a>
5	Dish and Cup Sets	 Dish and cup set 5	80.00	210	Indoor	<a href="#">Edit</a> <a href="#">Delete</a>
6	Dish and Cup Sets	 Dish and cup set 4	100.10	20	Outdoor	<a href="#">Edit</a> <a href="#">Delete</a>
7	Dish and Cup Sets	 Dish and cup set 3	100.00	30	Outdoor	<a href="#">Edit</a> <a href="#">Delete</a>
8	Dish and Cup Sets	 Dish and cup set 2	120.00	130	Indoor	<a href="#">Edit</a> <a href="#">Delete</a>
9	Dish and Cup Sets	 Dish and cup set 1	80.00	230	Indoor	<a href="#">Edit</a> <a href="#">Delete</a>
10	Tea Cups	 Tea Cup 6	35.00	200	Indoor	<a href="#">Edit</a> <a href="#">Delete</a>

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Figure 20 –All product

- **Search products page**

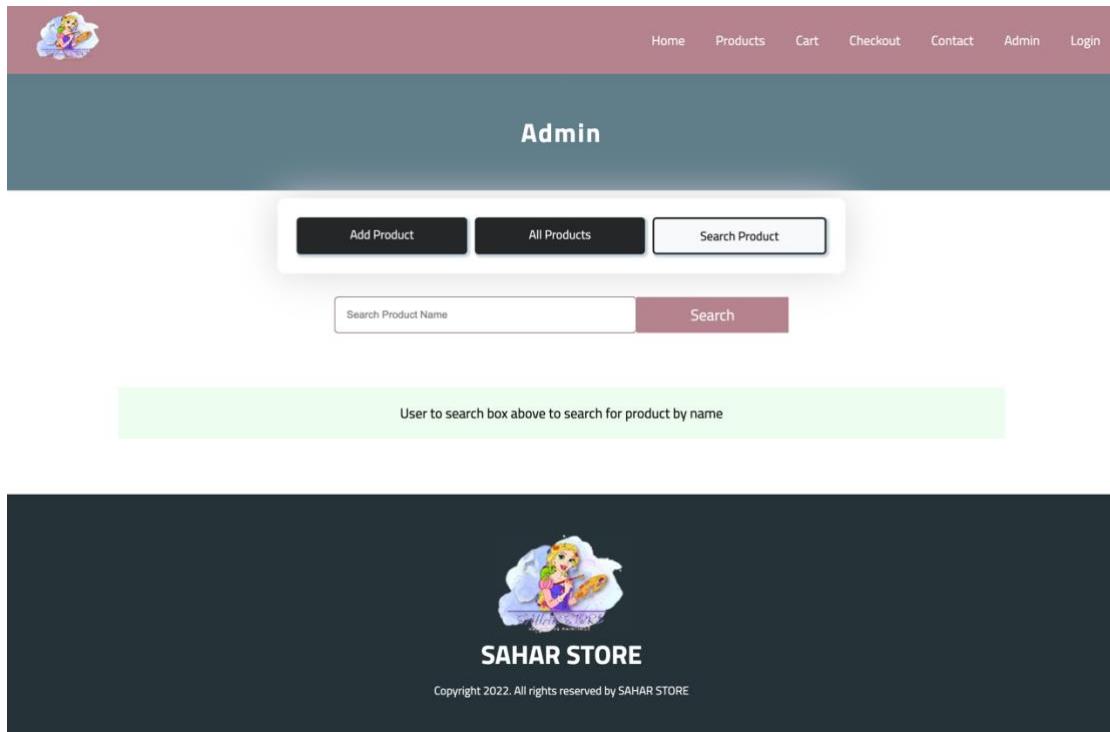


Figure 21 –Search product

- Products page

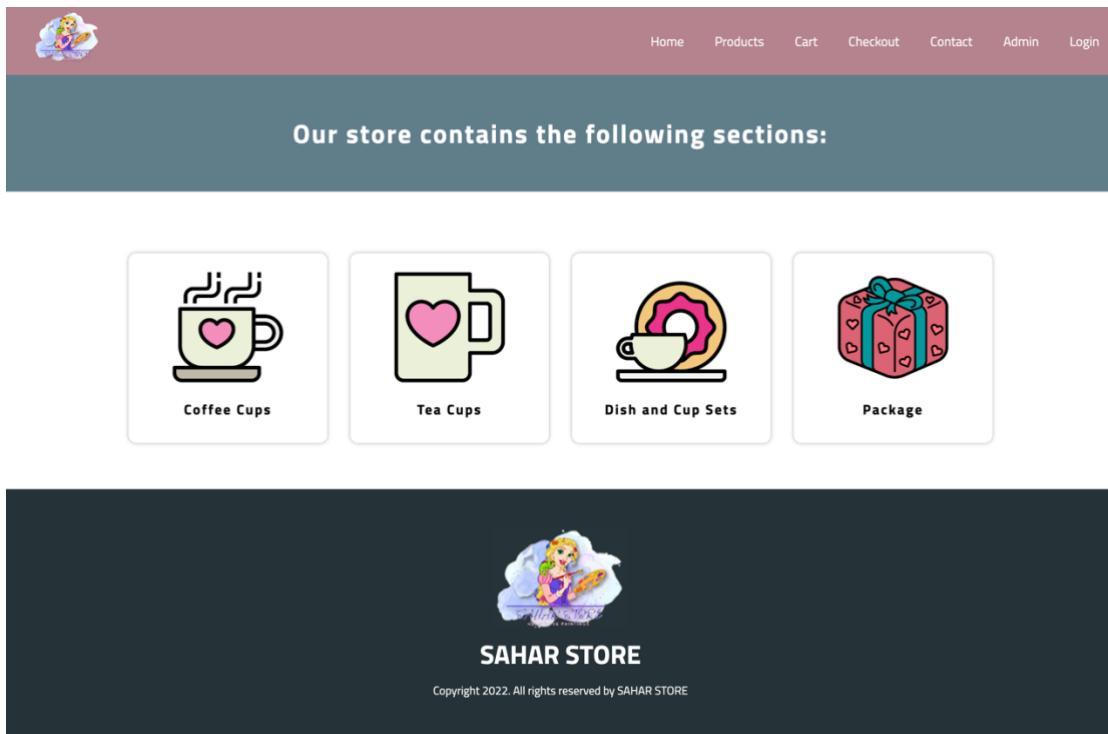


Figure 22 – products

- Coffee Cups page

The screenshot shows a grid of ten coffee cups arranged in two rows of five. Each cup is displayed in a white rounded rectangle with a green 'Buy Now' button at the bottom. The first row contains four cups labeled Fancy Coffee Cup 10, 9, 8, and 7. The second row contains four cups labeled Fancy Coffee Cup 6, 5, 4, and 3. The background is a dark teal color with the title 'Coffee Cups' centered above the grid. At the top, there is a navigation bar with links for Home, Products, Cart, Checkout, Contact, Admin, and Login. A small logo featuring a cartoon character is in the top-left corner.

Cup Number	Image Description	Price	Action
Fancy Coffee Cup 10	A mug with a woman's face and yellow flowers.	80.00 SAR	Buy Now
Fancy Coffee Cup 9	A mug with two people's faces.	80.00 SAR	Buy Now
Fancy Coffee Cup 8	A mug with a person's face and green leaves.	70.00 SAR	Buy Now
Fancy Coffee Cup 7	A mug with two people's faces and flowers.	70.00 SAR	Buy Now
Fancy Coffee Cup 6	A mug with a man's face.	80.00 SAR	Buy Now
Fancy Coffee Cup 5	A mug with a cartoon character's face.	70.00 SAR	Buy Now
Fancy Coffee Cup 4	A mug with two people's faces and flowers.	80.00 SAR	Buy Now
Fancy Coffee Cup 3	A mug with a colorful design.	70.00 SAR	Buy Now

Next

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Figure 23 – Coffee cups page

- Tea Cups page

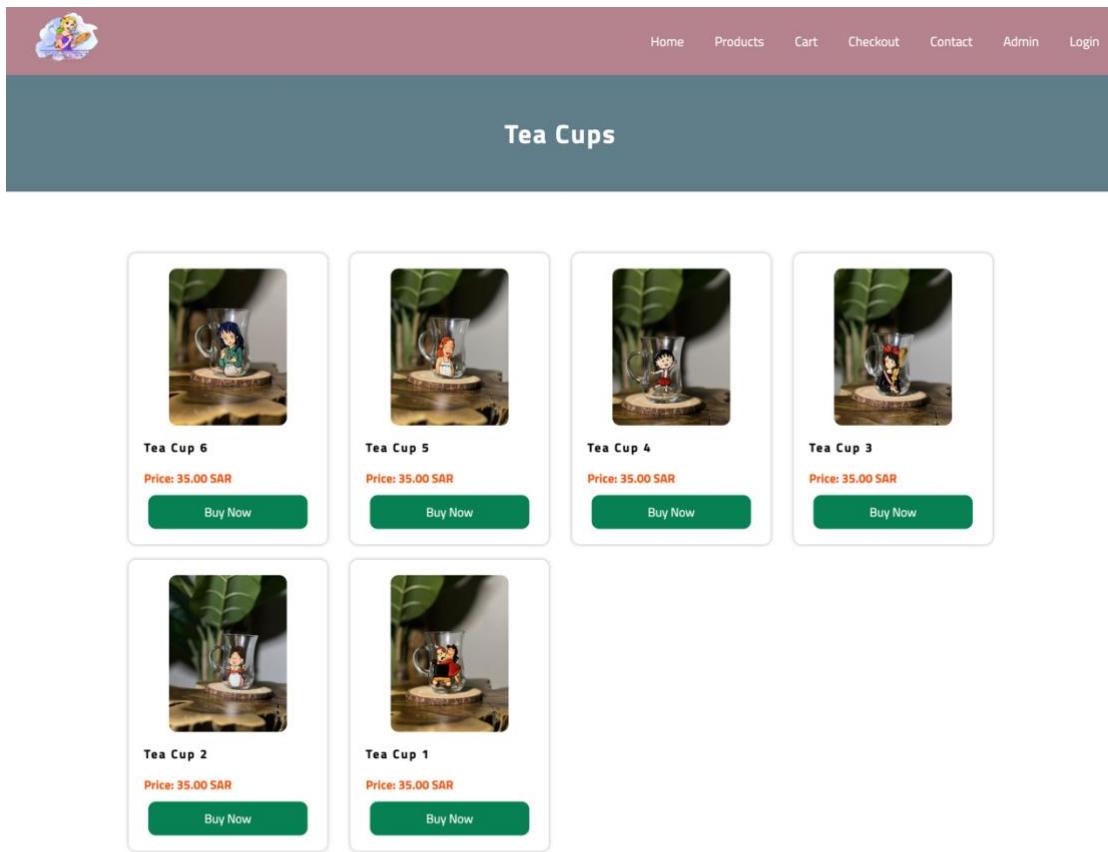


Figure 24 – Tea cups page

- Dish and Cup sets page

The screenshot displays a product category page for 'Dish and Cup Sets' on the Sahar Store website. The header features a logo of a woman in a purple dress, followed by navigation links for Home, Products, Cart, Checkout, Contact, Admin, and Login. The main title 'Dish and Cup Sets' is centered above a grid of seven product cards. Each card contains an image of a unique dish and cup set, a product name, its price in SAR, and a 'Buy Now' button.

