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Web Based Systems Projects

For

[Ateyq Website]



CS Year 4, G5

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Table of contents

Contents

1. Introduction	5
2. Ateyq interfaces.....	5
2.1 Ateyq Homepage interface.....	5
2.3 SIGN IN interface	7
2.4 SIGN UP Interface	8
2.5 USERPROFILE Interface	8
3. Products	9
3.1 TEA interface	9
3.2 CUPS Interface.....	9
3.3 MAGAZAINES Interface	10
3.4 HANDMADE Interface	10
4. Contact Us Interface	11
5. Checkout interface.....	14
5.1 Shopping cart	14
5.2 Payment Details	14
5.3 Done	15
6. Database of ateyq.....	16
6.1 Product table:	16
6.2 Pay table:.....	17
6.3 Contact us table:.....	17
6.4 Cart_data table:	18
7. Tables	18
7.1 Cart Table.....	18
Table 1: Cart Table	18
7.2 Products Table.....	18
Table 3: Product Table.....	18
7.3 Sign in Table	19
Table 3: Sign in Table.....	19
7.4 Sign up Table	19
Table 4: Sign up Table.....	19
7.5 user Table	19
Table 5: User Table	19
8. ER Design.....	20
9. Fulfilled Requirements	21
10. Testing Case	22
11. Conclusion.....	24

Table of Figures

Figure 1 Ateyq Homepage interface	5
Figure 2 About Us interface	6
Figure 3.....	6
Figure 4.....	7
Figure 5 SIGN IN interface	7
Figure 6 SIGN UP Interface	8
Figure 7 USERPROFILE Interface	8
Figure 8 TEA interface	9
Figure 9 CUPS Interface.....	9
Figure 10 MAGAZAINES Interface	10
Figure 11 HANDMADE Interface	10
Figure 12 Contact Us Interface.....	11
Figure 13.....	11
Figure 14.....	12
Figure 15.....	12
Figure 16.....	13
Figure 17 Shopping cart	14
Figure 18 Payment Details.....	14
Figure 19 Done	15
Figure 20 Ateyq database	16
Figure 21 Proudct table.....	16
Figure 22 Pay table	17
Figure 23 Contact us table	17
Figure 24 Cart_data table.....	18
Figure 25 ER Design	20
Figure 26.....	22
Figure 27.....	22
Figure 28.....	23
Figure 29.....	23

1. Introduction

This project aims on designing and developing a website using HTML, CSS, PHP and JavaScript for a local store called “Ateyq”, which is a store that sells elegant products such as handmade cups and plates as well as vintage products. The developed website will provide customers with flexibility during the processes of viewing the product and past purchase. Also, the developed website will allow customers to send their feedback or any concerns by using the designed contact page.

2. Ateyq interfaces

The purpose of this section is to list all the pages of the Ateyq website along with their functions

2.1 Ateyq Homepage interface

In the main page of the Ateyq website, there is a content bar on the top right of the page that is classified according to the sections of the entire Ateyq site, followed by all the products that the site is offering to its visitors in the center of the page, "cups, handmade, magazines and tea".

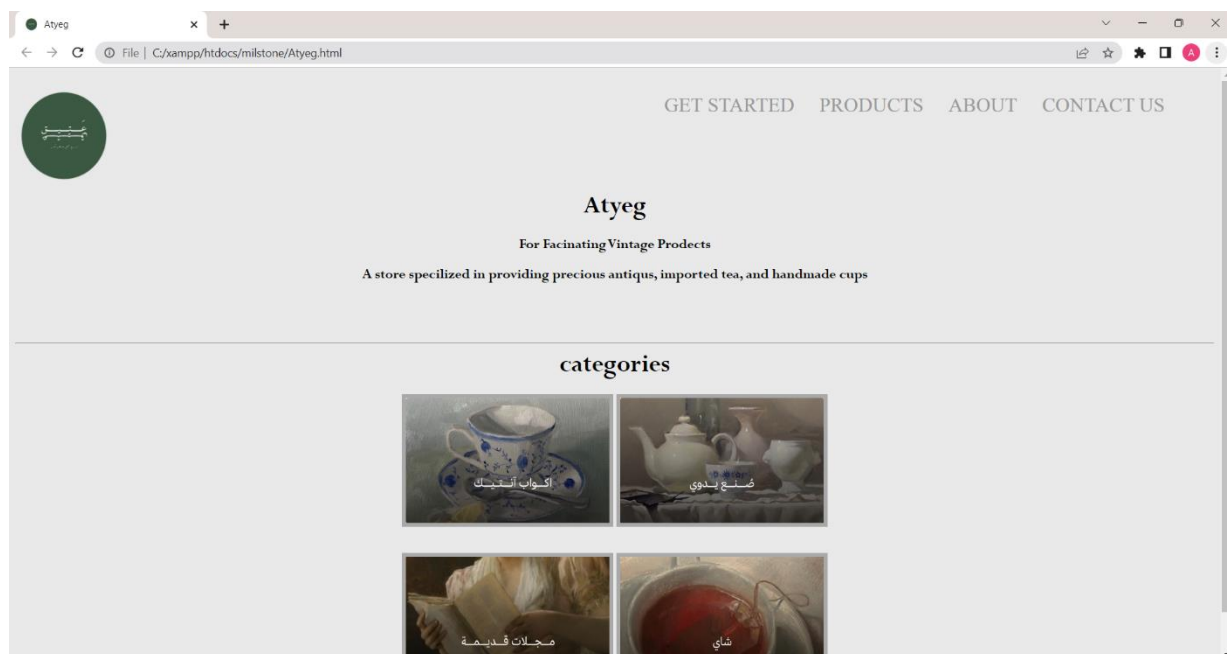


Figure 1 Ateyq Homepage interface

2.2 About Us interface

In the About us page of there is a description of atyeg and explanation of antic, Also Exchange and return policy that user should know, in addition Intellectual property rights.

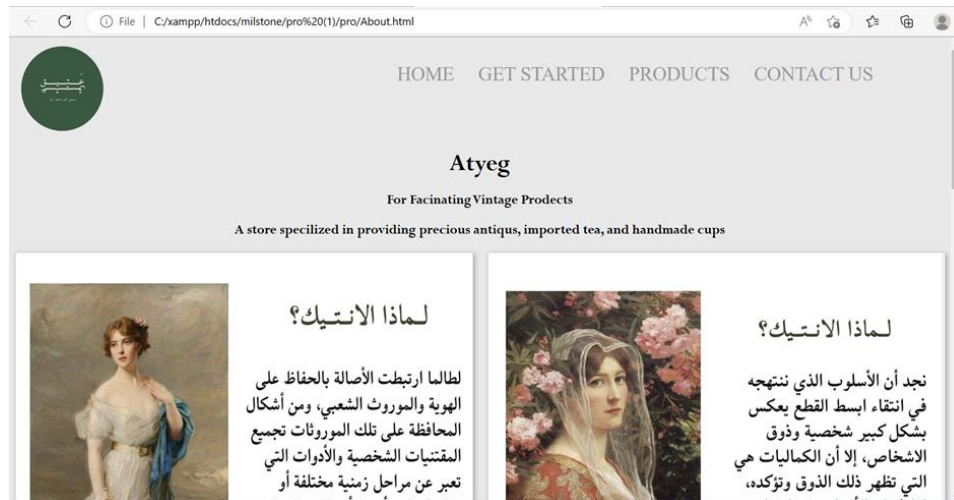


Figure 2 About Us interface



Figure 3

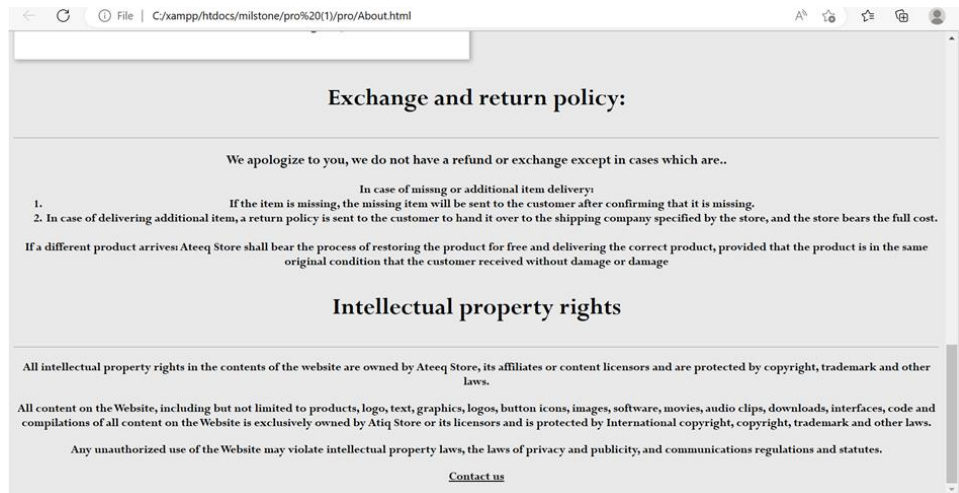


Figure 4

2.3 SIGN IN interface

It is imperative that the user logs in through the “sign in” page in order for him to be able to have a realistic shopping experience.

