

Thought Note

Topic: E-Commerce Website (First Capstone Project)

In this Project, I prepare 14 HTML Pages, 1 CSS page and 1 JavaScript Page. The Three main pages are “index.html”, “style.css” and “code.js” for ecommerce project structuring, styling and dynamic interactivity but also mainly we use Bootstrap classes for the responsiveness, styling and structuring of the page. Apart from Bootstrap, we also use jQuery and some links for fonts in different html pages. Header and Footer pages will not be count as pages now because we are going to insert them in different HTML Pages with Javascript using jQuery. So let's begin with the steps:

- To make page responsive, simply adjusting their width, with their column slots for each possible screen because width is adjusted equally to all 12 columns whenever the size of screen changes. You can see my values in my code, which deals with the responsiveness part of the page, carousel and cards specially.
- Generating Header and Footer dynamically with the help of jQuery and creating individual ‘div’ in each HTML page for header and footer with their ‘id’ attach with their ‘div’. Also we use ‘sticky-lg-top’ Bootstrap class for some HTML pages which helps our header stick on its top position until the screen size reduce to medium or small.
- Our Header is divided into two parts , NavBar-1 and NavBar-2.
- “style.css” is use for some styling in some elements like carousel buttons, carousel cards, for background image, text shadow for all h1 elements, etc. I also mention the uses of each CSS, you can check values in my CSS code .
- In “code.js”, I did some things but its main use is to attach header and footer page with other HTML page including our main page “index.html”. There are also some JS logic codes for cart page and login page, please check it out.
- Talking about our main “index.html” page, it consist of two divs for attaching header and footer. Apart from that we make div for logo (with the help of free logo creator -The Hoth) and arrange the logo in center by changing the display of ‘div’ to grid and using attributes like ‘justify-content-center’ and ‘align-items-center’ and also giving a background image to the ‘div’. In last we create a carousel for 5 different screen sizes like for extra-large, large, medium, small and extra-small. And all of the card image height(for all html pages present in this project) is adjusting using CSS class (c-img-height). And last header and footer contains all the necessary links of html pages like all products page, login page, etc.
- In “product.html” page, I create cards for almost all the products which is available in our website with proper responsiveness. And ‘Add to Cart’ button is working for almost all the cards including other pages like index page-carousel cards, men women kids section cards. You can check.
- In Women's Section, I create 4 html page with different product listing mention for the project:

★ All Products page consist of all product cards available for Women in our Website.

- ★ Dresses page consist Dresses for Women available in our Website.
 - ★ Pants page consist Pants for Women available in our Website.
 - ★ Skirts page consist Skirts for Women available in our Website
- In Men's Section, I create 4 html page with different product listing mention for the project:
 - ★ All Products page consist of all product cards available for Men in our Website.
 - ★ Shirts page consist Shirts for Men available in our Website
 - ★ Pants page consist Pants for Men available in our Website.
 - ★ Hoodies page consist Hoodies for Men available in our Website.
 - In Kids Section, I create cards for almost all the products which is available in our website especially for kids, with proper responsiveness.
 - In contact us page, I create different but responsive layout. In the left section, we can see a photo which is captured from my phone and in the right section, we can see our form which needs details like your full name, email-id, phone number and message section and all the fields are marked as required. You just need to click on 'Submit' button and you can see yourself. The image is vanished from the page for medium and small screen sizes, the purpose of doing this is to help user to fill the details first and not wasting time on scrolling the image when the user is on medium or small screen devices.
 - In Login page, there are two inputs need to fill, your email-id and password. We use JS Logic here for email-id password, it generate an alert pop up window when you submit your details. Alert box only shows 'Login Successful' after filling the correct details (Correct details for email [admin@admin.com] and password [123456]). Otherwise, it shows 'Incorrect email or password'.
 - In Cart page, it contain two cards with different columns allotted to them for responsiveness.
 - ★ In first card, it contains a header and main content which is card-body. I use card body columns and divide into 3 different columns. 1st column consist of a photo with width of 75%. 2nd column consist of text and a delete button. 3rd column consist of a plus, display box with number 0 and a minus button. This card is working because we use JavaScript Logic for the shopping card.
 - ★ In Second card, it also contains a header and main content. We divide main content box into three rows. You can see my code for clarity. And also check the 'Checkout' button which consist a working Modal along with a message.
 - I store different pages in different folders and giving appropriate path of links in different html pages. And last there is a icon in left side of the Tab which is added using link attribute.

Thank You for Reviewing my website, have a Great Day!

Regards

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