Dish and cup set	Price (SAR)	Action
Dish and cup set 7	120.00 SAR	Buy Now
Dish and cup set 6	120.00 SAR	Buy Now
Dish and cup set 5	80.00 SAR	Buy Now
Dish and cup set 4	100.10 SAR	Buy Now
Dish and cup set 3	100.00 SAR	Buy Now
Dish and cup set 2	120.00 SAR	Buy Now
Dish and cup set 1	80.00 SAR	Buy Now

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Figure 25 – Dish and cup sets

## • Package

The screenshot shows a web page for 'SAHAR STORE'. At the top, there's a navigation bar with links for Home, Products, Cart, Checkout, Contact, Admin, and Login. Below the navigation is a dark teal header bar with the word 'Package' in white. The main content area displays two products in white-bordered boxes:

- Package 2**: An image of a gift basket containing various items like chips and a small cake. Below the image, the text 'Price: 300.00 SAR' is shown, followed by a green 'Buy Now' button.
- Package 1**: An image of a gift basket wrapped in pink and purple tissue paper, tied with a ribbon. Below the image, the text 'Price: 269.99 SAR' is shown, followed by a green 'Buy Now' button.

At the bottom of the page is a dark footer section featuring the store's logo (a woman in a headscarf holding a tray) and the text 'SAHAR STORE'. Below the logo, it says 'Copyright 2022. All rights reserved by SAHAR STORE'.

Figure 26 – package page

- **Cart page**

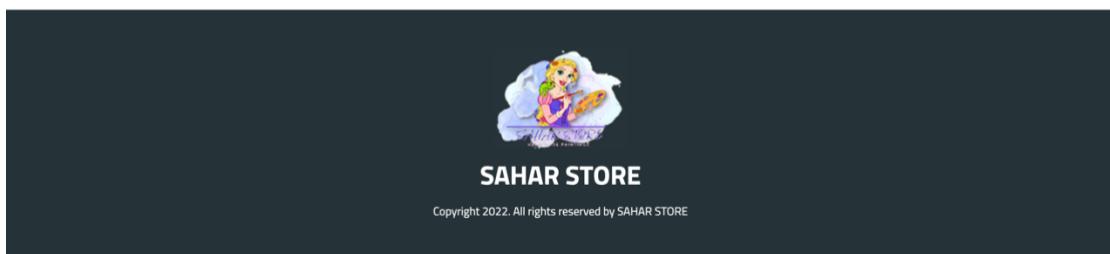
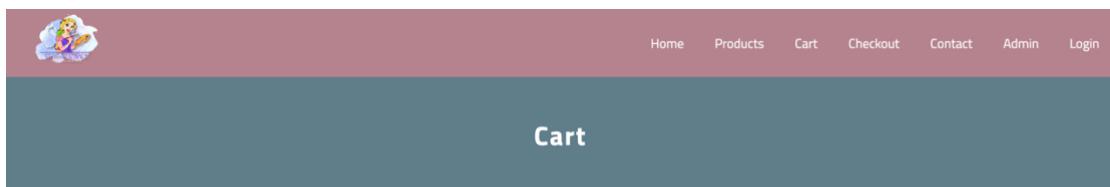


Figure 27 – Cart page

- **Checkout page**



Figure 28 – Checkout page

- Contact page

The screenshot shows a contact page for a website named "SAHAR STORE". At the top, there is a navigation bar with links for Home, Products, Cart, Checkout, Contact, Admin, and Login. A logo featuring a woman in traditional attire is positioned in the top left corner. The main title "Contact" is centered above a form. The form contains fields for "Your Name", "Your Email", "Phone Number", and "Enter Message", each with a corresponding input box. A "Send" button is located at the bottom right of the form. To the left of the form is a Google Map showing the store's location in Jubail, Saudi Arabia.

Figure 29 – Contact page

- Testing cases (that covers all the assigned tasks) + print screens.

- Add Product

When the manager wants to add a product, he will click on Add Product

The screenshot shows the Sahar Store website interface. At the top, there is a navigation bar with links for Home, Products, Cart, Checkout, Contact, Admin, and Login. On the left side of the main content area, there is a logo of a woman in a traditional dress sitting on a cloud. The central part of the page features a white rectangular form titled "Add New Product". The form contains the following fields:

- Product Category: A dropdown menu.
- Product Name: An input field.
- Product Price: An input field.
- Product Stock: An input field.
- Select Product Type: A dropdown menu.
- Product Description: An input field.
- Upload Product Image: A file input field with placeholder text in Arabic: "لم يتم اختيار أي ملف" (No file selected).

# Add New Product

Product Category

- Coffee Cups
- Tea Cups
- Dish and Cup Sets
- Package



Home Products Cart Checkout Contact Admin Login

## Add New Product

Product Category

Coffee Cups

Product Name

g4

Product Price

35

Product Stock

4

Indoor

Product Description

swesating

Upload Product Image

Choose File 11.jpeg

Add Product



**SAHAR STORE**

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When adding a new product, a Product added successfully message will appear

The screenshot shows a web application interface for adding a new product. At the top, there is a navigation bar with links for Home, Products, Cart, Checkout, Contact, Admin, and Login. On the left side of the main content area, there is a logo of a woman holding a paintbrush. The central part of the page features a form titled "Add New Product". A green success message box at the top of the form contains the text "Product added successfully". The form includes fields for Product Category (a dropdown menu), Product Name (an input field), Product Price (an input field), Product Stock (an input field), Select Product Type (a dropdown menu), Product Description (a text area), and Upload Product Image (a file input field with a placeholder "لم يتم اختيار أي ملف" and a "선택파일" button). At the bottom of the form is a purple "Add Product" button. Below the form, there is a dark footer section containing the same logo and the text "SAHAR STORE" and "Copyright 2022. All rights reserved by SAHAR STORE".

When adding a new product, it will appear in the selected section

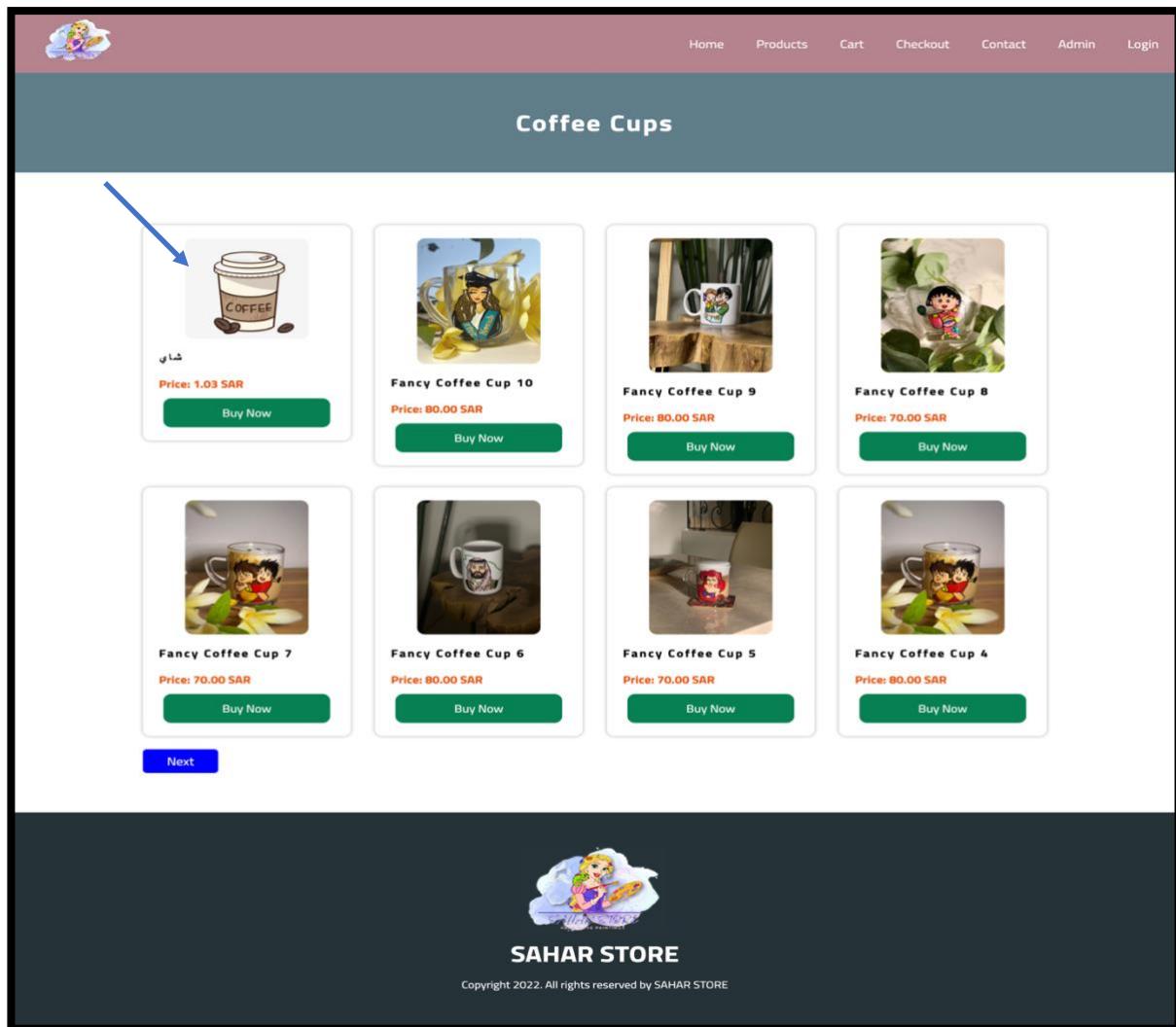


Figure 30 – cases test1- Add product

- **Delete proudest**

When the manager wants to see all the products, he will click on all products icon. The manager can edit or delete the product

