



Project Name : Online Store

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Semester 2 - 2022

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Abstract :

This project allows people to sell and buy products that they have or that they need in an easy way by showing the products on the website with an image, information, and price for it, because my analysis showed that there are many people who have a product or many of products that they have and don't use it and other people who need the specific product they don't know where to find it, I conclude that the project makes it easier for people to buy products and sell it, in addition to reducing the time to search for the product.

Introduction :

In the period of technology, people tend to try to achieve what they want and get rid of the things they no longer use in the easiest possible way and feel comfortable, so this project provides a way to help them in buying and selling products because many of them don't have the ability to reach the place of selling the product, since many of people use the Internet, it makes that way is easy for them for accessing and inquiring about products.

This project allows the seller to display his product by putting a name, picture, information and price for it, and allowing the buyer to communicate with the seller to agree and finalize the purchase process in addition to specifying where the product will be received.

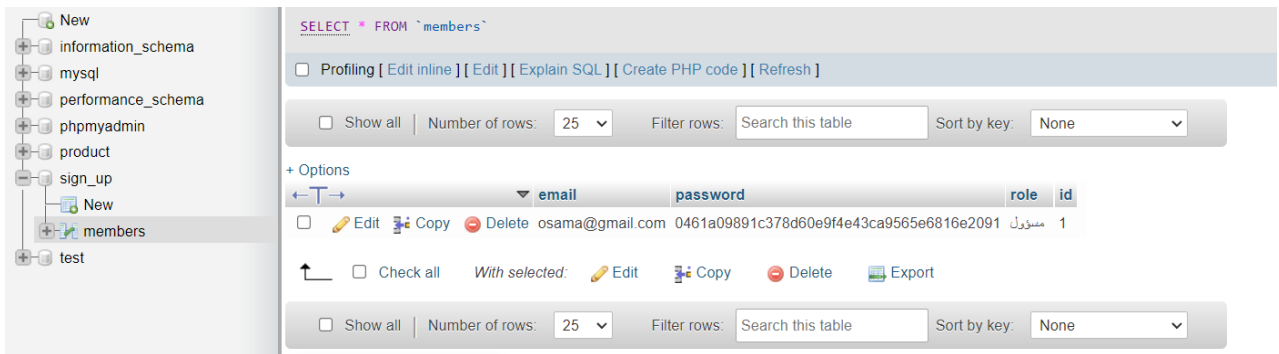
Tools :

- Visual Studio Code .
- XAMPP .
- MYSQL Database .
- HTML , CSS , Javascript , PHP , React Native and Node js Languages .
- MAP API .

Databases :

We use MYSQL Databases to create the databases for our project .

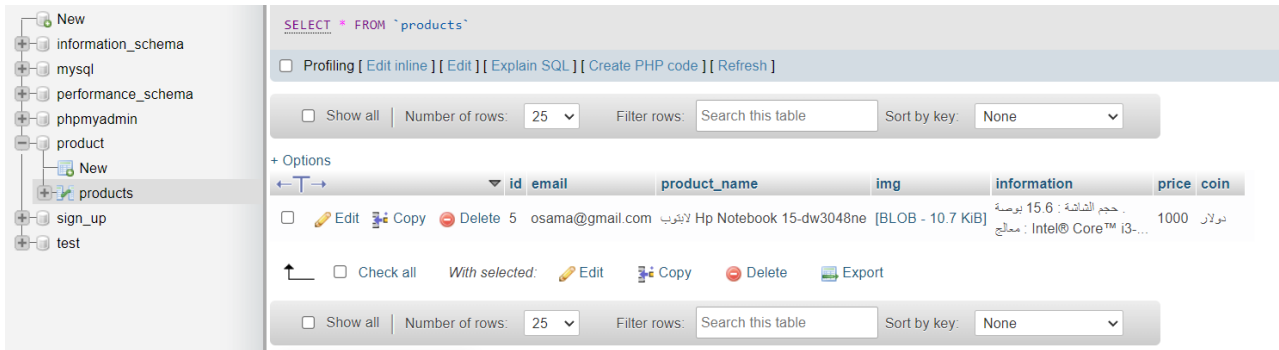
Sign_up database: we create a sign_up database then we create a members table inside it that contains data about members (member id, email, password, and functional task) . the data will insert into the table from the signup page and can be read and checked from the login page .



