Helwan University
1975

# Web project

Title of project: coffee shop

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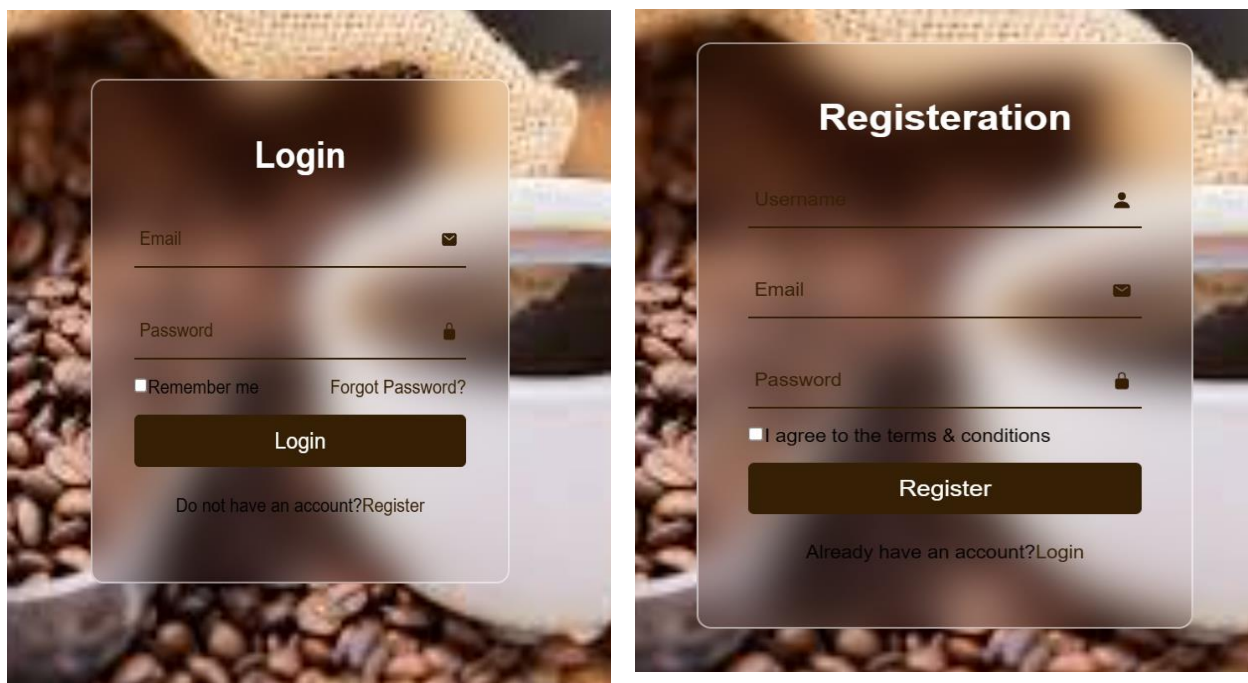
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# Introduction :

This documentation provides a comprehensive overview of the coffee shop website, including its features, functionality, and how to use it. The website is designed to help coffee shop owners promote their businesses, connect with customers, and boost sales.

First to use website you should login first if you have an account .if you not you should register in registration page.to make a successful registration the username and email should be identical and contain "@gmail".



# The website includes a number of features, such as:

**1-Header**: This part contain the navigation bar , logo,  and the icons of search ,shopping card and main menu.I add some java script to make icons open and close and to make a responsive shopping card.
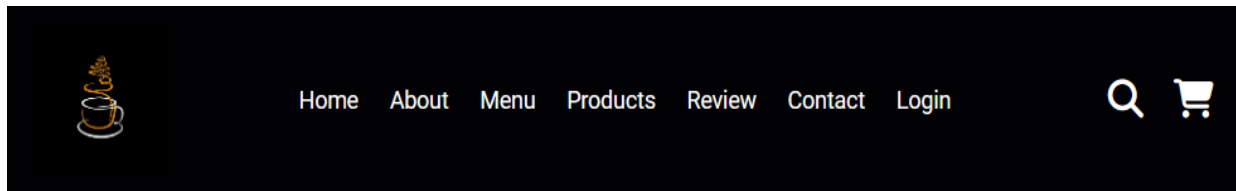
# To make a responsive shopping card and menu I use 4 functions :

-**initApp()** : This function  is used to initialize the application. It is typically called when the application starts. is used to create a list of products. It uses the products array, which is an array of objects that contain information about each product, such as the product name, image, and price.The function iterates over the products array using the forEach() method. For each product in the array, the function creates a new div element and adds the item class to it. The function then sets the inner HTML of the div element to a string that contains the product information, such as the image, name, price, and a button to add the product to the cart.The function appends the div element to the list element. The list element is likely a reference to the HTML element that will contain the list of products.