#	category	Prd. Name	Price	Stock	Type	
1	Coffee Cups	 قهوة	1.03	3	Indoor	<a href="#">Edit</a>   <a href="#">Delete</a>
2	Package	 Package 2	300.00	250	Indoor	<a href="#">Edit</a>   <a href="#">Delete</a>
3	Package	 Package 1	269.99	230	Indoor	<a href="#">Edit</a>   <a href="#">Delete</a>
4	Dish and Cup Sets	 Dish and cup set 7	120.00	20	Outdoor	<a href="#">Edit</a>   <a href="#">Delete</a>
5	Dish and Cup Sets	 Dish and cup set 6	120.00	10	Indoor	<a href="#">Edit</a>   <a href="#">Delete</a>
6	Dish and Cup Sets	 Dish and cup set 5	80.00	210	Indoor	<a href="#">Edit</a>   <a href="#">Delete</a>
7	Dish and Cup Sets	 Dish and cup set 4	100.10	20	Outdoor	<a href="#">Edit</a>   <a href="#">Delete</a>
8	Dish and Cup Sets	 Dish and cup set 3	100.00	30	Outdoor	<a href="#">Edit</a>   <a href="#">Delete</a>
9	Dish and Cup Sets	 Dish and cup set 2	120.00	130	Indoor	<a href="#">Edit</a>   <a href="#">Delete</a>
10	Dish and Cup Sets	 Dish and cup set 1	80.00	230	Indoor	<a href="#">Edit</a>   <a href="#">Delete</a>

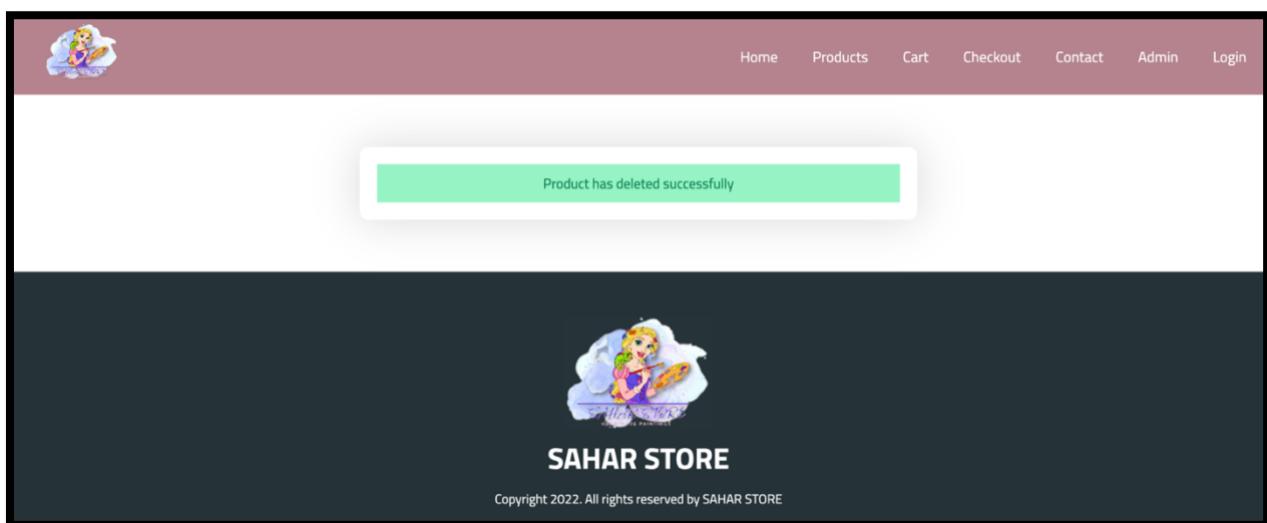
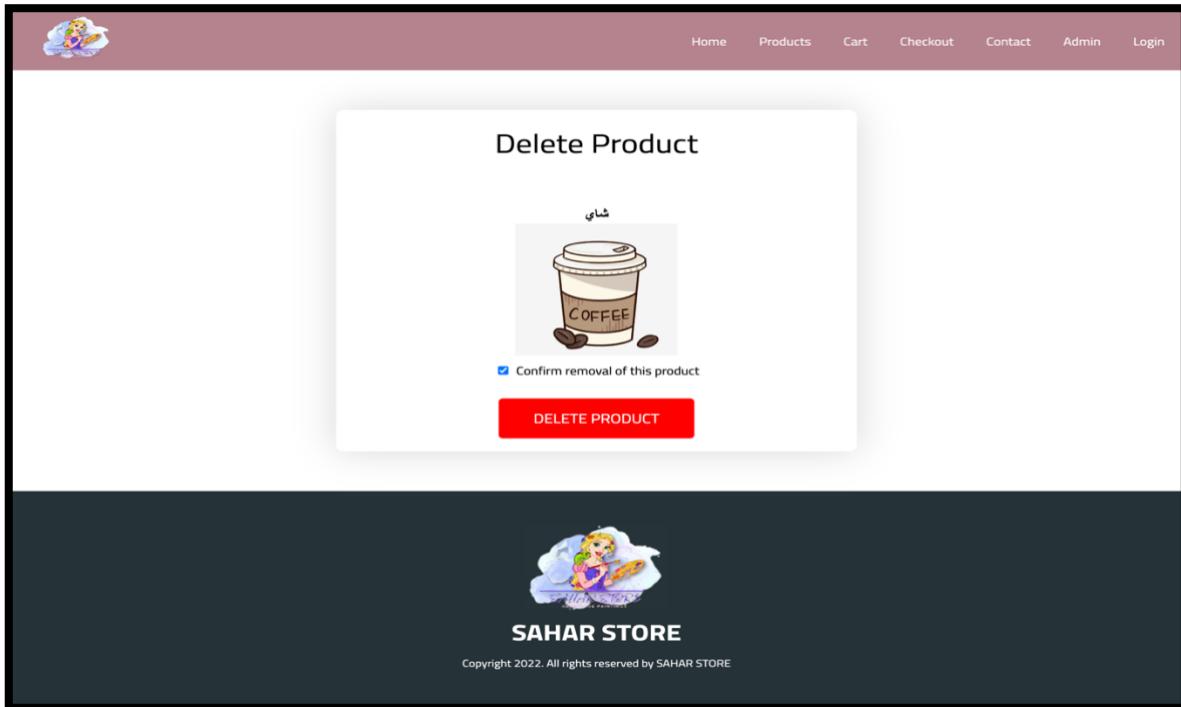
[Next](#)



SAHAR STORE

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We will now try to delete the product that we added



## A product has been removed

The screenshot shows a web application interface for managing products. At the top, there is a navigation bar with links for Home, Products, Cart, Checkout, Contact, Admin, and Login. A logo featuring a cartoon character is positioned on the left side of the header. Below the header, the word "Admin" is centered in a dark blue banner. The main content area contains a table listing three products. The columns are labeled #, category, Prd. Name, Price, Stock, and Type. Each row includes a small image of the product, its name, price, stock level, type, and edit/delete buttons.

#	category	Prd. Name	Price	Stock	Type	
1	Package	Package 2	279.99	250	Indoor	<a href="#">Edit</a>   <a href="#">Delete</a>
2	Package	Package 1	269.99	230	Indoor	<a href="#">Edit</a>   <a href="#">Delete</a>
3	Dish and Cup Sets	Dish and cup set 7	120.00	20	Outdoor	<a href="#">Edit</a>   <a href="#">Delete</a>

Figure 31 – cases test 2 - Delete product

- **Modify product**

now try to modify one of the previously added products

The screenshot shows the 'SAHAR STORE' website interface. At the top, there is a navigation bar with links for Home, Products, Cart, Checkout, Contact, Admin, and Login. The main content area features a 'Modify Product' form. The form fields include:

- Product Category: Package
- Product Name: Package 2
- Product Price: ٢٧١,١١
- Product Stock: ٢٠٠
- Indoor: Indoor
- Product Description: Package 2
- Upload Product Image (upload to override previous image): A file input field containing the text "لم يتم اختيار أي ملف" (No file selected) and a preview image of a food item.

A large red 'Modify Product' button is located at the bottom of the form. The footer of the page features a logo of a woman holding a tray, the text "SAHAR STORE", and the copyright notice "Copyright 2022. All rights reserved by SAHAR STORE".

We have changed the price as well as the product description. When you click on the product modification icon, a green message will appear.

Product updated successfully

### Modify Product

Product Category

Product Name

Product Price

Product Stock

Indoor

Product Description

Package 2 . You can change the products and also the price will vary according to the selected

Upload Product Image (upload to override previous image)

لم يتم اختيار أي صورة. اختر صورة

Modify Product

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Figure 32 – cases test 3 - Modify product

- **Search product**

When the manager wants to search for a product, he will click on search for products

The screenshot shows the SAHAR STORE Admin interface. At the top, there is a navigation bar with links for Home, Products, Cart, Checkout, Contact, Admin, and Login. Below the navigation bar, the word "Admin" is prominently displayed. In the center, there are three buttons: "Add Product", "All Products", and "Search Product". Below these buttons is a search bar with the placeholder text "Search Product Name" and a "Search" button. A green callout box with the text "User to search box above to search for product by name" is positioned below the search bar.