The screenshot shows the phpMyAdmin interface for the 'sign_up' database. The 'members' table is selected. The table structure is as follows:

email	password	role	id
osama@gmail.com	0461a09891c378d60e9f4e43ca9565e6816e2091	مستور	1

product database: we create a product database then we create a products table inside it that contains data about products (product id, product_name, image, information, price, coin) . the data will insert into the table from the upload page and be read and shown in the main page.

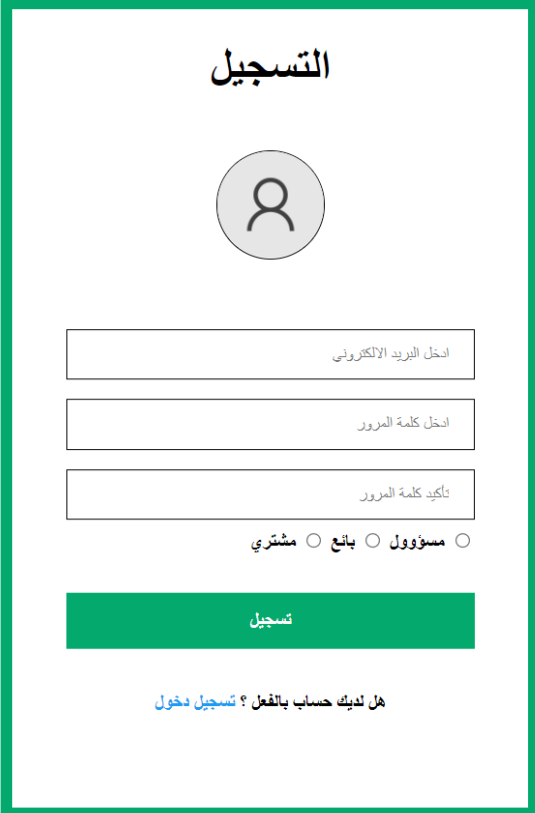


The screenshot shows the phpMyAdmin interface for the 'product' database. The 'products' table is selected. The table structure is as follows:

id	email	product_name	img	information	price	coin
5	osama@gmail.com	لaptop Hp Notebook 15-dw3048ne	[BLOB - 10.7 KiB]	حجم الشاشة : 15.6 بوصة معالج : Intel® Core™ i3-...	1000	دولار

WEB :

Sign up page : The page is created to allow users to make membership in the site by entering an email, password, functional task (the buyer can buy only, the seller can only sell and the admin can do both of them), and confirming password to make sure that the user enters the password that he want correctly, then storing data in the members table of the sign_up database if he doesn't a member before that , and if was a member can he move to the login page. * the password will store encrypted

