

DOCUMENTATION

SMART HOME COMPANY



PREPARED FOR

Yousef ali

Ahmed saad

INTRODUCTION FOR PROJECT

We used in our project programming language (HTML , CSS, Java script , node JS)
What is smart home company ?

It provides security and comfort for home owners . a smart home refers to a convenient home setup where appliances and devices can be automatically controlled remotely from anywhere with an internet connection using a mobile or other networked device. The main objective is to make a web page that sells some of the products of smart home for example(camera , smart lock door , alexa)and that we can buy it online from this web page.

INTRODUCTION FOR WEB PAGE

We have 11 pages written by (HTML and CSS) we will talk about each of them .

First page (home)

It's containing a picture illustrating smart home , small paragraph talking about why you should choose smart home and at the end our email , phone and social media pages on (Facebook , Instagram , twitter)

To contact us .

Second page (about)

It's talking about the history of our company And the products that we sell and to know more informations about products you can contact us on phone or email.

Third page (products)

It includes the products(camera , smart door lock, Alexa) and there prices , for each product there is a private page for details .

Fourth page (first product details)

A new web page is opened when you click on details of camera it will get to you photo , small paragraph talking about camera and it's price .

Fifth page (second product details)

A new web page is opened when you click on details of smart lock door showing photo , small paragraph about smart lock door and the price .

Sixth page (third product details)

A new web page is opened when you click on details of Alexa product showing photo , small paragraph about it and it's price .

Seventh page (contact)

We explained how to contact us by leaving your name , email, your message and our number if you want to contact us on it .

Eighth page (login)

If the Customer already have an account will sign in by writing his user name and password .

Ninth page (sign up)

It the customer wants to make an account will write his ID , name , email , password and confirm his password .

Tenth page (card)

If the Customer wants to buy online by credit card will write card number , expiration date , CVV , name on card , billing address , city , state/province , zip/postal code and country .

.Eleventh page (welcome page)

After login in it transfers you to new page showing a small paragraph welcoming the Customers .experiences

objectives

The main objective is to make a web page that sells some of the products of smart home for example camera , smart lock door , alexa and that we can buy it online from this web page

WEB APPLICATION FILE STRUCTURE

```
contact { name : varchar, email : varchar, massage : varchar, created_at : varchar }
```

```
credit_card { cardnumder : int , expirationdate :int , cvv : int , nameoncard : varchar ,  
billingaddress : varchar , city : varchar, state : varchar , zipcode : int , country : varchar }
```

```
products { id : int , name : varchar , decription : varchar , price : float , quantity : int }
```

```
users { id : int , name : varchar , email : varchar ,password : int }
```

FUNCTIONAL AND NON-FUNCTIONAL REQUIREMENTS.

Function :

- The about page must display information about the company and its products.
- The login page must set a cookie in the user's browser to remember their login status.
- The signout button must log the user out of their account and clear the cookie that remembers their login status.

- The signup page must allow users to create a new account by entering their personal information and creating a id , username , email , password.
- The products page must allow users see the price, details and type of products.
- The credit card page must validate the user's credit card information and show an error message if the information is invalid.
- The contact us page must allow users to send a message to the company through a form by using thier usernam and password

Non-functional :

- The web page must load quickly and efficiently.
- The web page must be secure and protect sensitive user information such as login credentials and credit card data.
- The web page must be compatible with popular web browsers such as Chrome, Firefox, and Safari.
- The web page must be easy to navigate and use.
- The web page must be scalable and able to handle an increase in data
- The web page must be tested and debugged to ensure that it is free of errors and bugs.

SEQUENCE DIAGRAM FOR EACH REQUEST