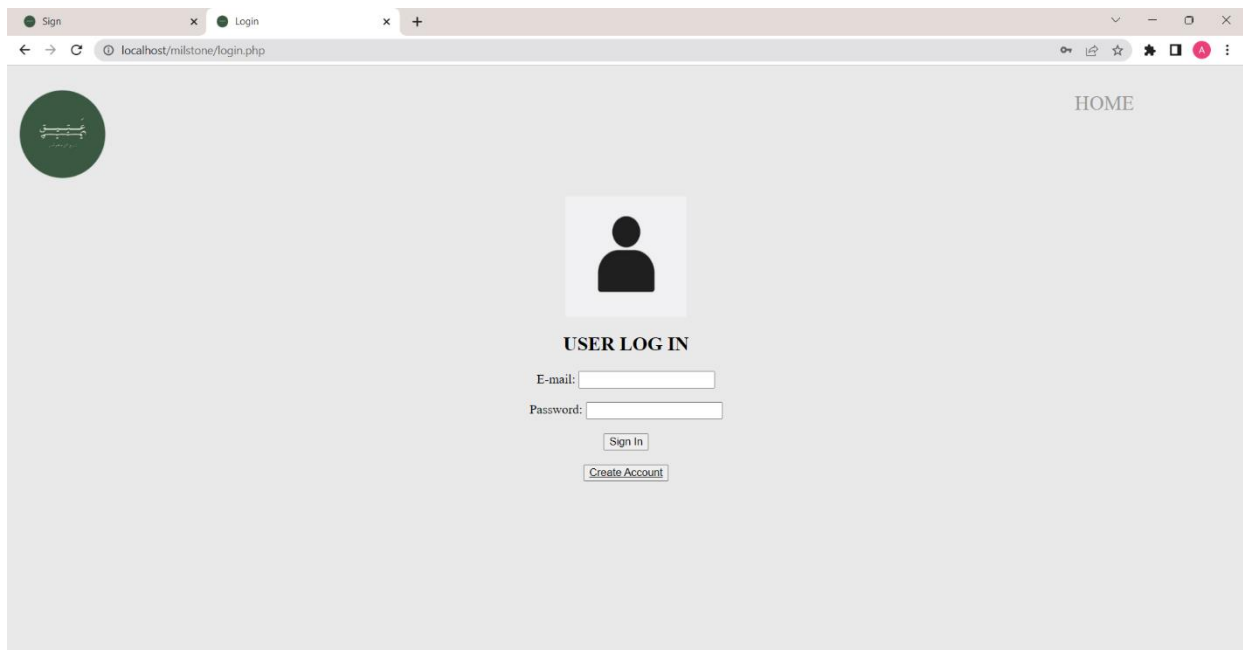
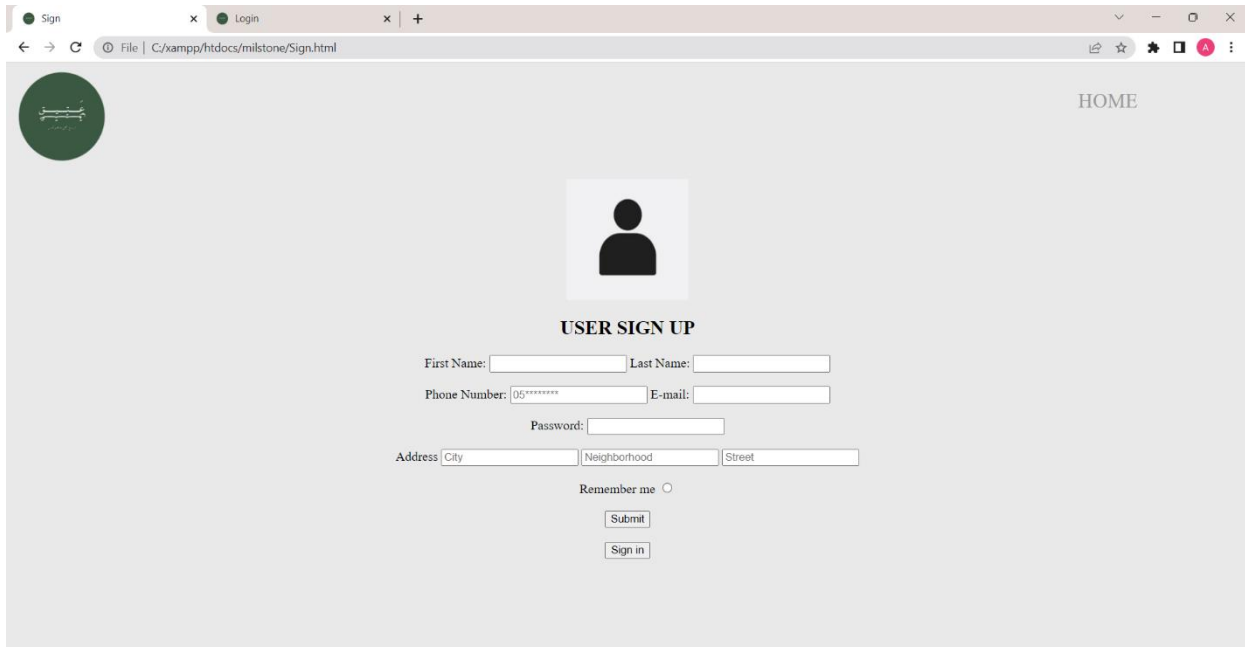


Figure 5 SIGN IN interface

2.4 SIGN UP Interface

The user has the option to create an account if he or she does not have an account on the website. The information entered by the user will be stored in the database using PHPmyAdmin.