User to search box above to search for product by name

The screenshot shows the SAHAR STORE homepage. It features a dark background with a central logo featuring a woman holding a tray of food. Below the logo, the text "SAHAR STORE" is displayed in bold capital letters. At the bottom, there is a copyright notice: "Copyright 2022. All rights reserved by SAHAR STORE".

The screenshot shows the Sahar Store Admin dashboard. At the top, there is a navigation bar with links for Home, Products, Cart, Checkout, Contact, Admin, and Login. Below the navigation bar, the word "Admin" is displayed prominently. In the center, there is a search bar with the placeholder text "Search Product". Below the search bar is a table titled "All Products" with a search input field containing "tea". The table has columns for #, Category, Prd. Name, Price, Stock, and Type. It lists six products under the category "Tea Cups", each with a small image, the product name, price (35.00), stock (200), and type (Indoor or Outdoor). Each row also includes "Edit" and "Delete" buttons.

#	Category	Prd. Name	Price	Stock	Type	
1	Tea Cups	Tea Cup 6	35.00	200	Indoor	<a href="#">Edit</a>   <a href="#">Delete</a>
2	Tea Cups	Tea Cup 5	35.00	200	Outdoor	<a href="#">Edit</a>   <a href="#">Delete</a>
3	Tea Cups	Tea Cup 4	35.00	200	Indoor	<a href="#">Edit</a>   <a href="#">Delete</a>
4	Tea Cups	Tea Cup 3	35.00	200	Outdoor	<a href="#">Edit</a>   <a href="#">Delete</a>
5	Tea Cups	Tea Cup 2	35.00	200	Indoor	<a href="#">Edit</a>   <a href="#">Delete</a>
6	Tea Cups	Tea Cup 1	35.00	200	Indoor	<a href="#">Edit</a>   <a href="#">Delete</a>


**SAHAR STORE**  
www.saharstore.com

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Figure 33 – cases test 4 - Search product

- **Add to Cart**

When the user clicks on Buy Now in one of the products, the following page will appear



The screenshot shows a product details page for a "Fancy Coffee Cup 8". The top navigation bar includes links for Home, Products, Cart, Checkout, Contact, Admin, and Login. A logo of a woman in a blue dress is in the top left corner. The main title "Product Details" is centered above the product image. Below the title, the product name "Fancy Coffee Cup 8" is displayed. To the right of the image, there are product specifications: Price (70.00 SAR), Product Type (Indoor), Available Stock (6), and a Description (Fancy Coffee Cup 8). An "Add to Cart" button is located at the bottom right of the product area. The product image itself is a clear glass cup featuring a colorful illustration of a girl in a pink kimono holding a fan.



The footer of the website features a dark background with a central logo of a woman in a blue dress, the text "SAHAR STORE", and the copyright notice "Copyright 2022. All rights reserved by SAHAR STORE".

On this page, the customer can specify the number of the product that he wants to buy, then click on the Add to Cart icon so that he can purchase

The screenshot shows a product details page for a "Fancy Coffee Cup 8". At the top, there's a navigation bar with links for Home, Products, Cart, Checkout, Contact, Admin, and Login. Below the navigation is a dark blue header bar with the text "Product Details". The main content area features a product image of a clear glass cup with a colorful cartoon character (a girl in a pink kimono) printed on it, surrounded by green leaves. To the right of the image, there are product specifications:

- Price:** 70.00 SAR
- Product Type:** Indoor
- Available Stock:** 6

**Description:** Fancy Coffee Cup 8

Below the specifications is a quantity selector (a dropdown menu showing "1") and a yellow "Add to Cart" button. A blue arrow points upwards from the "Add to Cart" button towards the top of the page, indicating the user's action.

Here I clicked on Add to Cart. A green message appeared saying that the cart has been updated. An icon appeared at the end of the page to go to the Checkout Now page.

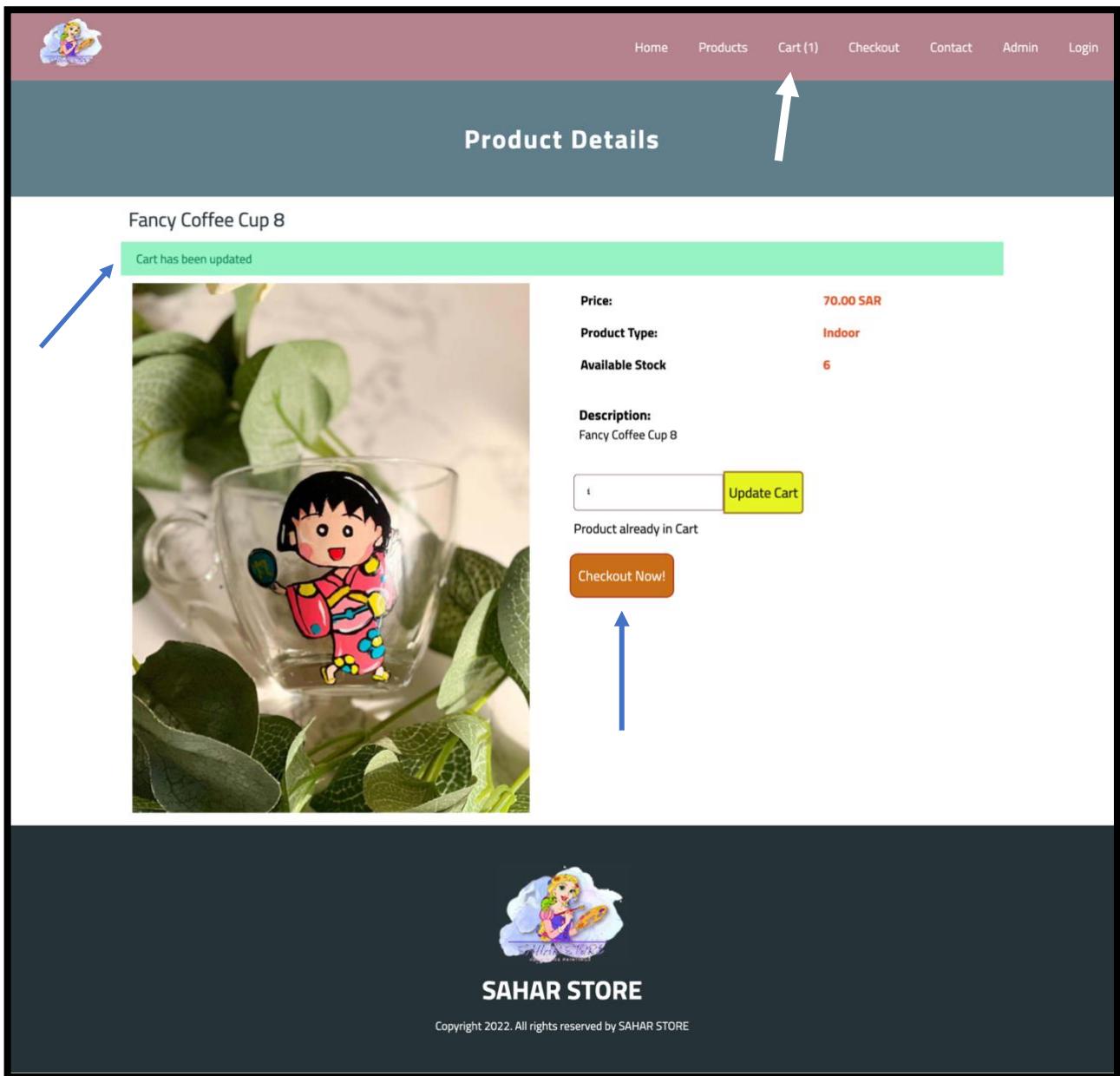
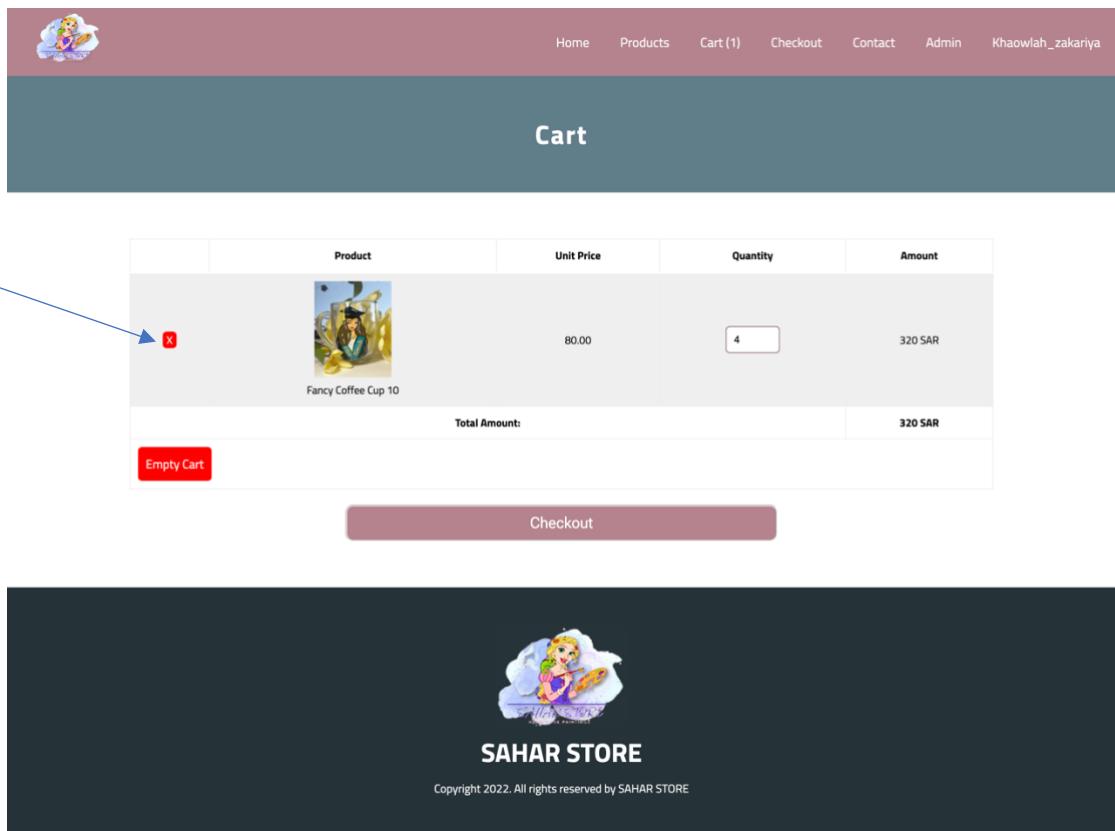