-**addToCard(key)** : This function is a JavaScript function that is used to add a product to the cart. It is typically called when the user clicks the "Add to cart" button for a product. It takes one argument: key. The key argument is the index of the product in the products array.The  function first checks if the product is already in the cart, If the listCards[key] property is null, then the product is not in the cart and  it adds the product to the cart. To add the product to the cart it first sets the listCards[key] property to the products[key] object. This copies the product information from the products array to the listCards object. Then it sets the listCards[key].quantity property to 1.

-**reloadCard()** : This function is used to update the display of the cart. It is typically called after a product has been added to the cart or removed from the cart.It  first clears the inner HTML of the listCard element. Then iterates over the listCards object using the forEach() method. For each product in the listCards object, the function creates a new li element and adds the product information to it, such as the image, name, price, and quantity. also creates two new div elements to display the total price of the cart and the total quantity of items in the cart.Finally,it appends the new li elements and div elements to the listCard element.

**-changeuantity(key,quantity)** :This function is used to change the quantity of a product in the cart. It is typically called when the user clicks the "+" or "-" button next to the product quantity in the cart.It takes two arguments: key and quantity. The key argument is the index of the product in the listCards object. The quantity argument is the new quantity of the product in the cart. It first checks if the quantity argument is 0.Then the product is being removed from the cart by deleting the listCards[key] property. If the quantity argument is not 0, then it updates the quantity of the product in the cart. It also updates the total price of the product



```
1    let navbar = document.querySelector('.navbar');
2
3    document.querySelector('#menu-btn').onclick = () => {
4        navbar.classList.toggle('active');
5        searchForm.classList.remove('active');
6        cartItem.classList.remove('active');
7
8    }
9    let searchForm = document.querySelector('.search-form');
10
11   document.querySelector('#search-btn').onclick = () => {
12       searchForm.classList.toggle('active');
13       cartItem.classList.remove('active');
14       navbar.classList.remove('active');
15   }
16
17   let cartItem = document.querySelector('.cart-items-container');
18
19   document.querySelector('#cart-btn').onclick = () => {
20       cartItem.classList.toggle('active');
21       navbar.classList.remove('active');
22       searchForm.classList.remove('active');
23   }
24
25   window.onscroll = () => {
26       navbar.classList.remove('active');
27       searchForm.classList.remove('active');
28       cartItem.classList.remove('active');
29   }
30
```

```
let products =[
{
    id:1,
    name:'latte',
    image:'menu1.jpg',
    price:80,
},
{
    id:2,
    name:'turkish coffee',
    image:'menu2.jpg',
    price:80,
},
{
    id:3,
    name:'american coffe',
    image:'menu3.jpg',
    price:90,
},
{
    id:4,
    name:'espresso',
    image:'menu4.jpg',
    price:60,
},
```

```javascript
let listCards =[];
function initApp(){
products.forEach((value,key)=>{
    let newDiv=document.createElement('div');
    newDiv.classList.add('item');
    newDiv.innerHTML=`
    <img src="${value.image}">
    <div class="title">${value.name}</div>
    <div class="price">${value.price.toLocaleString()}</div>
    <button onclick="addToCard(${key})">Add to card</button>
    `;
    list.appendChild(newDiv);

})
```

```javascript
initApp();
function addToCard(key){
if(listCards[key]==null){
    listCards[key]=products[key];
    listCards[key].quantity=1;
}
reloadCard();
}
```
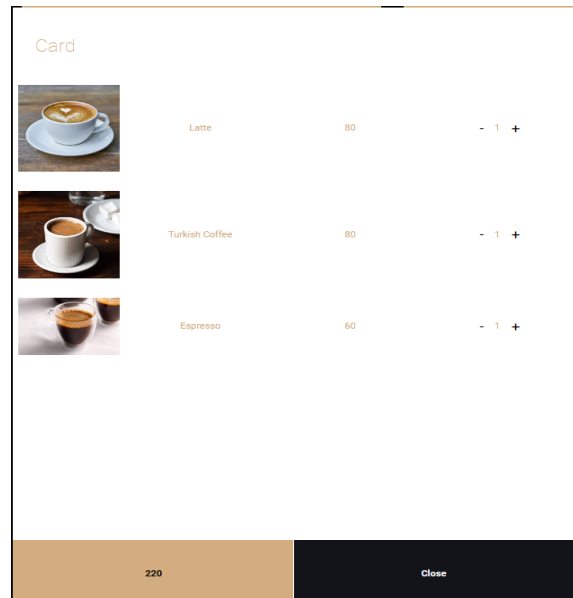
```javascript
function reloadCard(){
    listCard.innerHTML='';
    let count = 0;
    let totalprice =0;
    listCards.forEach((value,key)=>{
        totalprice =totalprice + value.price;
        count =count + value.quantity;

        if(value !=null){
            let newDiv =document.createElement('li');
    newDiv.innerHTML =`
    <div><img src="${value.image}"/></div>
    <div>${value.name}</div>
    <div>${value.price.toLocaleString()}</div>
    <div>
    <button onclick="changeQuantity(${key},${value.quantity -1})">-</button>
    <div class="count">${value.quantity}</div>
    <button onclick="changeQuantity(${key},${value.quantity +1})">+</button>
    </div>

    `;
            listCard.appendChild(newDiv);
        }
    })
    total.innerText =totalprice.toLocaleString();
    quantity.innerText =count;
}
```