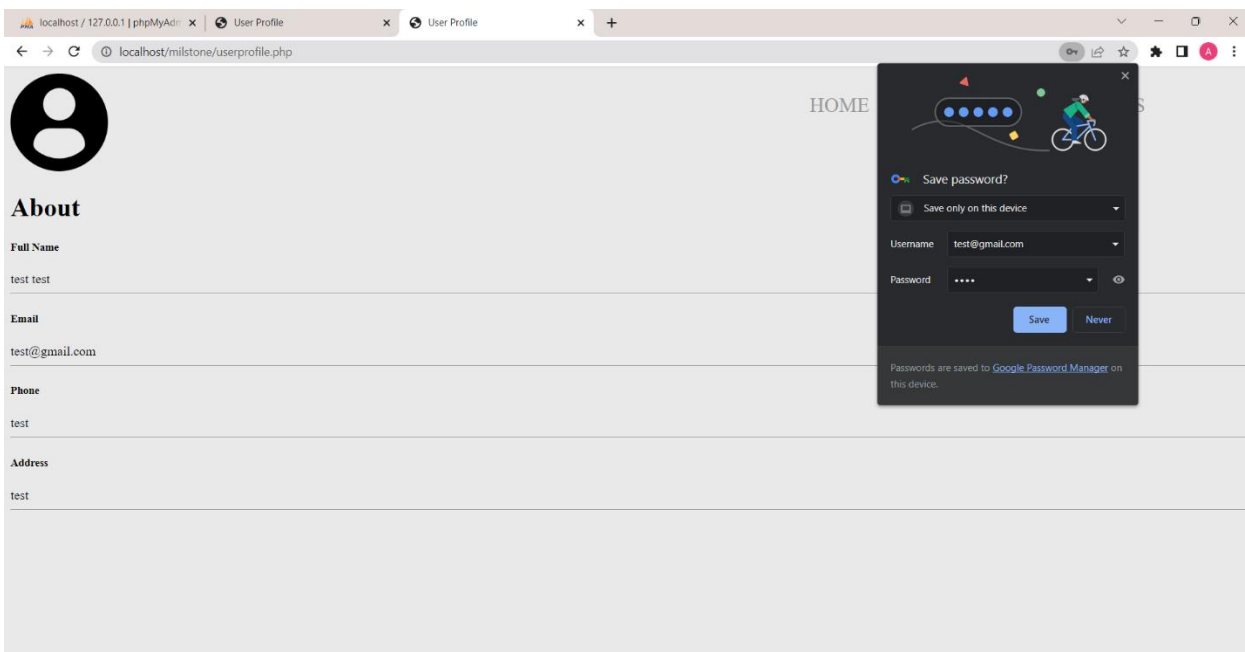


The screenshot shows a web browser window with two tabs: 'Sign' and 'Login'. The address bar shows the file path 'C:/xampp/htdocs/milestone/Sign.html'. The page has a 'HOME' link in the top right corner. In the center, there is a 'USER SIGN UP' form. The form includes input fields for 'First Name', 'Last Name', 'Phone Number' (with a pre-filled '05*****'), 'E-mail', 'Password', and a split 'Address' field with sub-fields for 'City', 'Neighborhood', and 'Street'. Below the address field is a 'Remember me' checkbox and two buttons: 'Submit' and 'Sign in'.

Figure 6 SIGN UP Interface

2.5 USERPROFILE Interface

A user's profile information will be saved using PHP after they log in to their account and sign up on the "UserProfile" page after entering the data.



The screenshot shows a web browser window with two tabs: 'User Profile' and 'User Profile'. The address bar shows the URL 'localhost/milestone/userprofile.php'. The page features a large circular profile picture placeholder and the heading 'About'. Below this, there are several input fields for profile information: 'Full Name' (with 'test test' entered), 'Email' (with 'test@gmail.com' entered), 'Phone' (with 'test' entered), and 'Address' (with 'test' entered). A 'Save password?' dialog box is overlaid on the right side of the page, showing the username 'test@gmail.com' and a masked password. The dialog has 'Save' and 'Never' buttons. At the bottom of the dialog, it says 'Passwords are saved to Google Password Manager on this device.'

Figure 7 USERPROFILE Interface

3. Products

Ateyq website offers four main categories of products, which are: tea, cups, magazines, and handmade items and there is also an "Add to Cart" button that, when the user selects a product, it will automatically be added to the cart.

