**GROCERY STORE**

**WEBSITE**

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**Introduction:**

**Our website, Freshkart is an online grocery store which offers great deals on prices of grocery items, toiletries, fruits and vegetables and all items people need in daily life.**

**Languages used:**

1. **HTML**
2. **CSS**
3. **JavaScript**

**ACKNOWLEGDEMENT**

Primarily, we would like to thank God for being able to complete this project with success. Then we would like to thank out teacher

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Riya Rai

Jasmine Kaur Saini

Purvi Sharma

**MAIN PAGE OF FRESH KART-THE ONLINE**

**GROCERY STORE**

The main page of our website consists of 3 major sections,

Namely – The header, The main, The footer.

* **CSS PROPERETIES OF THE HEADER: THE NAVIGATION BOX**

We have named the top header box as the navigation box as basically it navigates us to other pages as mentioned under it since we have applied the navigation feature to it in the css.We have kept the header fixed that is its background-attachment is fixed. The background color used has an opacity of 0.7 under the rgba. The background size is cover and its position has been set to center.

The header basically has 4 components in it-the logo of our site, the sign up, the login, and the shop by category option.

Whenever a user visits the shopping site for the first time he or she will be first asked to sign up and then login in order to add something to the cart or to buy any product. When we move to the login, signup, shop by category buttons in the header section the background color of the button changes due to the settings of background color in the css section. The button settings in the css is set to hover. When the user clicks on any one of them the he/she will be guided to a page asking for their login/signup credentials. In case the user clicked on the shop by category section then the screen will be dragged down to the shop by category section of the page where different categories are mentioned. Certain navigation sections are also used in the css of the header. Box shadow property is also applied to the options of signup login and shop by category.

The logo of our grocery store is on the top left corner of the navigation bar as we have used the float: left property on it under the css section. The logo is further subjected to the display: block property of the css in order to make it appear as a block element rather than an inline element.

When the user has already signed up or logged in then another option will be added in the header section which is the name of the user to indicate that the portal is already signed in by respective user. We also get a logout option displayed on the navigation bar after the customer is logged in to the website.

* **CSS PROPERTIES OF THE MAIN**

The main body of the main page consists of all the basic contents of the shopping site.

Transition and Transform: scale properties are set to the shopping background image in order to allow the image of the shopping background to move smoothly on a particular scale.

Hover property is set to the shopping background image such that whenever the cursor points on the image the property of image that is whether the background color or the border of the image changes. The image is set to position: absolute property such that it remains still on its position on the page but as we scroll down through the page the whole page seems to be moving onto the image. The image consists of our grocery site name that is ***FRESH KART*** and the tagline that is ***BEST FOOD AT BEST VALUE.***

Moving down or we can say on scrolling down we first reach to the OFFERS section which shows the offers of the day i.e. certain products would be sold at the price lower than their actual price depending upon the percent of value discounted on it. The boxes of the offer sections are subjected to the hover property in the CSS such that whenever we move to the particular box the box seems to be popping up and the border color of the box is highlighted. We have also used the box: shadow property on the offer’s category in the Css section.

Also at the lower right corner of the offers section we have made a go to offer button which is also applied with certain basic css properties as well as the hover property and can move the user to a new page showing all the offers of the day available on the site due to the application of navigation property.

Moving down we will get the portion of our main page displaying the qualities that we provide when a person is willing to shop from our site. It’s just a measure to enhance the look of our website. This section basically informs the user that our shopping store is ready to deliver at various places in different cities and within a short time span such that it is time efficient for the customer as well as the producer.

The next section under the main page and main components is the SHOP BY CATEGORY under this section we have eight different categories namely Foods and Vegetables, Grocery and Staples, Biscuits and Snacks, Sauces and Instant Foods, Breakfast and Dairy, Beverages, Household Items and Personal Care. This also consist of different images of the different categories added above their name such that it is not difficult for the customer to get confused about a particular category. When we move to these categories and point out to each one of them, they will again pop in due to using hover property on them in the css section. Navigation property is set under them such that whenever we click on any of these categories we will be directed to different pages depending upon the type of category chosen, under which the customer can find all the products related to that category easily and then further add them to cart or either buy them directly.

