KSHITIJ WEB DEVELOPMENT WORKSHOP

Assignment 1

Deadline: 16ᵗʰ May 2021, 23:59:59

OVERVIEW

Imagine you start your own restaurant. But now you realize that not many know about your restaurant and you are going into a loss. So start finding ways to create hype for your restaurant. On asking one of your friends, he advises starting a website for your restaurant. Now as you are in your starting phase, you don't even have enough money to hire a web developer. Hence you decide to do it yourself. And now you have to design a website **only** using **HTML**, **CSS** for your restaurant.

SECTIONS OF WEBSITE

Now you list down all the major sections of the website. The website will be made for your restaurant so you can imagine what all will be the major sections for the website :

1. Intro Section
2. Specialties Section.
3. Our Recommendations Section
4. Reviews Section
5. Footer

NOTE: All the Sections mentioned are on the same PAGE (SINGLE PAGE WEBSITE)

DETAILS

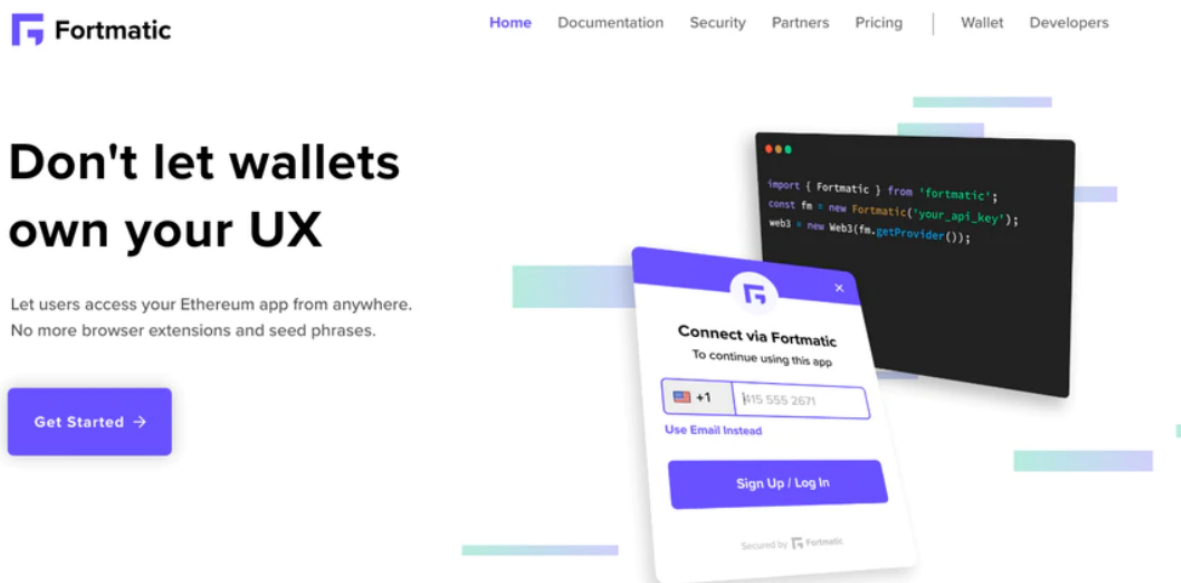## 1. INTRO SECTION :   (15+9)

    a. Top Navigation Bar :

1. There should be a top Navigation Bar that will redirect you to the different sections of the Page. Make sure that when a link is clicked it should scroll smoothly to the section.   (6)
2. The navbar should be fixed and should be at the same position even after scrolling the page. Add a logo on the left part of the navbar. Try adding hover effects too.   (9)

    b. Intro Page:

1. The main intro Page should be divided into two sections vertically. (Try using flexbox). One side should have the cover page for your restaurant and the other should have the name of your Restaurant with a subtitle in a bigger font. Also, add a button below the title to redirect to your Specialities Section (Button can be Check our Specialities)   (9)

An example of how it might look like.

2. SPECIALITIES SECTION :   (30)

1. The Specialities Section should have a title. Also, add a subtitle to it(Try to make it attractive using some CSS effects)   (3)
2. This section should contain cards to show your special dishes.   (6)
3. The Card should have an image of your dish, a title, you can also show a sign if the dish is veg, or non-veg (on the corner of the card). Below the title of the dish, you can add maybe a discount and a short description of the dish.   (12)
4. On the bottom right corner also add the price of the dish.   (3)
5. Add a button beside the title on the leftmost side saying Add+ which will not work now but it should only change its appearance to Added (in green color). (use class name: focus to implement this).   (6)
6. You can add 4 to 5 cards in this section.