3.1 TEA interface

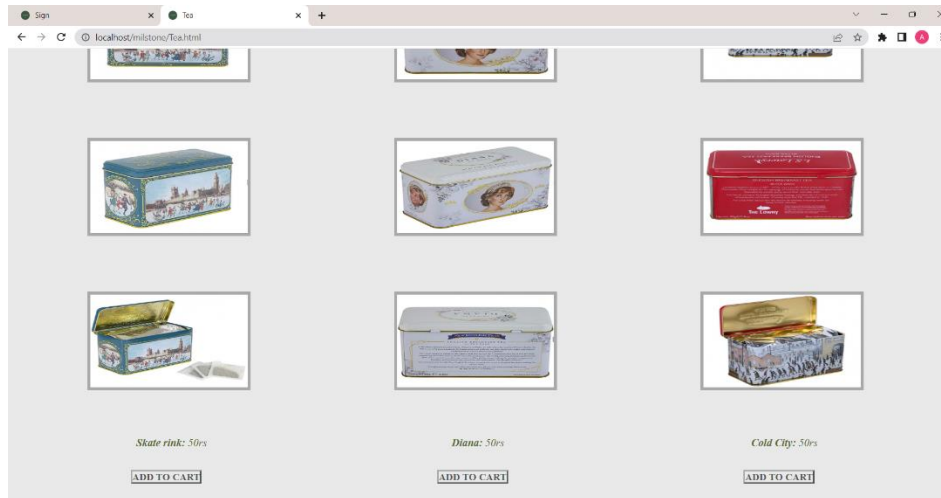


Figure 8 TEA interface

3.2 CUPS Interface

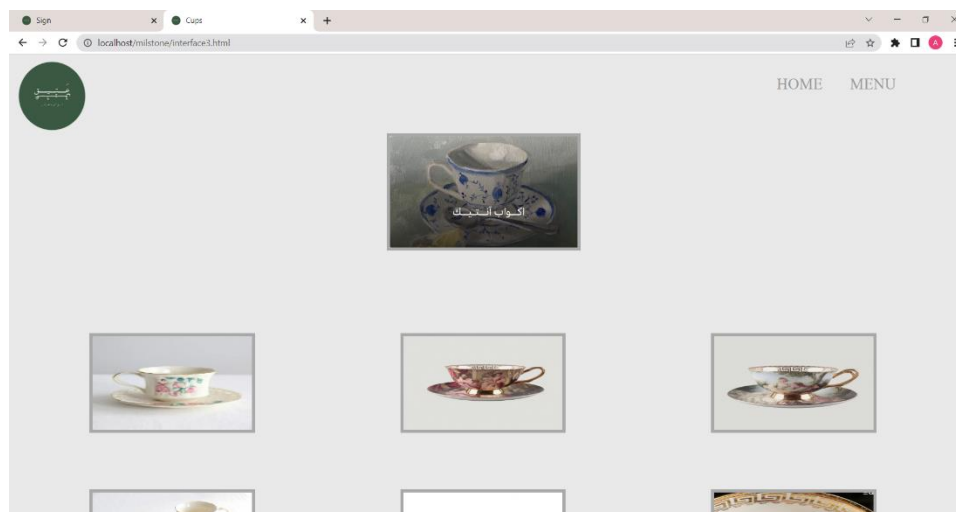


Figure 9 CUPS Interface

3.3 MAGAZINES Interface

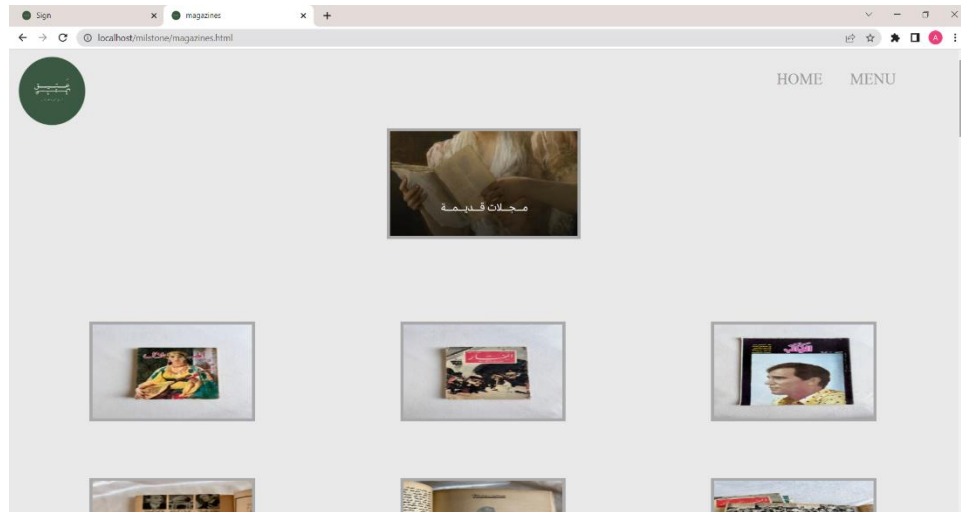


Figure 10 MAGAZINES Interface

3.4 HANDMADE Interface

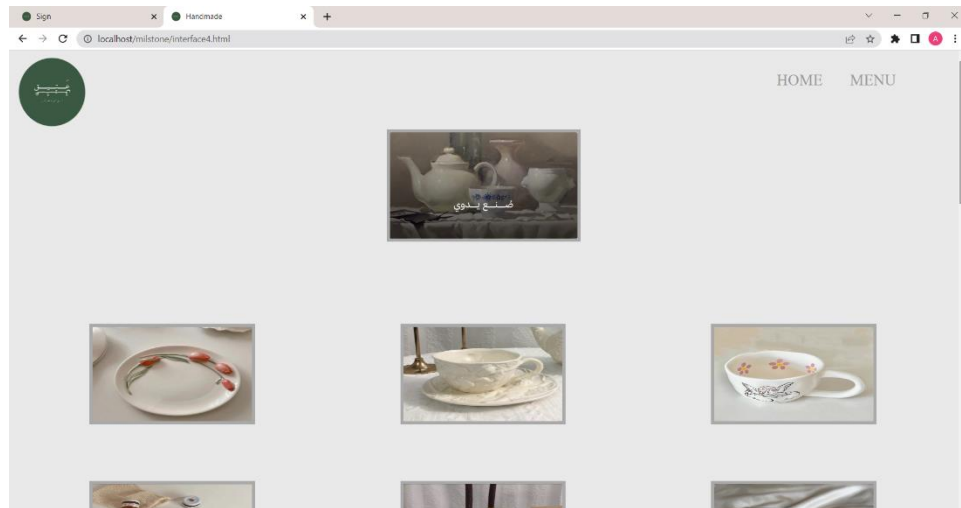


Figure 11 HANDMADE Interface

4. Contact Us Interface

Ateyq website enable user to contact with the owner by contact page user will enter all information then there is text area he will write problem that he want to solve by owner . there is "Submit" button that, when the user finish write his message, it will click on it then it will sends.

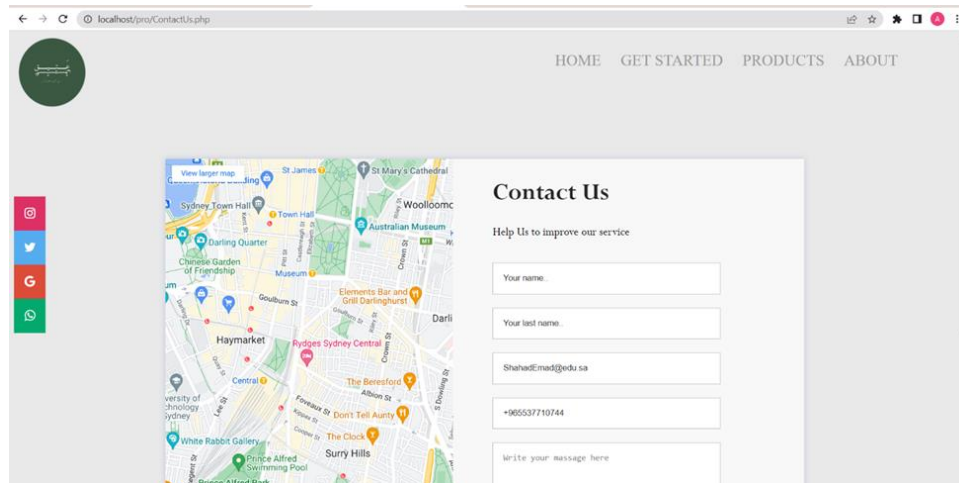


Figure 12 Contact Us Interface

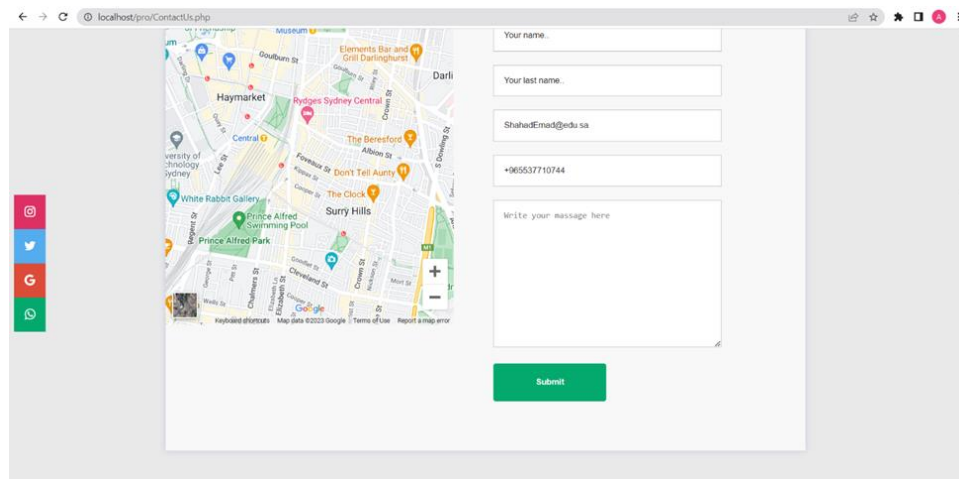


Figure 13

If user fill the blank with correct information, it will show message that message was received figure below show the message

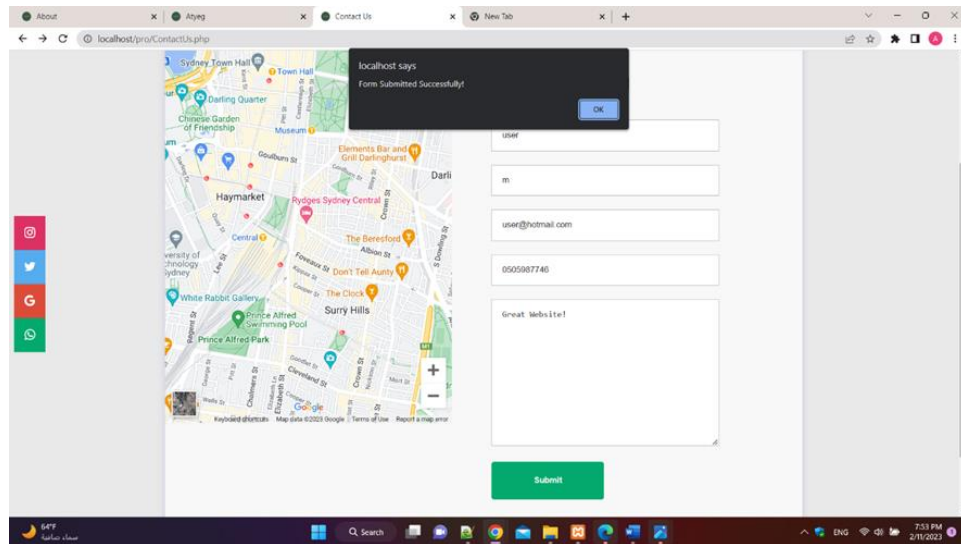


Figure 14

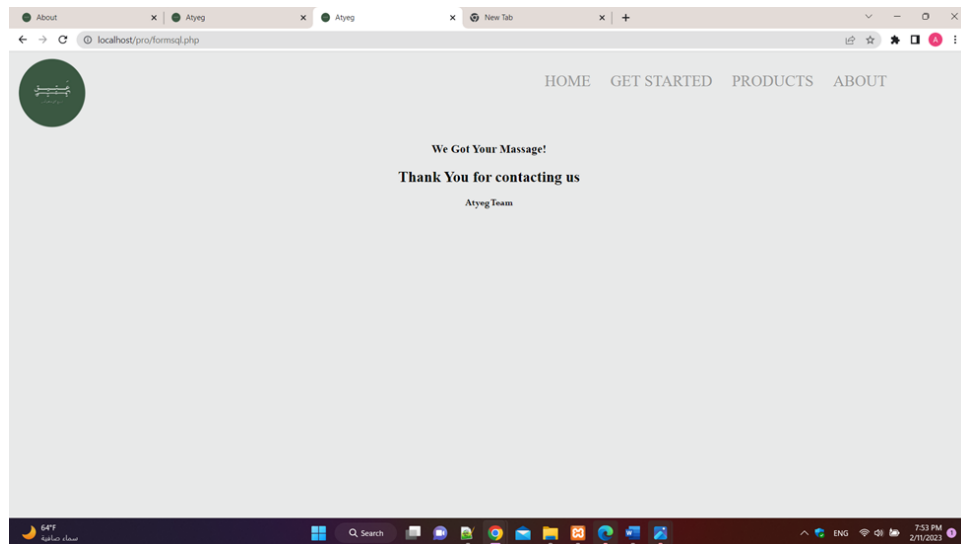


Figure 15

If user fill the blank with wrong information, it will show message figure below show the message

The screenshot shows a web browser window with the address bar displaying 'localhost/pro/ContactUs.php'. The page layout includes a sidebar on the left with social media icons for Instagram, Twitter, Google+, and WhatsApp. The main content area is divided into two sections. The left section features a Google Map of Sydney, Australia, with various landmarks and streets labeled. The right section contains a contact form titled 'Help Us to improve our service'. The form has a red header bar with the text 'Please Enter valid Phone Number'. Below this, there are four input fields: a text field for 'user', a text field for 'm', a text field for 'user@hotmail.com', and a text field for '+90509999999'. A green 'Submit' button is located at the bottom of the form. The browser's status bar at the bottom shows the system clock as 7:48 PM on 2/10/2023.