Card

| | | | | |
|---|---|---|---|---|
| Latte | 80 | - | 1 | + |
| Turkish Coffee | 80 | - | 1 | + |
| Espresso | 60 | - | 1 | + |

| 220 | Close |
|---|---|

# 2-Home: It provides an a brief description of the business,and why we do this job.
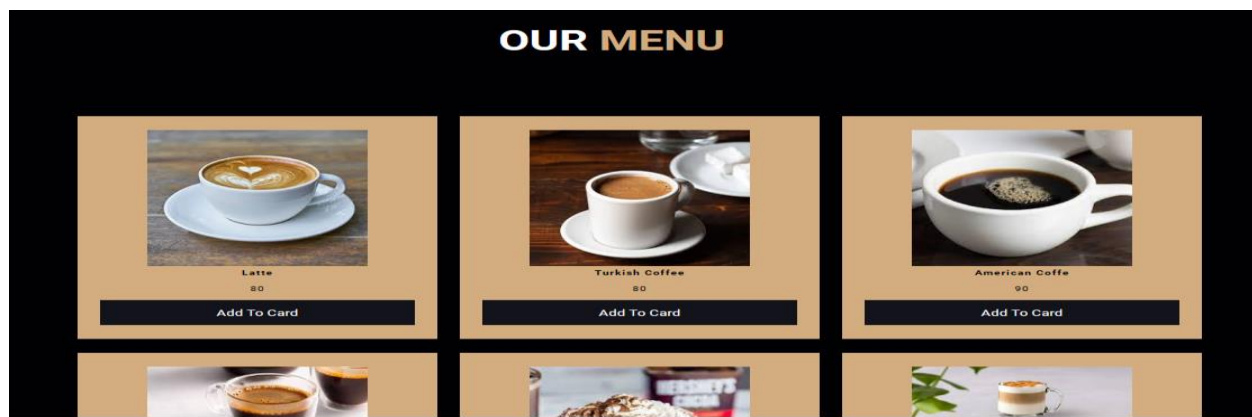


## COFFEE MADE WITH PASSION

At Our Coffee Shop, We're Passionate About Coffee. We Believe That Everyone Deserves A Great Cup Of Coffee, Made With Fresh, High-Quality Beans And Brewed To Perfection. We Also Offer A Wide Variety Of Coffees To Choose From, All Sourced From High-Quality Farms Around The World. Whether You're Looking For A Classic Coffee Drink Or Something More Adventurous, We Have Something For Everyone.
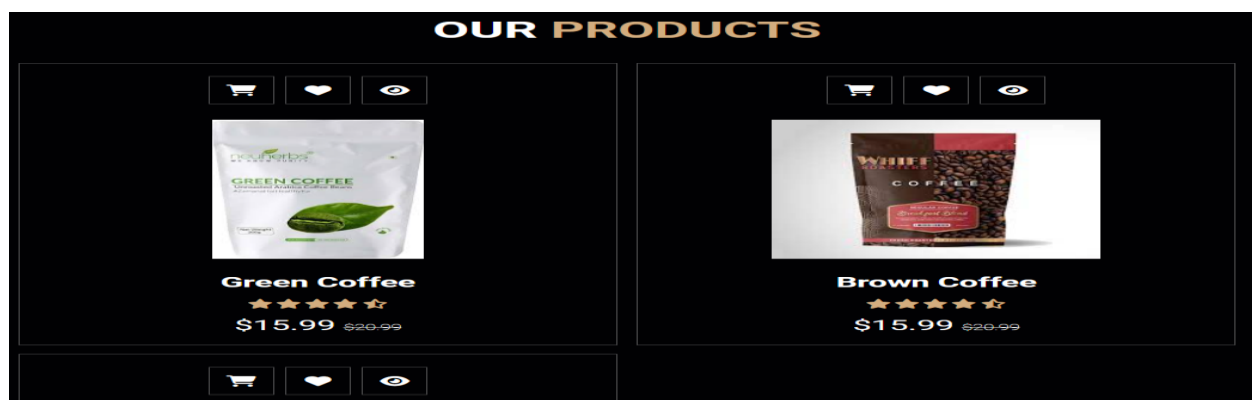
Get Yours Now

## 3-About us : This page talking about what make our coffee special in our field.



## 4-Menu : This page it contain the items of menu and the add to card buttons to add in shopping card.



## 5-Products : This page contain the types of raw coffee that we sell.

## 6-Review: this page contain the review of some customers.



## 7-contact : This page contain the address of the shop and information to contact us.