Figure 34 – cases test 5 -add cart

Also, a customer can delete the product if he does not want it by pressing the button



The screenshot shows the SAHAR STORE website's cart page. At the top, there is a navigation bar with links for Home, Products, Cart (1), Checkout, Contact, Admin, and the user's name, Khaowlah\_zakariya. Below the navigation bar, the word "Cart" is centered in a dark blue header. The main content area contains a table with four columns: Product, Unit Price, Quantity, and Amount. The first row of the table shows a product image of a "Fancy Coffee Cup 10", a unit price of 80.00, a quantity of 4, and a total amount of 320 SAR. Below the table, there is a red "Empty Cart" button and a large "Checkout" button. A blue arrow points to the red "X" button located next to the product image in the table.

Product	Unit Price	Quantity	Amount
 Fancy Coffee Cup 10	80.00	4	320 SAR

Total Amount: 320 SAR

Empty Cart

Checkout

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Figure 35 – cases test 6 -Delete product of the cart

- **Checkout**

This page will appear when clicking on the Checkout icon, it will show the user the payment information, the products he selected and the price, and then he can click on the Buy Now icon

The screenshot shows the 'Checkout' page of the SAHAR STORE website. At the top, there is a navigation bar with links for Home, Products, Cart (1), Checkout, Contact, Admin, and Login. The title 'Checkout' is centered above the main content area. Below the title, there is a red link labeled 'Update Cart'. The main content area displays a table of the items in the cart:

Product	Unit Price	Quantity	Amount
 Fancy Coffee Cup B	70.00	4	280 SAR
Total Amount:	280 SAR		

Below the cart table, there is a section titled 'Payment Details' containing the following information:

- Account Name: Saha Moufid Abdel-Wahhab
- Bank Name: Saudi National Bank
- IBAN: SA33 1000 0000 7809 7400 0101
- Accout Number: 00780974000101
- SWIFT bank identification code: NCBKSAJE

There is also a field labeled 'Upload Payment Receipt' with a placeholder text in Arabic: 'لم ي يتم اختيار أي ملفات لتحميل ملفات'.

A large red button at the bottom of the page is labeled 'Buy Now'.

The footer of the page features the store's logo, which is a cartoon character holding a paintbrush, and the text 'SAHAR STORE'. It also includes a copyright notice: 'Copyright 2022. All rights reserved by SAHAR STORE'.

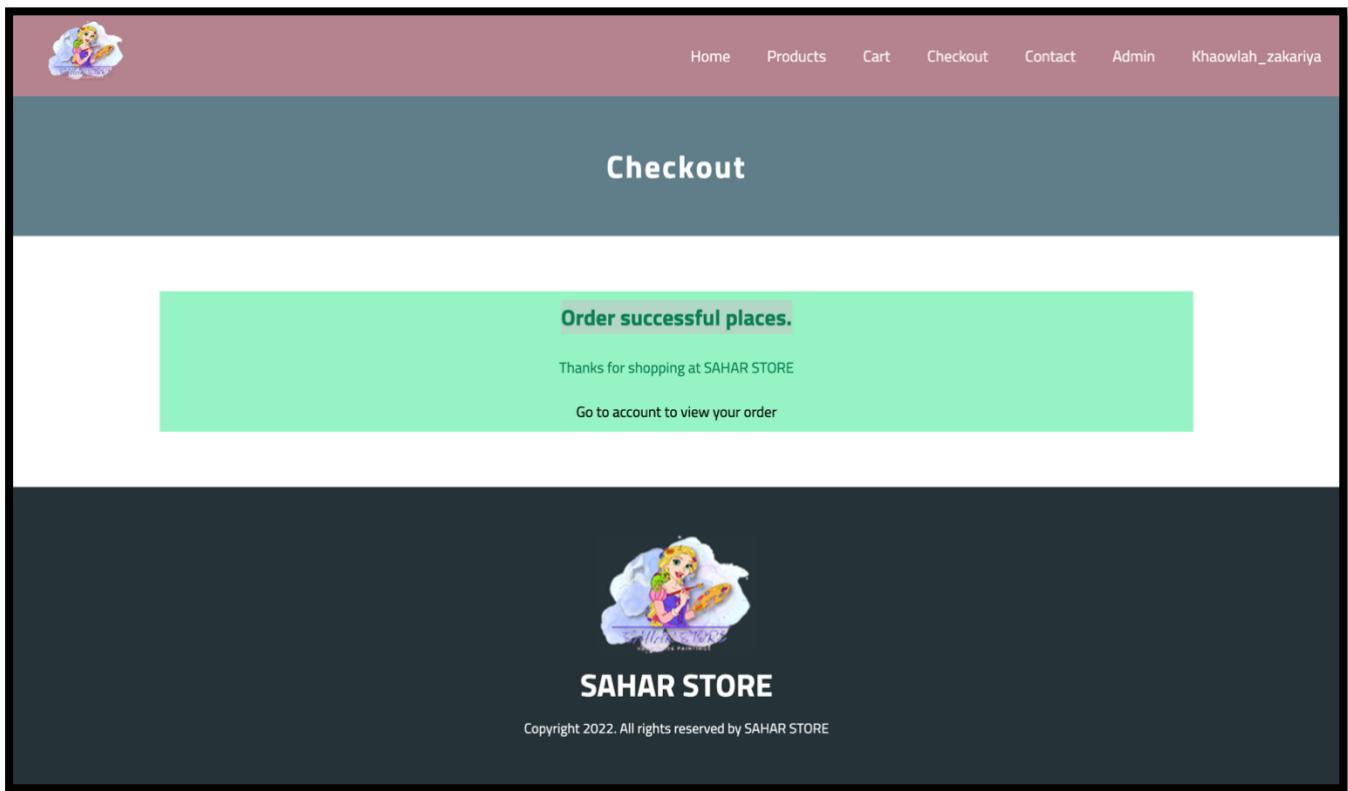


Figure 36 – cases test 7 - Checkout

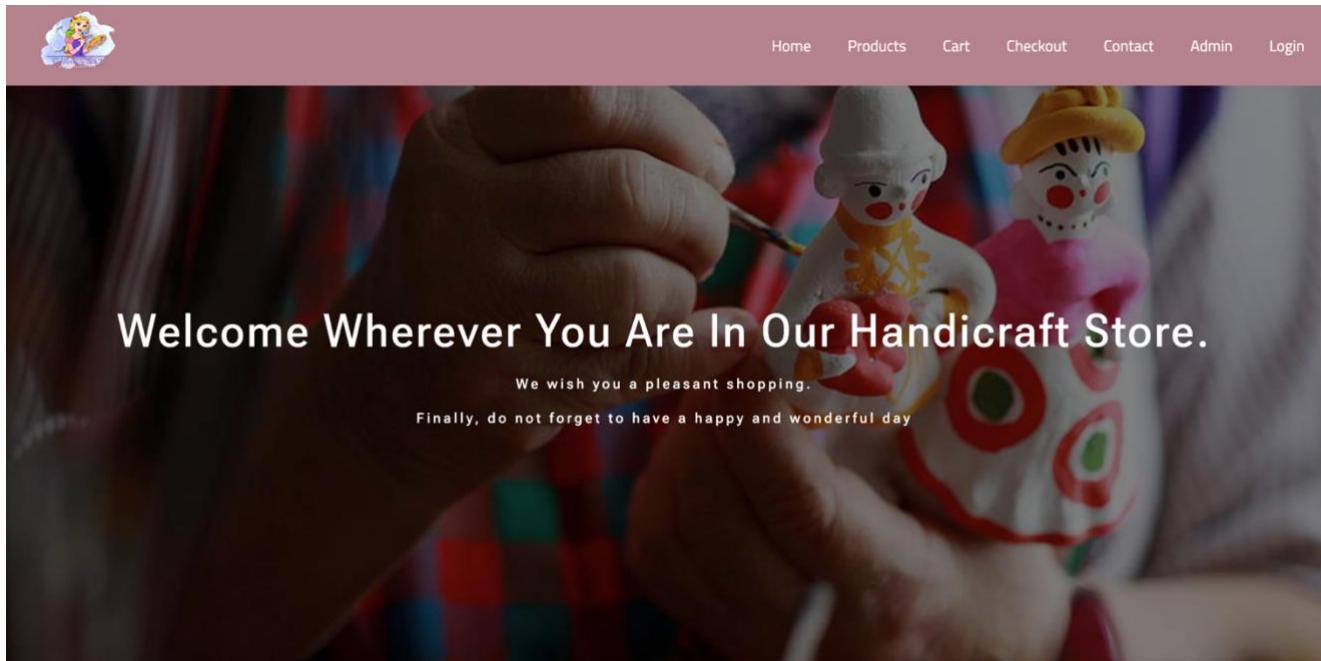
## • Contact

Display address and location map

The screenshot shows a website layout. At the top is a dark red header bar with a logo on the left and navigation links: Home, Products, Cart (1), Checkout, Contact, Admin, and Khaowlah\_zakariya. Below the header is a teal-colored section titled "Contact". To the left of the main content area is a map of a coastal town, likely Jubail, showing various landmarks and roads. To the right is a white contact form with fields for "Your Name", "Your Email", "Phone Number", and "Enter Message", followed by a "Send" button. The footer is black with a logo of a woman in a traditional dress, the text "SAHAR STORE", and a copyright notice: "Copyright 2022. All rights reserved by SAHAR STORE".