Help Us to improve our service

Please Enter valid Phone Number

user

m

user@hotmail.com

+90509999999

Great Website!

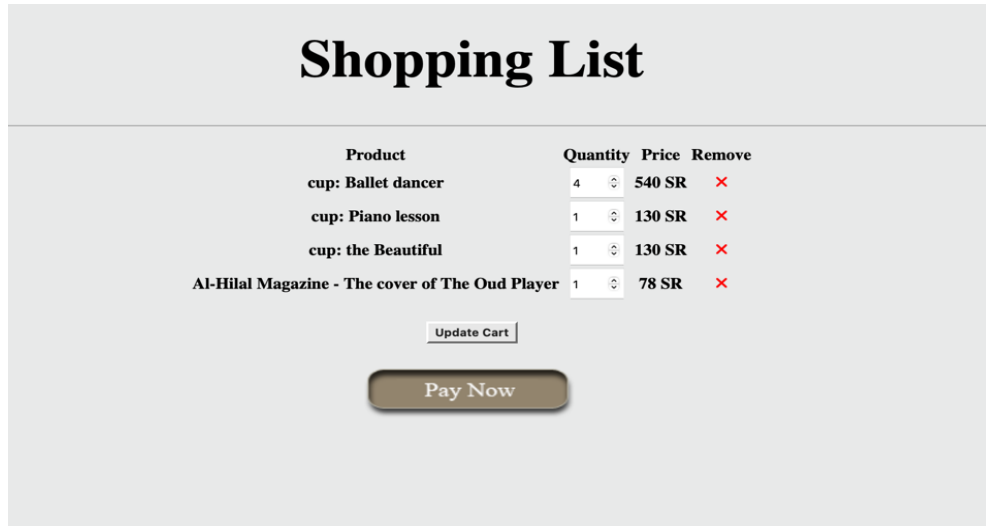
Submit

Figure 16

5. Checkout interface

5.1 Shopping cart

The activity selected by the user will appear on the shopping cart page, in addition to determining the quantity, the total will be calculated based on this quantity.



The Shopping List interface displays a table with the following items:

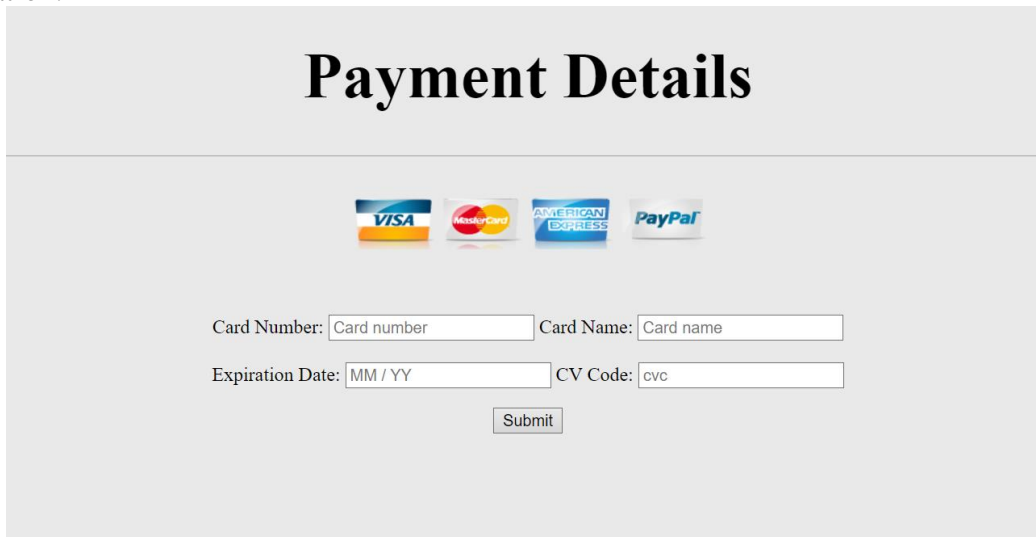
Product	Quantity	Price	Remove
cup: Ballet dancer	4	540 SR	✗
cup: Piano lesson	1	130 SR	✗
cup: the Beautiful	1	130 SR	✗
Al-Hilal Magazine - The cover of The Oud Player	1	78 SR	✗

Below the table, there is an "Update Cart" button and a "Pay Now" button.

Figure 17 Shopping cart

5.2 Payment Details

To complete the payment process and move to the next page, you must complete all the required information.



The Payment Details interface shows logos for VISA, MasterCard, AMERICAN EXPRESS, and PayPal. Below the logos, there are input fields for Card Number, Card Name, Expiration Date, and CV Code, followed by a Submit button.

Card Number: Card Name:

Expiration Date: CV Code:

Figure 18 Payment Details

5.3 Done

After completing the payment and confirmation, this page will appear and when you click on "Back to Home", it will move to the home page.

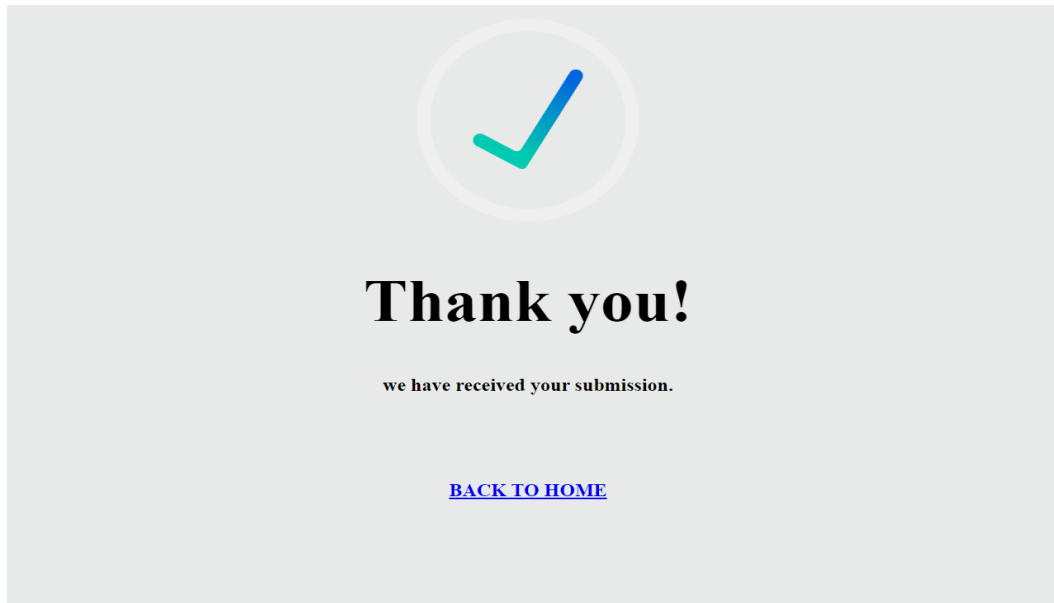
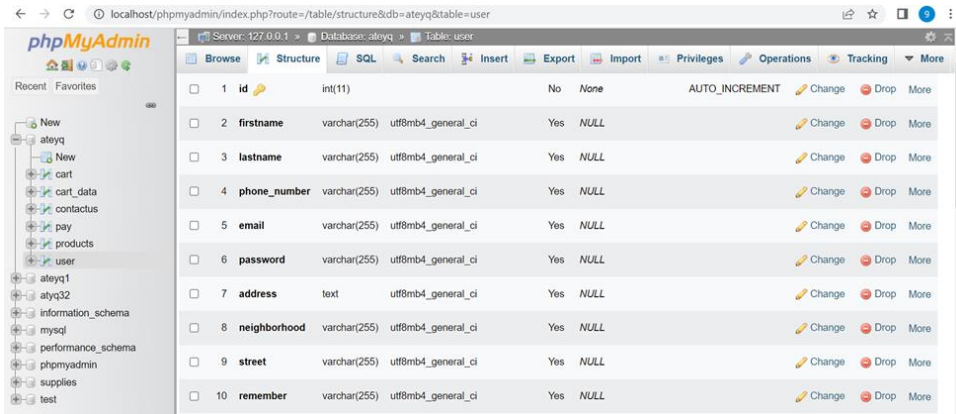