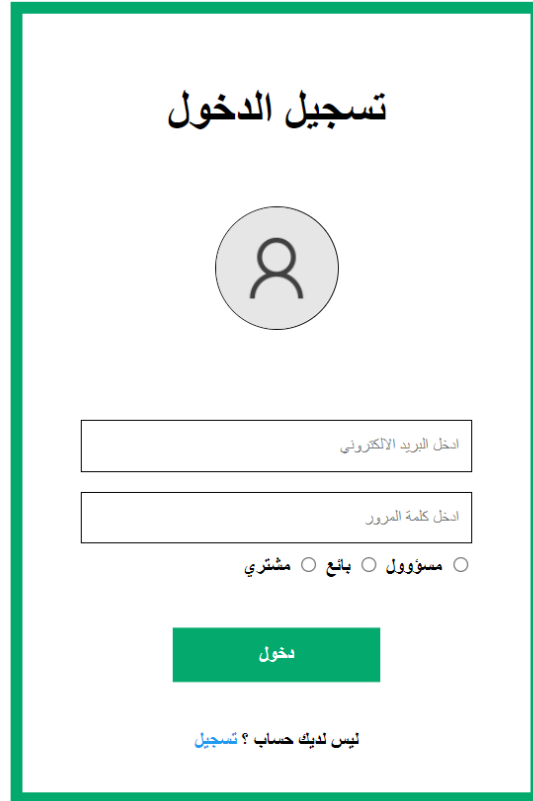


The image shows a registration form titled "التسجيل" (Registration) in Arabic. It features a central icon of a person inside a circle. Below the icon are three input fields: "ادخل البريد الالكتروني" (Enter email), "ادخل كلمة المرور" (Enter password), and "تأكيد كلمة المرور" (Confirm password). There are three radio buttons for user roles: "مشتري" (Buyer), "بائع" (Seller), and "مسؤول" (Admin). A green button labeled "تسجيل" (Register) is positioned below the radio buttons. At the bottom, there is a link that says "هل لديك حساب بالفعل؟ تسجيل دخول" (Do you already have an account? Login).

Can't send empty data or wrong data (the email should be like an email format and password should have at least 8 that must be an uppercase , lowercase and numbers) or miss-match password, if every data is filled and valid will be sent if user doesn't make registration previously then will move to login page else the following message will be shown:

* البريد الالكتروني مسجل سابقا

Login page : The page is created to make users check their membership to make membership in the site by entering an email, password, and the functional task, then checking the data from the members table of the sign_up database if he is a member , and if not he can move to the sign up page to create a membership for him.



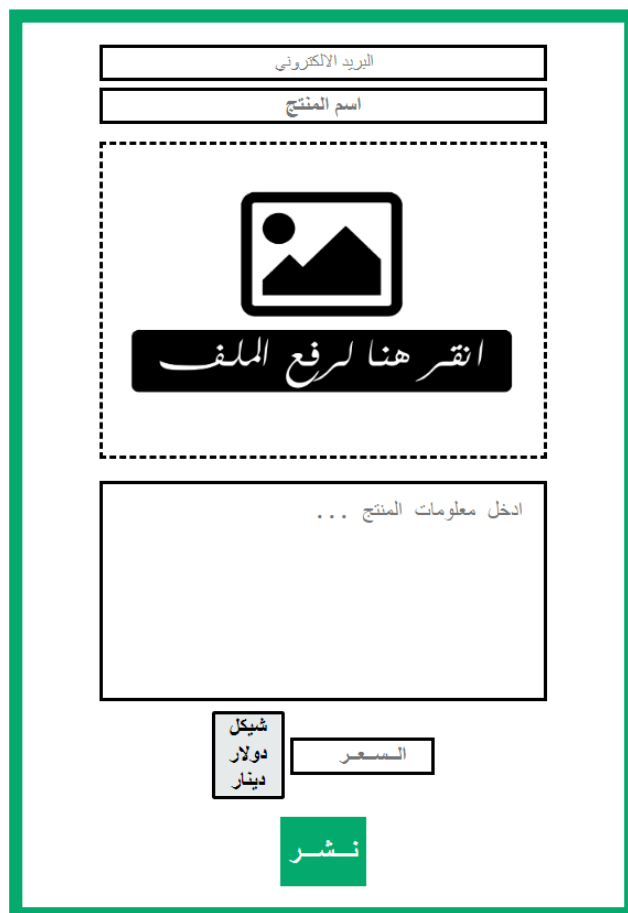
The image shows a login page titled "تسجيل الدخول" (Login). It features a central icon of a person inside a circle. Below the icon are two input fields: the first is labeled "ادخل البريد الالكتروني" (Enter email) and the second is labeled "ادخل كلمة المرور" (Enter password). Underneath these fields are three radio buttons for user roles: "مشتري" (Buyer), "بائع" (Seller), and "مسؤول" (Admin). A green button labeled "دخول" (Login) is positioned below the radio buttons. At the bottom, there is a link that says "ليس لديك حساب؟ تسجيل" (Don't have an account? Register).