Figure 37 – cases test 8 - Contact

- Past purchases



Recent purchase products by you



**Fancy Coffee Cup 1**  
Price: 53.00 SAR



**Fancy Coffee Cup 8**  
Price: 39.99 SAR



Figure 38 – past purchases

- **Authenticate Managers**

When entering the administrator page and trying to log in with a username and password that is not found in the database, an error message appears.

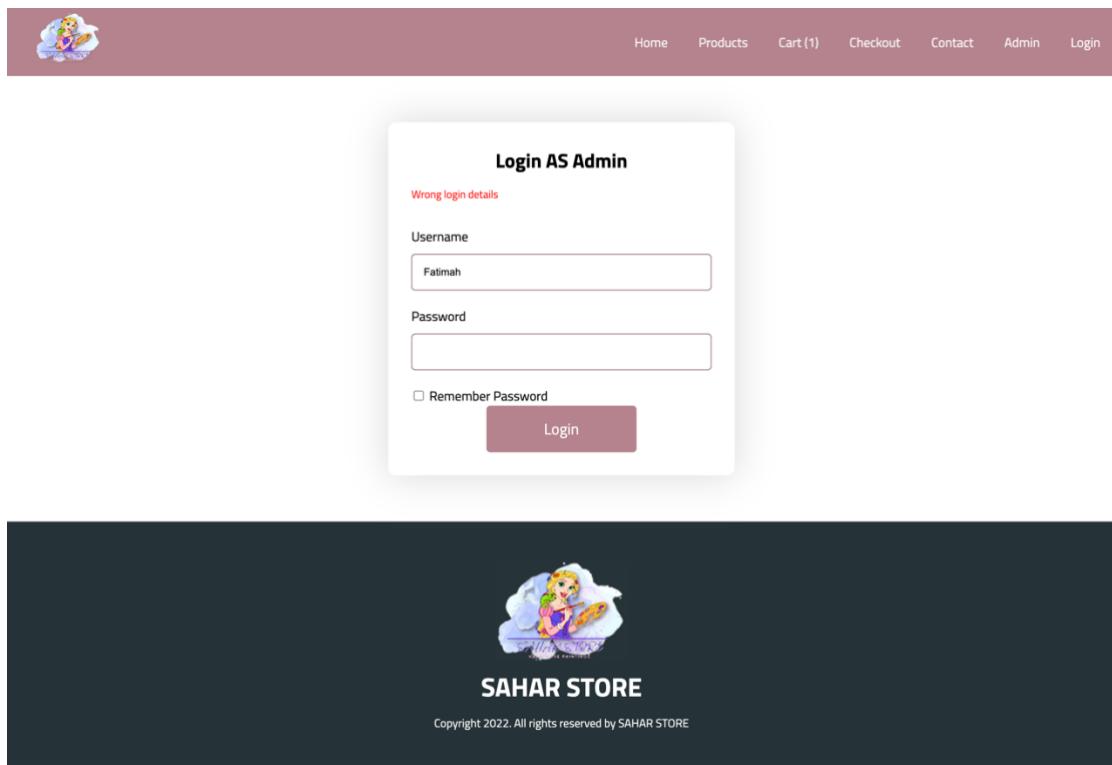


Figure 39 – error massage login admin

When entering with a username and password found in the database, he goes directly to the admin page.

This information is for logging in to the manager's account, that is, the name is **admin** and password is **123456**.



**Login AS Admin**

Username

Password

Remember Password

**Login**

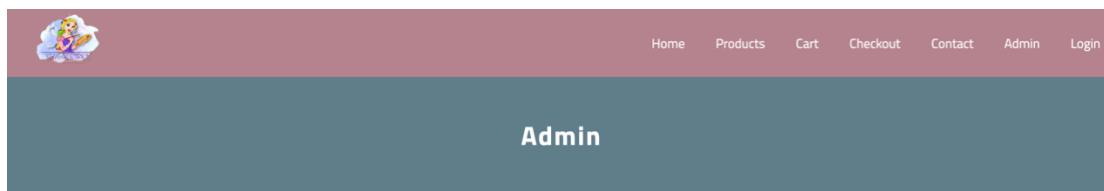
A modal window titled "Login AS Admin" is displayed. It contains fields for "Username" (admin) and "Password" (\*\*\*\*\*), a "Remember Password" checkbox (which is checked), and a "Login" button.

Figure 40 – Correct login admin

- **Login customer**

When the login process requires the customer to enter the name and password, but here the login details appeared wrong because the customer did not say to register an account before, so he must first register an account

