

ASSIGNMENT 1

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THE DESIGN ANALYSIS & IMPLEMENTATION PROCESS

1. Analyse and observe the design thoroughly.
2. Identify the HTML elements used in each section of the design.
3. Break down the designs used identifying every small design detail in CSS
4. Apply the “Applied - Tested” method by testing in the browser’s developer’s tools/inspect section.
5. After testing and getting desired outcomes, pen down solution.
6. Start implementing the solved code in you codebase from HTML, to CSS, to JS
7. Test the implemented code with each new addition.

MUBEEN PAGE DESIGN BREAK-DOWN AND ANALYSIS

1) IDENTIFY HTML ELEMENTS USED IN EACH SECTION OF THE DESIGN

SECTION 1:

- header, div, img/h1 (for logo), nav, ul, li
- div, img, h2/h3, span, br, p, a

SECTION 2:

- h1/h2/h3, span, div, ul, li, img, button, a

SECTION 3:

- div, h1/h2/h3, p, button,a, hr
- p, img, a

SECTION 4:

- div, img, p, button, a

SECTION 5:

- div, h1/h2/h3, span, p, a, img (x3)
- button, a

SECTION 6:

- h1/h2/h3, p
- div, img, h1/h2/h3, p, a (x4)
- div, img, form, input, textarea, button, a

SECTION 7:

- p,
- Div, img, a

SECTION 8:

- Footer

2) DETAILED CSS BREAK DOWN AND ANALYSIS

Section 1:

- A header at the page top, that extends the whole width and has a white background.
- Within the header - to the left is a text logo, in a bold font-style and to the right is a horizontal navigation section with five links.
- The navigation links are all in black font color, with each of them having a margin around.
- The logo and the navigations links are separated by a gap between them.
- Both these elements are aligned horizontally.
- After the header, a section with a grey background occupies the whole width and it has a set height.
- At the center of the section, is an image with a circular border.
- The image is offset from the top margin of the section and pushed vertically downward past the bottom margin, occupying some of the top part of the next section.

SECTION 2:

- The section has a white background spanning across the entire width.
- There is a heading at the top that has different font weights. The heading is also separated into two different lines using a line break.
- The first word is in a light style while the second word that is on the next line is in bold styling.
- This heading is at the center of the section and is offset from the top by a margin.

- After the heading, there is a paragraph that occupies roughly about 50% of the screen width and is also centered. This leaves a margin both on the left and the right of the paragraph.
- Then there is a link at the bottom that has been modified, to a black font colour. The link is centered and is offset from the paragraph.

SECTION 3:

- On the left half of the page, there is a heading, also with a dual styling. The first two words being light and the last word being bold.
- This heading is also aligned to the right
- Below the heading is an image that is pushed down so that it occupies 2 background colours, the top white one and the bottom, gray one.
- On the right half of this section, first, there is an image whose top is vertically aligned with the top of the heading on the left side.
- Below the image is a button aligned with the left margin of the image

SECTION 4:

- A heading with three line breaks, a large font size and mixed font styling is at the center of the page, together with a paragraph to its right and immediately below the paragraph is a button with a black background, white text and shadows.
- The button is lightly offset from the bottom of the paragraph using margins.
- All these elements are at the center of the page, with a margin at the left, right, bottom and top.
- A horizontal rule divides this page and the next. The rule covers around 70% of the page width and it is centered.
- Below the horizontal rule, a center-aligned paragraph is placed with a spacing/margin above it and below it.
- It is followed by an image of arrows which is also centered and has a slight bottom margin that separates it from a link that has black font color and no text decorations.

SECTION 5:

- In this section, we have images arranged in a 3x4 grid.
- The images have a uniform margin around each one of them and they all have equal margins from the screen borders
- The image sizes are uniform and their edges have a slight radius.
- Each image has text overlaid at the top-left position of the image and another text at the bottom-left with a white background.
- The image grid has a top and bottom margin that separates it from other elements.
- After the bottom margin, there is a button that links to "read more".
- It is styled with a black background and white text and a shadow

SECTION 6:

- To the left of the screen, there is a div containing a heading, a paragraph and a link.
- This div has a slight margin that offsets it from the left edge, and another that separates it from the image on the right.
- The first element in the left div is a heading with two words in bold styling and the third in light styling.
- The text is aligned to the left.
- Below the heading is a paragraph separated from the heading by a margin.
- Below the paragraph, there is a link to view more projects. It is in black font color and has an underline. It is aligned to the left.
- The image on the right is sized, roughly to the width of the left div and its height as well.
- This same pattern is used again for two more projects descriptions following the first.
- Finally, there is a button to see all the projects. It has a black background and has shadows

SECTION 7:

- A center aligned heading in bold, with a top margin and a slight bottom margin.
- It is followed by a very short phrase that is also centrally aligned.
- After the phrase, there are four divs aligned horizontally that employ the same design.
- The first item in each div is an image with a circular border.
- Below it is a heading in bold, offset from the image by a slight margin, and below it is a link to contact information.
- All the elements in the div are centrally aligned.
- Under the four divs, there is an image to the left with a form on the right.
- The form on the right has three input fields, a textarea and blue coloured submit button with a border radius at the end of the form.
- These elements are evenly spaced and the button is aligned to the left of the input fields.
- Below the image and contact form, there is a margin that separate it from the next section.

SECTION 8:

- This section has an image background that covers the entire width.
- This section also has a set height
- There is a paragraph that is centered and taking around 60% of the width of the page.
- Below the paragraph are five social icons, that are for social links. Each icon is spaced equally from the last and aligned to the center.
- There are margins all around these two group elements.

SECTION 9:

- At the bottom of the page is a horizontal rule that is white and covers close to 85% of the width.

- This section only has a two-word paragraph that is right at the center of this section
- This section's background is entirely black and the text is in white.