Figure 19 Done

6. Database of ateqy

Ateyq database it contains 5 tables that store data that processed by Ateyq pages

User table : Stores information of user , id (Primry key) , first name , last name , phone number , email , password , address , neighborhood, street , remember .

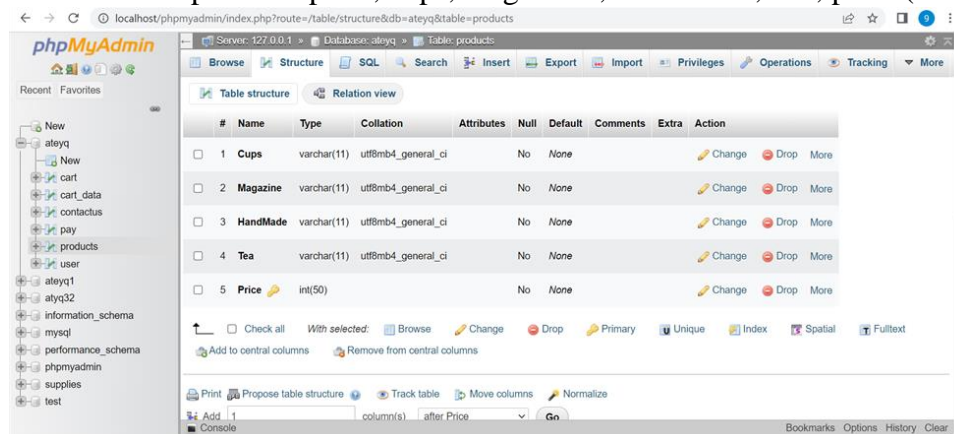


#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	firstname	varchar(255)	utf8mb4_general_ci		Yes	NULL			Change Drop More
3	lastname	varchar(255)	utf8mb4_general_ci		Yes	NULL			Change Drop More
4	phone_number	varchar(255)	utf8mb4_general_ci		Yes	NULL			Change Drop More
5	email	varchar(255)	utf8mb4_general_ci		Yes	NULL			Change Drop More
6	password	varchar(255)	utf8mb4_general_ci		Yes	NULL			Change Drop More
7	address	text	utf8mb4_general_ci		Yes	NULL			Change Drop More
8	neighborhood	varchar(255)	utf8mb4_general_ci		Yes	NULL			Change Drop More
9	street	varchar(255)	utf8mb4_general_ci		Yes	NULL			Change Drop More
10	remember	varchar(255)	utf8mb4_general_ci		Yes	NULL			Change Drop More

Figure 20 Ateyq database

6.1 Product table:

Stores information about products price, cups, magazines, handmade , tea , price (Primary key)

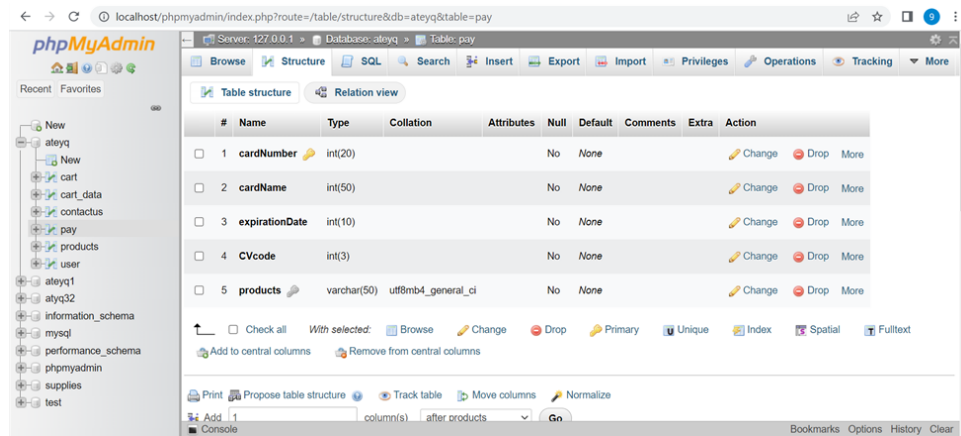


#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	Cups	varchar(11)	utf8mb4_general_ci		No	None			Change Drop More
2	Magazine	varchar(11)	utf8mb4_general_ci		No	None			Change Drop More
3	HandMade	varchar(11)	utf8mb4_general_ci		No	None			Change Drop More
4	Tea	varchar(11)	utf8mb4_general_ci		No	None			Change Drop More
5	Price	int(50)			No	None			Change Drop More

Figure 21 Proudct table

6.2 Pay table:

Stores information about payment card number (Primary key) , card name , expirationDate , CVcode , products



The screenshot shows the phpMyAdmin interface for the 'pay' table. The table structure is as follows:

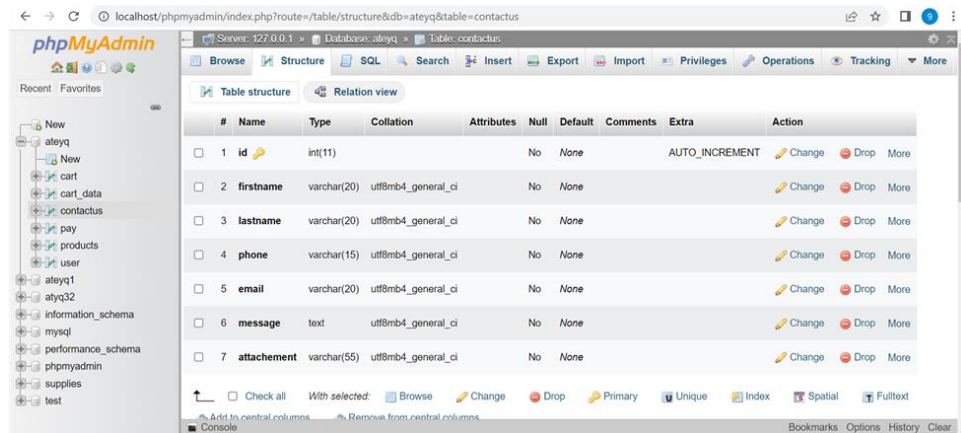
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	cardNumber	int(20)			No	None			Change Drop More
2	cardName	int(50)			No	None			Change Drop More
3	expirationDate	int(10)			No	None			Change Drop More
4	CVcode	int(3)			No	None			Change Drop More
5	products	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More

Below the table structure, there are options to check all, with selected, browse, change, drop, primary, unique, index, spatial, and fulltext. There are also buttons for print, propose table structure, track table, move columns, and normalize. At the bottom, there is a console area with 'Add 1 column(s) after products' and a 'Go' button.