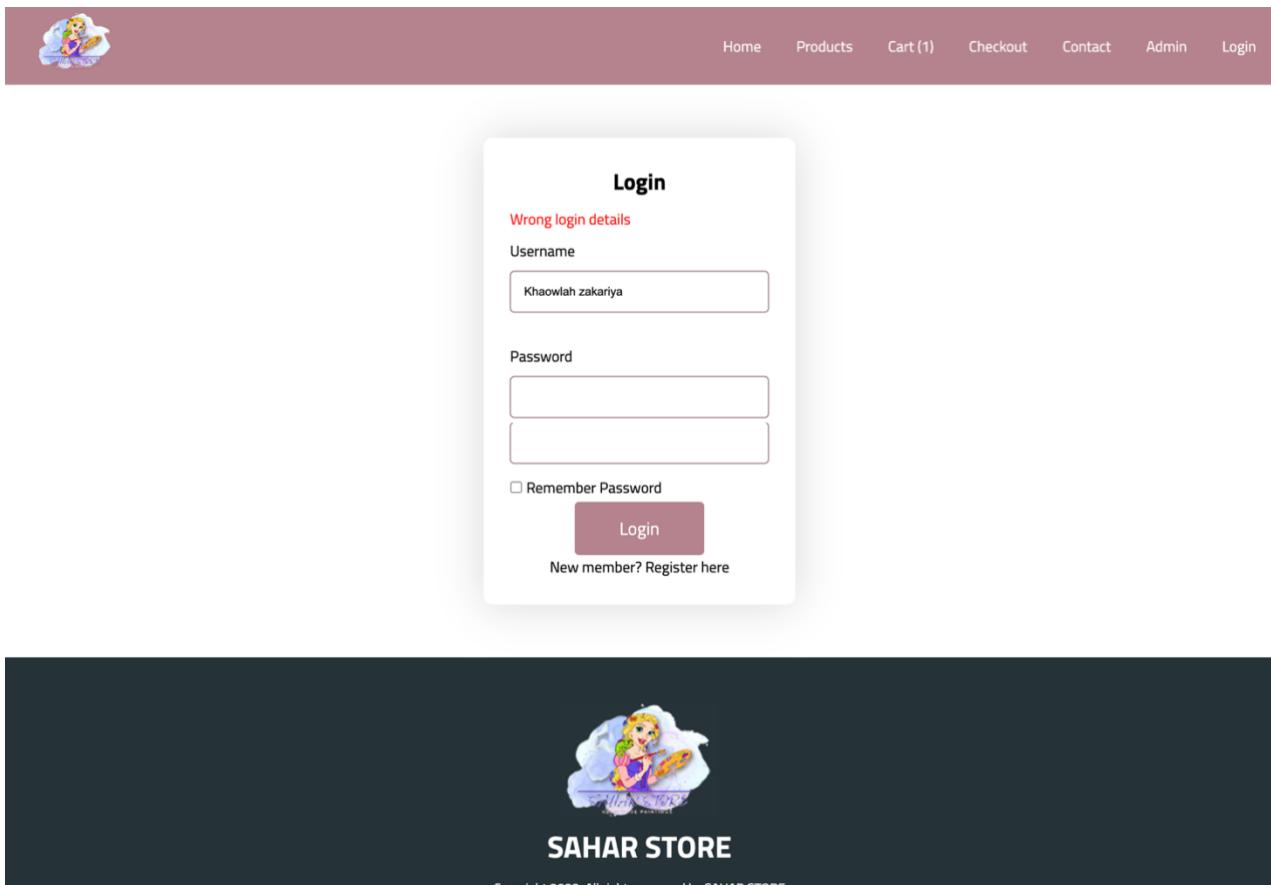


Figure 41 – error login customer

- **Register customer**

When entering data on the registration page

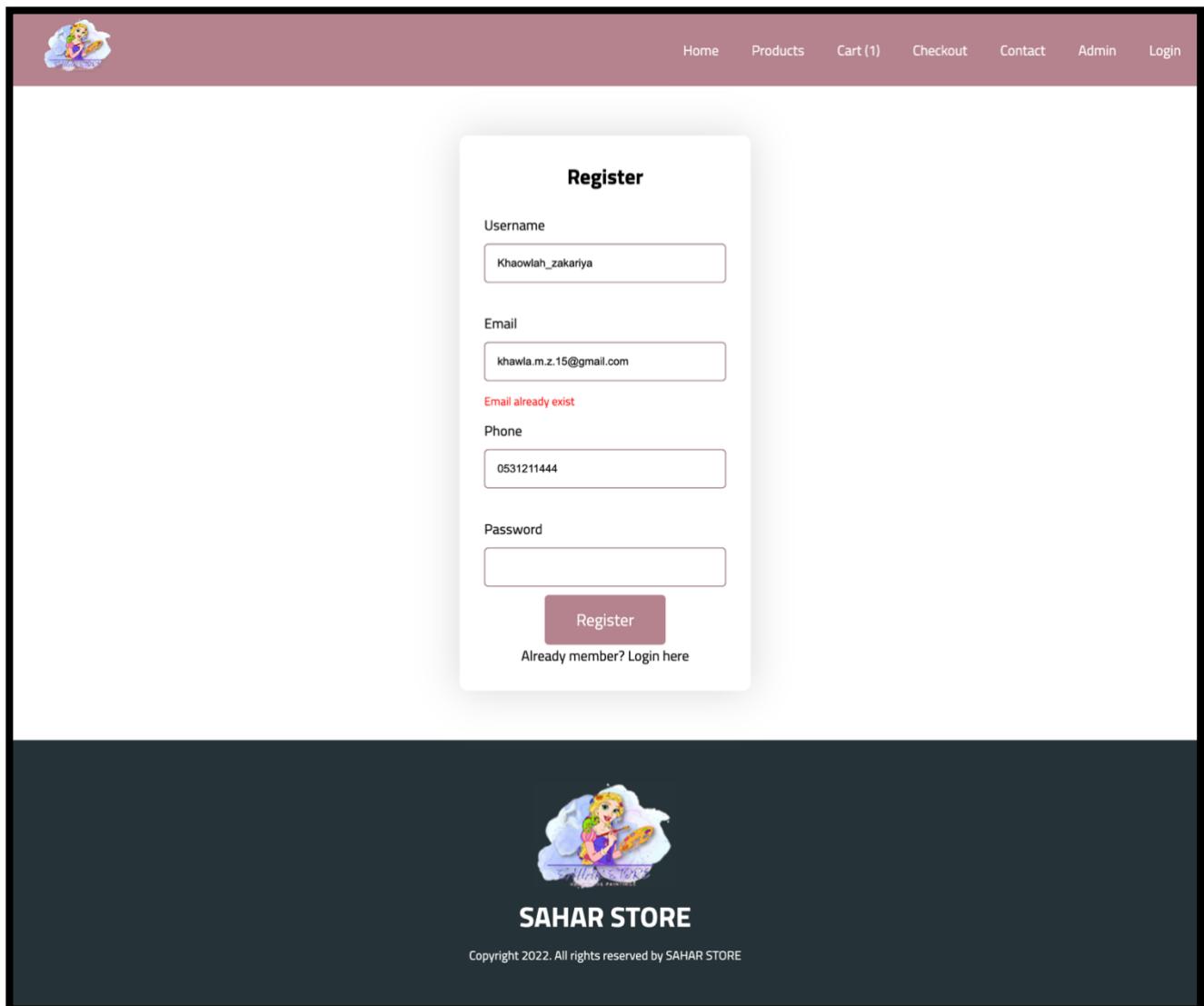
The screenshot shows the registration page of the SAHAR STORE website. At the top, there is a navigation bar with links for Home, Products, Cart (1), Checkout, Contact, Admin, and Login. On the left side of the page, there is a logo of a woman holding a tray with food items. The main content area has a white background and features a registration form titled "Register". The form includes fields for Username (Khaowlah zakariya), Email (khawla.m.z.15@gmail.com), Phone (0531211444), and Password (represented by four asterisks). Below the password field is a red "Register" button. At the bottom of the form, there is a link for "Already member? Login here".

SAHAR STORE

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Figure 42 – Register

Well, here an error message appeared, and the reason is that I previously registered with the same email, so I will put another email to complete the registration process



The screenshot shows a registration page on the SAHAR STORE website. At the top, there's a navigation bar with links for Home, Products, Cart (1), Checkout, Contact, Admin, and Login. On the left side of the page, there's a logo of a woman in a blue dress. The main content area has a light gray background and features a registration form titled "Register". The form includes fields for "Username" (containing "Khaowlah\_zakariya"), "Email" (containing "khawla.m.z.15@gmail.com"), "Phone" (containing "0531211444"), and "Password" (an empty field). Below the "Email" field, a red error message says "Email already exist". At the bottom of the form is a purple "Register" button. Below the form, a link says "Already member? Login here". At the very bottom of the page, there's a dark footer section with the "SAHAR STORE" logo, which features a woman holding a tray with food, and the text "SAHAR STORE" and "Your Local Deli". The footer also includes a copyright notice: "Copyright 2022. All rights reserved by SAHAR STORE".



Home Products Cart (1) Checkout Contact Admin Login

## Register

Username

Khaowlah\_zakariya

Email

khaowla-zakariya@gmail.com

Phone

0531211444

Password

.....

Register

Already member? [Login here](#)



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After the registration process, a message appeared to the user stating that the registration process was completed successfully and that he can log in now



**Register**

Account Created successfully. You can now login

Username

Email

Phone

Password

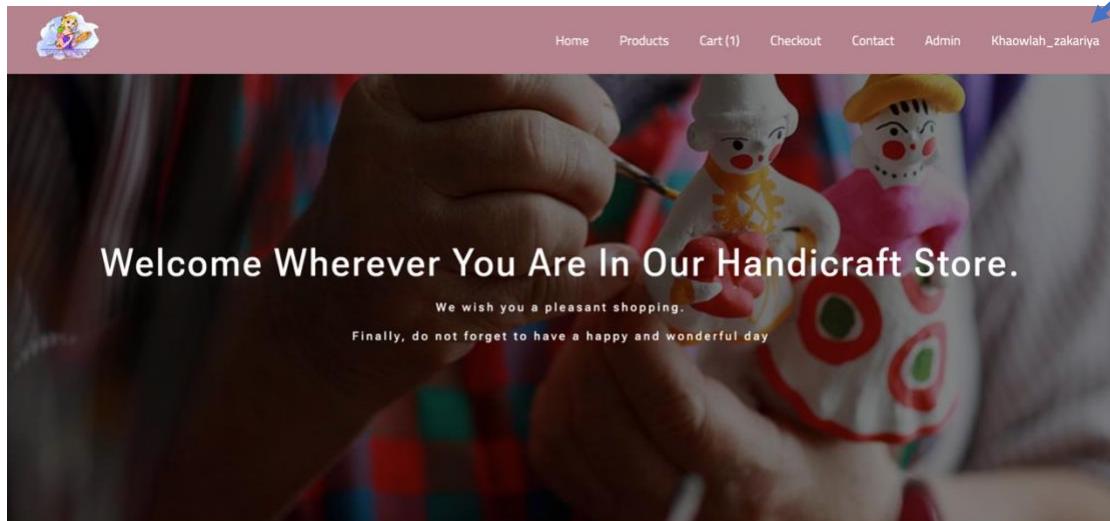
**Register**

Already member? [Login here](#)



Now, after the registration process, you can log in and complete the purchase process





Recent purchase products by you

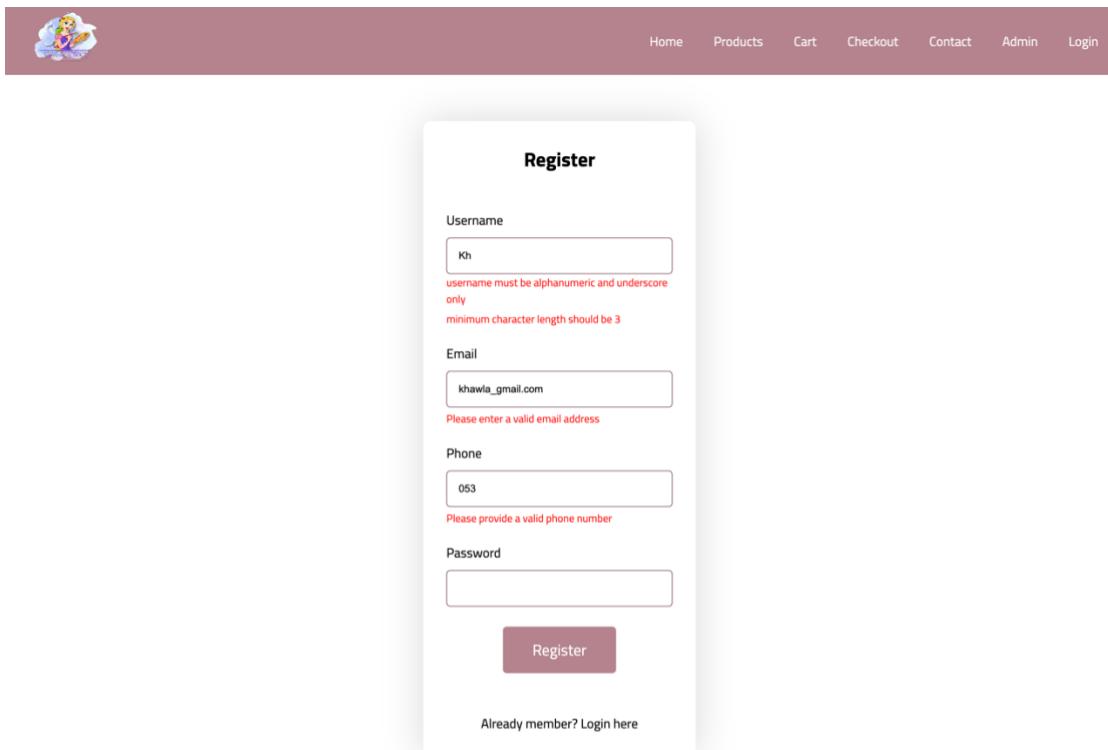
	
<b>Fancy Coffee Cup 1</b>	<b>Fancy Coffee Cup 8</b>
Price: 80.00 SAR	Price: 70.00 SAR



## • Forms Validation

We use JavaScript when validating Almost all the forms as an example in Resister page

- When the user does not enter the information correctly, an error message appears, and he must fill in the information in full to be able to create the account.



The screenshot shows a registration form titled "Register". The form fields and their validation errors are:

- Username:** Input field contains "Kh". Error message: "username must be alphanumeric and underscore only" and "minimum character length should be 3".
- Email:** Input field contains "khawla\_gmail.com". Error message: "Please enter a valid email address".
- Phone:** Input field contains "053". Error message: "Please provide a valid phone number".
- Password:** Input field is empty.

A "Register" button is at the bottom. Below the form, a link says "Already member? Login here".



The footer of the website features a logo of a woman holding a paintbrush, with the text "SAHAR STORE" and "Copyright 2022. All rights reserved by SAHAR STORE".