* **CSS PROPERTIES OF THE FOOTER SECTION**

Under the footer section we can find the contact us information that consist of the email id***(thefkgroceries@gmail.com)*** and the contact number ***(040-2110-1894-2618)***of our grocery store. We have also displayed the copyright information to provide legal authorization to our online grocery shopping site, such that no anonymous person can try to copy the content available on our site. We have also mentioned our social platforms in our footer section such that the customer can reach us through our social handles such as Twitter, Instagram, and Facebook as well. We have added the icons of such social platforms. Icons have been used from Ion-icons, which is a completely open source icon set. The script tag is used at the end of the page, before closing body tag, to enable Ion-icons.

The social platforms icons aresubjected to certain properties such as the hover effect with different colorsfor different icons, transition color effect, along with certain border, margin, font size, font type etc. effects as well. We have used the display: inline-block property on the items mentioned under the footer section. We have applied float: right effect to the icons of social platform such that they can be separately on the right end of the footer section. We have also used basic properties such as the background color and padding on the footer section.

**Categories**

By clicking on the any of the items listed in the shop by categories section a new page is opened in which all the items related to that category are displayed. The format of this page is same for all the categories and offers. The page contains the following parts:

**1. Sticky Navigation Bar**

Navigation bar appears on the top of the page and remains on the top even if we scroll down.

**2. Section-select**

In this section all the items available to buy are displayed.

1. **Heading:**Heading of the page is written on the top of the page enclosed in div tag, with font-size of 180% and aligned in the centre. A border line appears at the bottom of heading of width 250 px.
2. **Items-box:** The items in stock are displayed enclosed in class “items-box”. Hover effect has been used in the box which appears when the user hovers over a particular box but does not activate it. By doing this, shadow effects around the box appears due to the use of box-shadow property.

In one row four items are displayed each of width 23.8%.

One item-box is further divided into three parts.

In first div tag, image is shown in the centre. Hover effect has been used on the image. When the user hovers over the image with the cursor, the size of the image increases for which transform: scale property has been used.

In the next div tag, amount and cost of the item is displayed. The Rupee sign is displayed with span tag using Unicode &#8377.

The last div tag has been used to display the button to add the element in the cart. Transition effect has been used that gradually changes from one style to another using hover property. The background colour changes from white to purple.

Further clicking on add to cart button, cart function in the Javascript file, jscript.js is called which opens a new page where item added to the cart is displayed.

**3. Footer**

Footer appears at the bottom of the page in which contact details are displayed with the icons of Facebook, Twitter and Instagram.

**JAVASCRIPT**

In thewebsite(Freshkart), external Javascript is used.

The file is jscript.js. Thefunctions in the jscript.js file areas follows:

1. user function:

This function is an onload function will gets called any page on the website is accessed. The user information is stored in local storage. So,if after logging in to the website, if user doesn’t log out then when the website is again accessed on the same device then the id will be logged in which was not logged out the last time.

1. check function:

This function is invoked when user sign up on the website, it checks if the information entered by user id valid or not and if not, then user is asked to enter the information again.

It is for validation of the signup form. In the validation of information, it checks id the username is already present or if phone number is valid 10-digit number or if the password is more than 8 characters or not.

1. logincheck function:

This function is used for the validation for the information entered by user while login on website.

1. signup function:

This function is used for storing the information of the user when a new user is added into the local storage.

1. login function:

This function is invoked when a user clicks on the **Login** button in the login form. This function checks if the user’s credentials are present in the local storage if the are not present then the page is directed to the signup page.

1. logout function:

This function is invoked when user clicks on the **Log Out.**

1. cart function:

This function is invoked when we click on

**Add to cart** button. By clicking on this button, the item gets added to the cart of the user.

Another button which invokes this function is **Go to Offers** button on main page of the website.

viii. gotocart function:

This function is invoked in when we click on

**GO TO CART** in the navigation bar, it directs to a new page where items which are added to cart are shown in form of a table.

ix. remove function:

This function is when user clicks on **Cancel** button in the cart. When we click on Cancel the item is removed from the user’s cart.

x.order function:

This function is invoked when user clicks on the **Place Order.** When the user clicks on this button the cart of the user is cleared or emptied.

These all function are used to store the information of theuser and access it. The information is stored in local storage.