Can't sign in to the site if the input data was empty or wrong (the email, password, and the functional task should be stored in the members' table of the sign_up database) the following message will be shown:

البريد الالكتروني و/أو كلمة المرور و/أو المسمى الوظيفي غير صحيحة

if every data is filled and checked with the database and was correct, the user will move to the site automatically.

Upload page : The page is created to allow members to show their products on the site by entering the name of the product, an image for it, information about it, and finally, the price and coin of the product, then storing data in the products table of the product database.

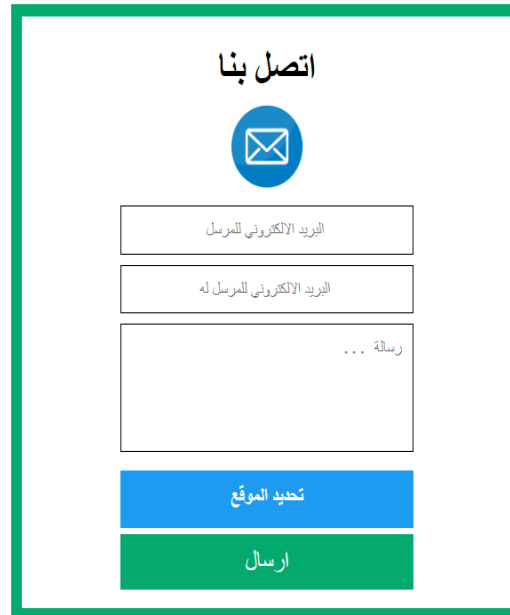


The image shows a web form for uploading a product. It is enclosed in a green border. At the top, there are two input fields: the first is labeled 'البريد الالكتروني' (Electronic Mail) and the second is 'اسم المنتج' (Product Name). Below these is a dashed box containing an image upload icon (a square with a mountain and sun) and a button labeled 'انقر هنا لرفع الملف' (Click here to upload the file). Underneath the dashed box is a large text area labeled 'ادخل معلومات المنتج ...' (Enter product information ...). At the bottom, there is a 'السعر' (Price) input field, a currency selection dropdown menu with options 'شيكل' (Shikl), 'دولار' (Dollar), and 'دينار' (Dinar), and a green 'نشر' (Publish) button.

The data can't be sent if it is empty , the user email will insert automatically when make selling, and the price can be a number only .

after filling the data, it will be sent to the database, automatically will move to the main page and the product will be shown there.

Contact page : The page is created to make contact between the seller and the buyer to inquire about the product or when deciding to buy it so that the buyer can send a message in addition to his site to make the seller able to deliver the product to him.



The image shows a contact form with the following elements:

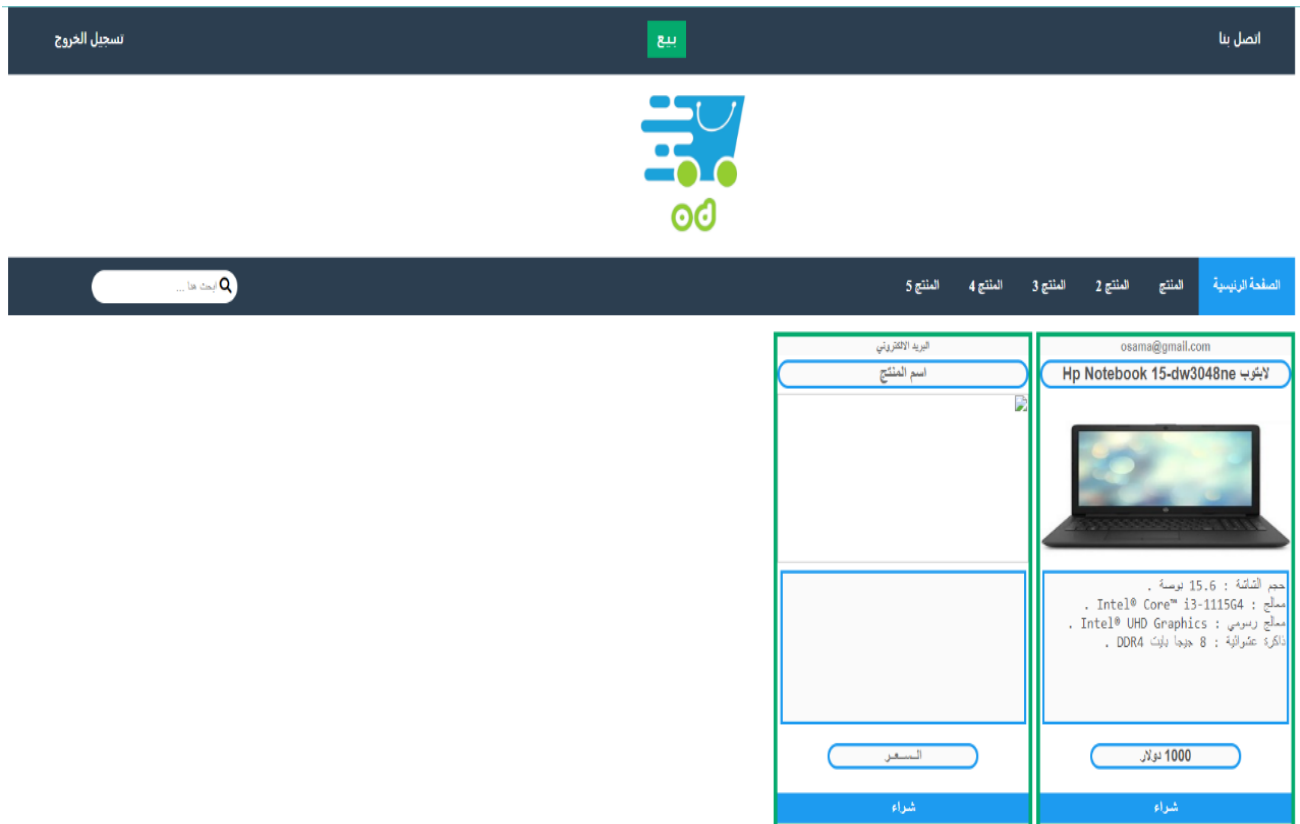
- Header: اتصل بنا (Contact Us)
- Icon: A blue envelope icon.
- Field 1: البريد الإلكتروني للمرسل (Sender's email address)
- Field 2: البريد الإلكتروني للمتلقب (Receiver's email address)
- Field 3: رسالة... (Message text area)
- Button 1: تحديد الموقع (Detect location)
- Button 2: إرسال (Send)

The data can't be sent if it is empty, the user email (sender) will insert automatically when making contact, and the receiver email can take it from the product on the main page, then when click to detect location button the location will appear on the map as shown in next picture (the map API need billing to work correctly):



after filling the data , the mail will be sent to the receiver and the user automatically will move to the main page.

Main page : The page was created to be the main interface that appears to the user through which he can access other pages, in addition to displaying the products that uploading it from the upload page and which are stored in the products table in the product database, in addition to the ability to do a search on the products or show it according to the name of it.



In the page can't selling and buying any thing if the user doesn't login to the site , and
The search area or the list main button it is create to help buyer to find the product need
eaily .

MOBILE :

As in the web, the pages are very similar .

Sign up page : The page is created to allow users to make membership in the site by entering an email, password, then storing data in the members table of the sign_up database if he doesn't a member before that , and if was a member can he move to the login page.