Figure 22 Pay table

6.3 Contact us table:

Stores information about contact id (Primary key), first name , last name , phone , email , message , attachment



The screenshot shows the phpMyAdmin interface for the 'contactus' table. The table structure is as follows:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	firstname	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
3	lastname	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
4	phone	varchar(15)	utf8mb4_general_ci		No	None			Change Drop More
5	email	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
6	message	text	utf8mb4_general_ci		No	None			Change Drop More
7	attachement	varchar(55)	utf8mb4_general_ci		No	None			Change Drop More

Below the table structure, there are options to check all, with selected, browse, change, drop, primary, unique, index, spatial, and fulltext. There are also buttons for print, propose table structure, track table, move columns, and normalize. At the bottom, there is a console area with 'Add 1 column(s) after products' and a 'Go' button.

Figure 23 Contact us table

6.4 Cart_data table:

Stores information about cart id (Primary key) , product , qty ,amount .

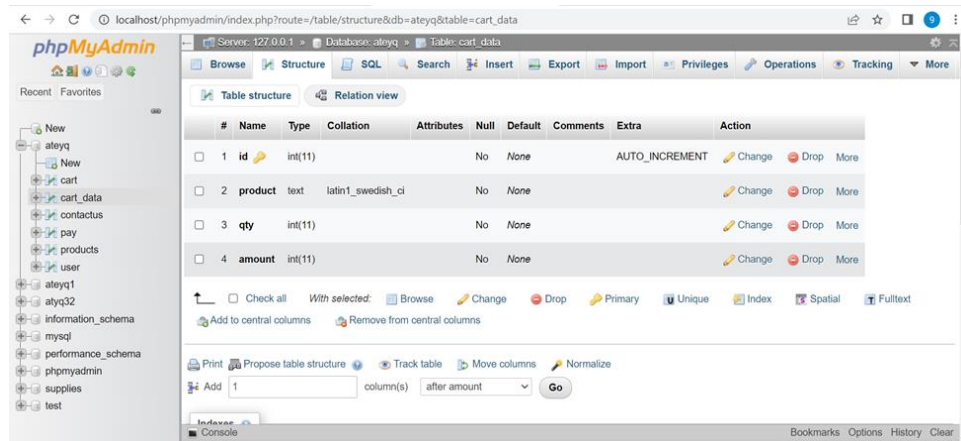


Figure 24 Cart_data table

7. Tables

7.1 Cart Table

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
product	varchar(50)		No					
quantity	int(100)		No					
price	int(100)		No			->product.price ON UPDATE RESTRICT ON DELETE RESTRICT		

Table 1: Cart Table

7.2 Products Table

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
cups	varchar(11)		No					
Magazine	varchar(11)		No					
HandMade	varchar(11)		No					
Tea	varchar(11)		No					
price	int(50)		No					

Table 3: Product Table

7.3 Sign in Table

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
Email	varchar(50)		No			->signup.Email ON UPDATE RESTRICT ON DELETE RESTRICT		
password	int(11)		No					

Table 3: Sign in Table

7.4 Sign up Table

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
Email	varchar(50)		No					
firstName	varchar(50)		No					
lastName	varchar(50)		No					
password	int(50)		No					
Phone	int(15)		No					
address	varchar(100)		No					

Table 4: Sign up Table

7.5 user Table

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
username	varchar(50)		No					
Email	varchar(50)		No					
Phone	int(10)		No					
address	varchar(50)		No					
password	int(50)		No			->signin.password ON UPDATE RESTRICT ON DELETE RESTRICT		

Table 5: User Table

8. ER Design

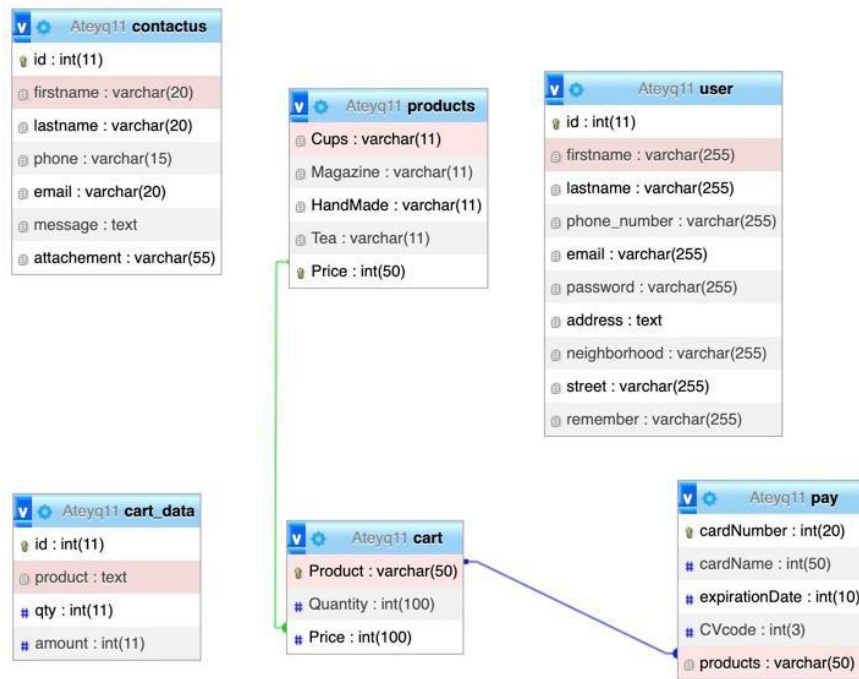


Figure 25 ER Design

9. Fulfilled Requirements

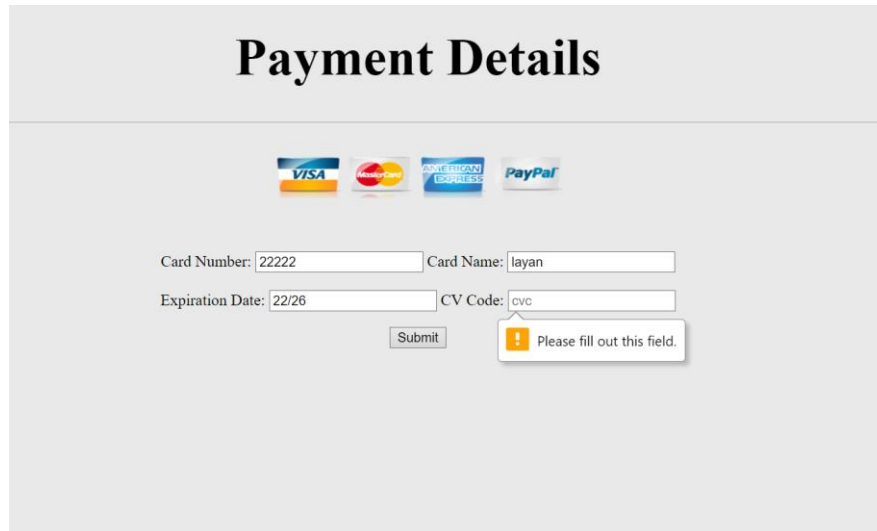
- Some of the tasks that work correctly are that when the user click Add to Cart, the product will move to the cart, and when the product is increased, the price will double according to the number of products added, and when it is deleted, the product will be deleted from the cart. When entering wrong data by the user wrong message will appear.

-The tasks that we wanted to develop, but we did not succeed in that, is that when the customer buys from the store, the databases are updated and the quantity decreases. Also the regular method of adding the map into the contact us method did not succeed because we were not able to make a key from the goggle map website . Instead, the iframe tags was used to add the map as an external document.

-Some of the tasks we did not develop it on our site is to enable customers to write their feedback about the products ,the ability of the customer to search for products through the search engine, allowing the customer to convert between Arabic and English when he needs and to convert when using the mobile device or computer.