3. RECOMMENDATIONS SECTION :   (17)

1. This section should again contain the dish cards but some more cards in this section. (6)
2. This section should be similar to the specialties section with the only added idea that you have to add a search bar on the top of this section below the title and subtitle of the page. (3)
3. This search bar should have a simple magnify icon and one should be able to type anything on the bar. (Example: youtube search bar). Try to add Hover effects and beautify the search bar.   (8)

4. REVIEWS SECTION :   (24)

1. This should have two parts of the page. The first part should contain cards that have reviews of people for your restaurant. This card should only have an image of the person, their name, and their review. Maybe 2- 3 cards would be fine over here.   (9)
2. The second part can contain a simple form asking for a review which can contain fields like name, email, and their review. Design the form to make it look good and professional. Also, add a submit button for the form. Again this form will not work.   (15)

5. FOOTER : (20)

1. The footer should contain social media links. Here you can use icons to the social media links, such that clicking on the icons will redirect you to the link. (6)
2. Here you can also add demo links like terms and conditions, Privacy policy, Copyright information, etc in the footer section. (6)
3. The links should open in a new tab. (3)
4. Also, add a back-to-top button that navigates you smoothly to the top of the page. (5)

BONUS : (85)

1. Try implementing the Responsive Design if time permits. This includes things like the top navbar should resize itself, the cards should align themselves according to the size of the screen if anything looks out of shape or overlaps then you have to use media queries to make it work for smaller widths. (This is not expected to be completed within a week from someone learning web development for the first time. Chill) (30)
2. Replace the top navbar with a Hamburger Menu in the mobile version of the website. Try to do this using only HTML and CSS. (It may not be as good as a Javascript one but you'll learn a lot about CSS this way) (15)
3. Try adding a hover effect on the card such that after hovering the card will extend in size and display a 'Know More' button. This 'Know More' button will then display a Modal that will have an image, title, and complete recipe of the dish. (Don't write an actual recipe; you can add lorem ipsum). And a button saying Buy. (Again a dummy button with dummy effects) (15)
4. While opening the website, it would ask you to choose whether you want to view the things in Dark Mode or Light Mode. Selecting this option will take you to the home page, with the chosen color scheme. (15)
5. Use an SVG animation for the Intro Section. Refer to the link for this ->
   https://www.youtube.com/watch?v=gWai7fYp9PY (10)

WORDS OF ADVICE :

1. The first section (the intro Page) will be the hardest one to complete. As you might not get the exact tutorials to complete the page. Also, the navbar would be a tough job for someone trying it for the first time. But learning flexbox will surely help you to make this task easy. Don't lose hope that you are not able to complete the first section itself, the later ones will be easy to complete through the tutorials.

2. Before starting your assignment remember that you not only need to code but also design the website. This not only includes HTML, CSS but also other important aspects like deciding your color scheme, fonts, icons, images, spacing, etc. Check out some professional websites to get an idea of how they keep their color scheme, font pairings, spacing, etc. (It's still fine if it doesn't look cool just remember it was your first try.)

3. Try adding hover effects and animations wherever possible. This will always work for your website. Don't keep underlines for the links.

4. Learn how to open dev tools, test the responsiveness and get familiar working with dev tools. These dev tools will help you even while developing backends for your website.

5. You might not be able to make your site completely responsive but 75% of your site becomes responsive by using flexbox or grid instead of things like position: absolute, using rem and percentages instead of pixels wherever possible. Also, try avoiding properties like !important. Try using CSS variables and calc function. (This function would also help you with your responsiveness). Try learning Emmet shortcuts.

6. Although what features need to be implemented on the webpage is clearly mentioned, you still have a lot of room for creativity. You can play with the image positions, card designs, hover effects, animations, colors, etc. We expect you to channel your inner creativity into doing this assignment.

7. Every time you face any difficulty don't lose your hope or ask someone. The first thing that a developer does for a problem is google search. Always give it a try to solve your problem through google. You would mostly get answers to most of your questions. Still, if you aren't able to solve it we are always happy to help you. Note that this is not to avoid your questions so that you get used to this approach of solving problems. Development is all about Stackoverflow guys.

INSTRUCTIONS :

1. I don't want to say in big red bold letters things like **DON'T COPY THE CODE IF YOU'RE CAUGHT YOU WILL BE EXPELLED FROM WORKSHOP, ETC, ETC.** (Ok sorry, I still did it.) So first of all this assignment is not going to make you a millionaire but is just to test yourself. You can copy the code for this assignment but eventually, as the workshop progresses the assignments will be such where you would not be able to copy it from anywhere and would eventually leave the workshop. This would only mean that the time you gave to copy code for the first assignment was just a waste and you never learned anything. We ain't expect much, but we expect honest work.
2. Strictly, do not use Javascript in this assignment. All the sections(including modals and hamburgers) mentioned in this assignment should be made using only HTML and CSS.