The image shows a mobile sign-up form with a light gray background and a green border. At the top, the word "التسجيل" (Registration) is written in Arabic. Below it is a circular icon representing a user profile. There are three input fields: "البريد الالكتروني" (Email), "كلمة المرور" (Password), and "تأكيد كلمة المرور" (Confirm Password). A blue button labeled "تسجيل" (Register) is positioned below the input fields. At the bottom, there is a link in Arabic: "هل لديك حساب بالفعل ؟ تسجيل الدخول" (Do you already have an account? Login).

Can't send empty data or wrong data or miss-match password, if every data is filled and valid will be sent if user doesn't make registration previously then will move to login page.

Login page : The page is created to make users check their membership to make membership in the site by entering an email and password, then checking the data from the members table of the sign_up database if he is a member , and if not he can move to the sign up page to create a membership for him.



The image shows a login page with the following elements:

- Header: تسجيل الدخول (Login)
- Icon: A circular icon containing a stylized person symbol.
- Input fields: Two text boxes, the first labeled البريد الالكتروني (Email) and the second labeled كلمة المرور (Password).
- Button: A blue button labeled دخول (Login).
- Footer: A link labeled ليس لديك حساب ؟ تسجيل (Don't have an account? Register).

Can't sign in to the site if the input data was empty or wrong (the email and password should be stored in the members' table of the sign_up database) the following message will be shown:

if every data is filled and checked with the database and was correct, the user will move to the site automatically.

Upload page : The page is created to allow members to show their products on the site by entering the name of the product, an image for it, information about it, and finally, the price and coin of the product, then storing data in the products table of the product database.



The image shows a mobile application form titled "نشر" (Publish) in Arabic. The form is enclosed in a green border and contains the following elements from top to bottom: a text input field for "البريد الالكتروني" (Email), a text input field for "اسم المنتج" (Product Name), a blue button labeled "اضغط هنا لرفع صورة" (Click here to upload image), a large empty text area for "معلومات عن المنتج" (Product Information), a dropdown menu for "شيكل" (Type) with a downward arrow, a text input field for "السعر" (Price), and a final blue button labeled "نشر" (Publish).

The data can't be sent if it is empty , after filling the data, it will be sent to the database, automatically the user will move to the main page and the product will be shown there.

Contact page : The page is created to make contact between the seller and the buyer to inquire about the product or when deciding to buy it so that the buyer can send a message in addition to his site to make the seller able to deliver the product to him.

اتصل بنا

البريد الالكتروني للمرسل

البريد الالكتروني للمرسل له

رسالة ...

Google

ارسال

The data can't be sent if it is empty. after filling the data , the mail will be sent to the receiver and the user automatically will move to the main page.

Main page : The page was created to be the main interface that appears to the user through which he can access other pages, in addition to displaying the products that uploading it from the upload page and which are stored in the products table in the product database, in addition to the ability to do a search on the products or show it according to the name of it.

اتصل بنا بيع تسجيل الدخول

ابحث هنا الكل

البريد الالكتروني

اسم المنتج

معلومات عن المنتج ...

السعر

شراء

البريد الالكتروني للتواصل
s11715405@stu.najah.edu

The search area or the list main button it is create to help buyer to find the product need eaily , and can make contact with the manager of site using the email in the last of to get help or give a suggestions about the site .

Discussion :

The project will be used by many people, especially those who use the technology and the Internet a lot so that it provides them with comfort and time in which they may suffer in any sale process, nevertheless, there are many functions can be added to the project to make it best.

Conclusion :

Since the online store achieves the necessary things that people use in the buying and selling process in the simplest and fastest ways and enables it to reach the largest number of people, this will make the buyer and seller feel comfortable as they can do the process from anywhere while reducing the need for additional resources.

Reference :

- <https://www.w3schools.com>
- <https://codepen.io>
- <https://developers.google.com/maps>
- <https://www.geeksforgeeks.org>