10. Testing Case

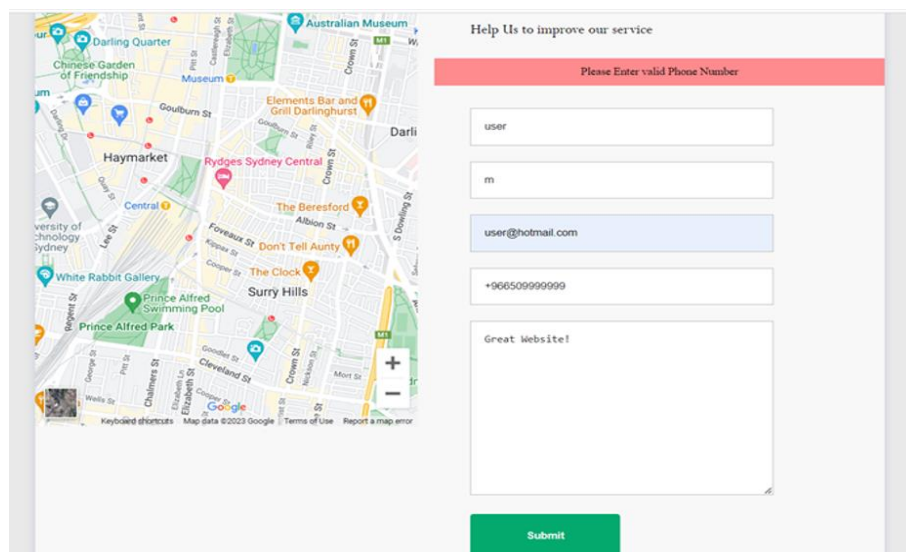
When the user forgets to complete the field, a warning message will appear and will not be able to move on next page until he completes it.



The image shows a 'Payment Details' form. At the top, there are logos for Visa, Mastercard, American Express, and PayPal. Below these, there are input fields for 'Card Number' (containing '22222'), 'Card Name' (containing 'layan'), 'Expiration Date' (containing '22/26'), and 'CV Code' (containing 'CVC'). A 'Submit' button is located below the 'Expiration Date' field. A warning message box with an exclamation mark icon and the text 'Please fill out this field.' is positioned to the right of the 'Submit' button, indicating that a required field is empty.

Figure 26

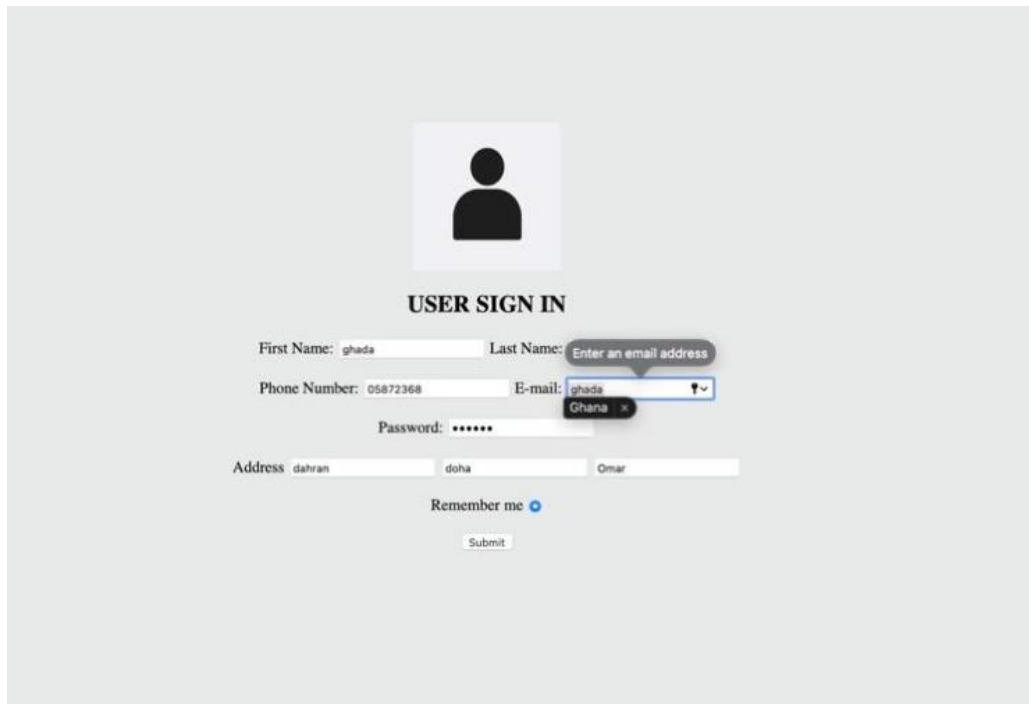
If the user fills in the wrong data, the error message will appear.



The image shows a registration form on the right side of a screen, with a map of Sydney on the left. The form has a title 'Help Us to improve our service'. Below the title, there is a red error message bar that says 'Please Enter valid Phone Number'. The form contains several input fields: 'user', 'm', 'user@hotmail.com', and '+906509999999'. There is also a text area with the placeholder 'Great Website!'. A green 'Submit' button is at the bottom of the form. The map on the left shows various locations in Sydney, including Haymarket, Darling Quarter, Chinese Garden of Friendship, Museum, Elements Bar and Grill Darlinghurst, Rydges Sydney Central, The Beresford, Albion St, Don't Tell Aunty, The Clock, Surry Hills, Prince Alfred Park, Prince Alfred Swimming Pool, White Rabbit Gallery, and University of Technology Sydney.

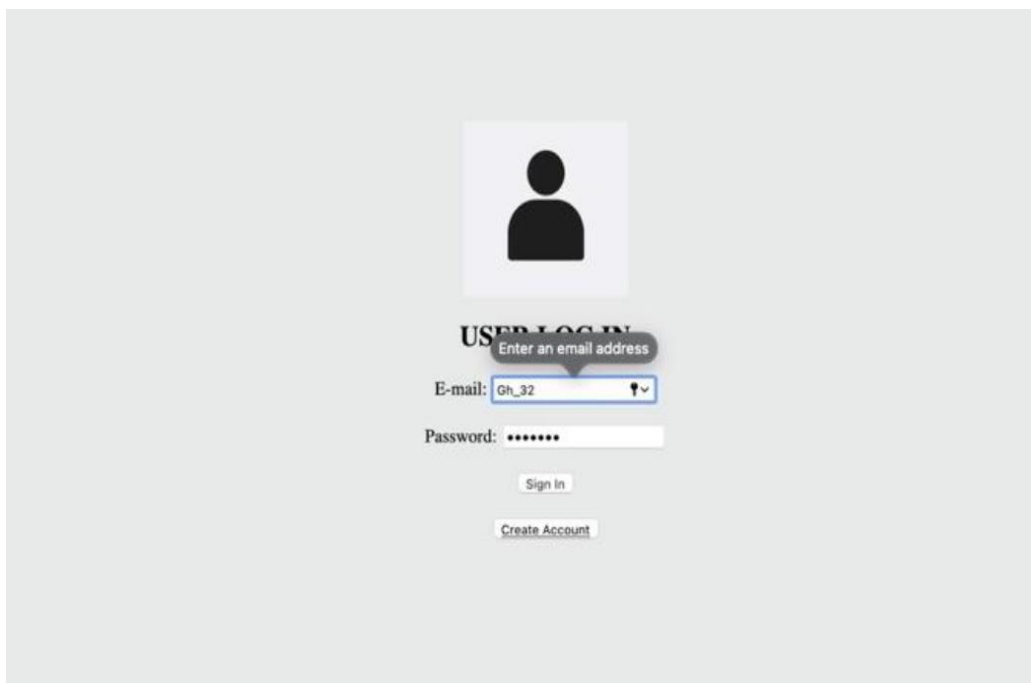
Figure 27

The format of the email will be checked, so user must enter correct value



A user sign-in form titled "USER SIGN IN" with a person icon above the title. The form includes fields for First Name (ghada), Last Name (placeholder: Enter an email address), Phone Number (05872368), E-mail (ghada, with a dropdown menu showing "Ghana"), Password (masked with dots), and Address (dahrar, doha, Omar). There is a "Remember me" checkbox and a "Submit" button.

Figure 28



A user login form titled "USER LOGIN" with a person icon above the title. The form includes fields for E-mail (Gh_32, with a dropdown menu showing "Ghana") and Password (masked with dots). There are "Sign In" and "Create Account" buttons.

Figure 29

11. Conclusion

Atyeq is a website that offer to users to shop different proudcts in easily way This project aimed to provide website that enable user to deal with in easy way we provide in this report all web pages analysis were performed to illustrate all the functionalities that will be performed via the system.

In conclusion, all the functions of the Atyeq site have been mentioned and covered, as it was programmed using HTML, CSS, PH and JavaScript, and provides flexibility in dealing with products and saving them in the database with flexibility.