Figure 43 – Validating resister page



**Login**

Username  
 minimum character length should be 3

Password

Remember Password

**Login**

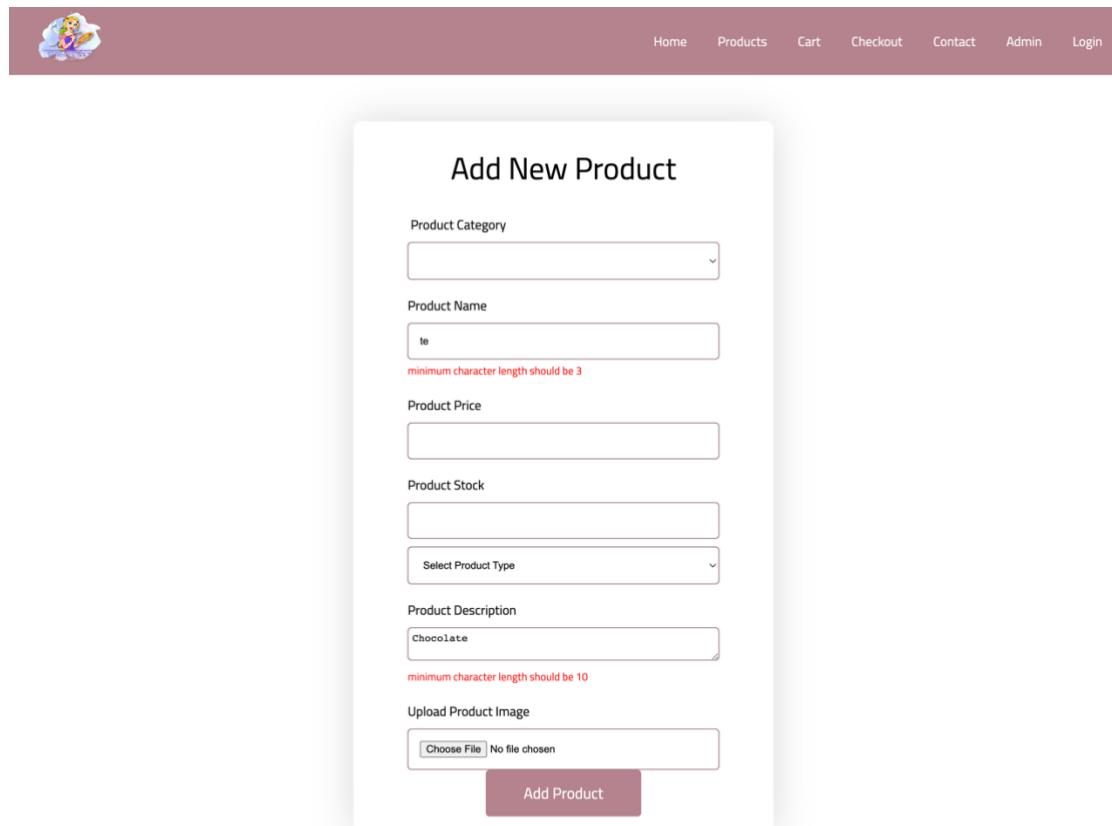
New member? Register here



Figure 44 – Validating login page

We use JavaScript when validating Almost all the forms as an example in Add Product Page

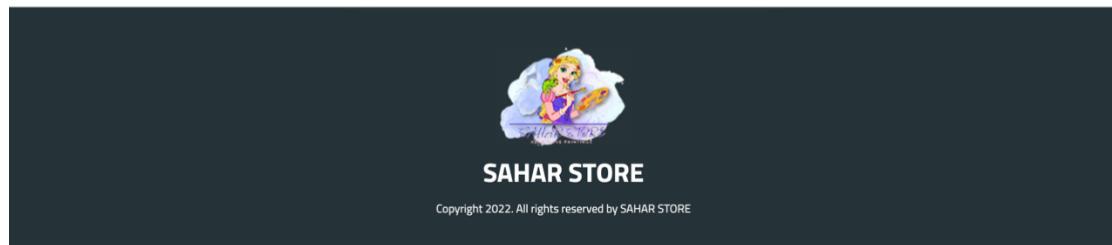
-When the admin not enter the information correctly, an error message appears.



The screenshot shows the 'Add New Product' form on a website. The form fields and their current values are:

- Product Category: A dropdown menu.
- Product Name: A text input field containing "te". Below it, a red validation message says "minimum character length should be 3".
- Product Price: An empty text input field.
- Product Stock: An empty text input field.
- Select Product Type: A dropdown menu.
- Product Description: A text input field containing "Chocolate". Below it, a red validation message says "minimum character length should be 10".
- Upload Product Image: A file input field labeled "Choose File" with "No file chosen".

A large red button at the bottom right of the form is labeled "Add Product".



The footer of the website is dark blue and contains the following elements:

- A logo featuring a cartoon character in a cloud-like shape.
- The text "SAHAR STORE" in white capital letters.
- The text "Copyright 2022. All rights reserved by SAHAR STORE" in small white font.

Figure 45 – Validating Add new page

A pop-up window shows information about the product.

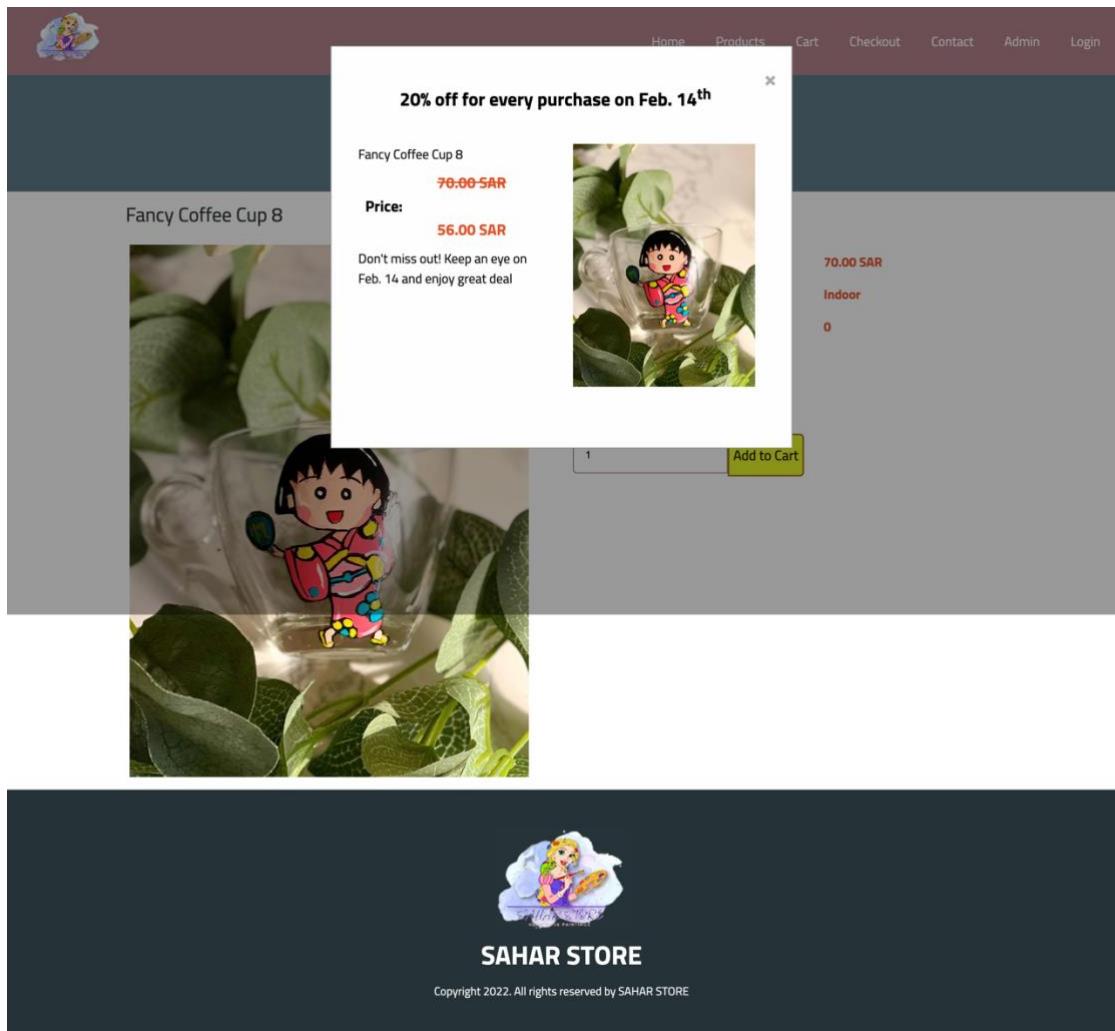


Figure 46 – pop-up window

- **Fulfilled requirements (specify tasks that work properly, tasks that you tried but didn't succeed and tasks that you haven't done).**

Task	Haven't done	Tried but didn't succeed	Work properly	External codes
Database design			<input checked="" type="checkbox"/>	
Web Design			<input checked="" type="checkbox"/>	Slide show photos
Display Products.			<input checked="" type="checkbox"/>	Bootstrap
Display Product Details			<input checked="" type="checkbox"/>	
Add to Cart			<input checked="" type="checkbox"/>	
Checkout			<input checked="" type="checkbox"/>	
Buy			<input checked="" type="checkbox"/>	
Authenticate Managers			<input checked="" type="checkbox"/>	
Add New Product and modify and delete and search			<input checked="" type="checkbox"/>	
Display address and location map			<input checked="" type="checkbox"/>	By using map generator: <a href="https://googlemapgenerator.com/">https://googlemapgenerator.com/</a>
Past purchases			<input checked="" type="checkbox"/>	
Help window			<input checked="" type="checkbox"/>	
Accessibility			<input checked="" type="checkbox"/>	
Efficiency			<input checked="" type="checkbox"/>	

- **Conclusion**

We have learned through working this project how to implement a website with all the functionalities that will help users using this website, by using (HTML, PHP, JavaScript, etc.) To archive the main idea which is display Sahar shop, buy a product, the user can by and see last preaches, and more.