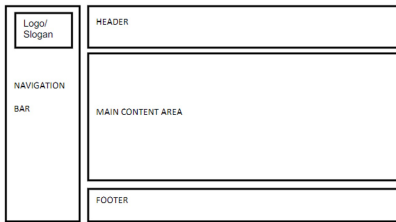


Assignment 1 - Part PA

Tuesday, 24 August 2021 2:20 PM

PA Part (20 marks)

Create a single **PDE** document, with the format **HCI Analysis.pdf**. **No other format and name will be accepted.**



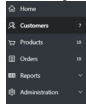
a. (2 marks) Which links must be placed in the navigation bar? Justify your answer by providing examples. Be realistic in your answer as you will have to program these features as part of your website creation. Your answer should not exceed 1-2 page(s).

The links placed in the navigation bar must include 4 links:

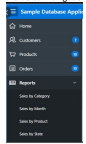
- Home
- Service
- COVID-19 Resources
- Contact Us

These can all be formatted in multiple ways, examples including:

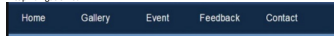
- A Side bar navigation



- A Side bar navigation with burger menu



- A top navigation bar

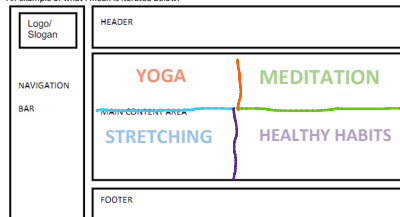


Though there are multiple possibilities, the side-bar navigation will be used as it was suggested by the committee.

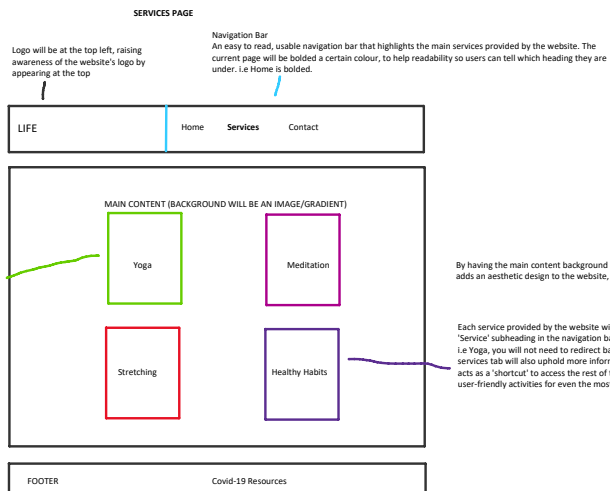
B. (2 marks) What kind of content should be placed in the main content area of the website to facilitate wellness of clients? Justify your answer by providing examples. Be realistic in your answer as you will have to code these features as part of website creation. Your answer should not exceed 2-3 pages.

The main content area of the "home" page will include pictures of the main services the website will provide, accompanying a hyperlink that redirects the user to the specified service upon clicking it. This content includes the services provided by the LIFE website, including: Yoga, Meditation, Stretching and Healthy Habits. The reason for this being on the home page is because this is where the users will be upon first clicking on the link, meaning it promotes awareness and importance by being on the front page, as well as being easily accessible.

An example of what I mean is iterated below:



C. (2 marks) Suggest an alternative (to the one shown on page 2) layout for the website. You will need to draw a well-labelled diagram of the new layout. Consider the features of HTML5 and CSS3 that might help in creation of this layout. Analyse the layout considering the points such as: ease of use of the website, how user-friendly the layout is? & is the layout easily editable or extended in future (this is important as clients change their needs, requirements and thought process and website layout needs to be altered for future versions)? Your answer should not exceed 1-2 page(s).



E. (4 marks) Create the layout suggested by you in task C with HTML5 and CSS. Use of HTML tables and ready-made online templates is not allowed.

Done, file is hosted here: <https://uipster.csiit.milb.edu.au/~3902169/wp/a1/>

F. (6 marks) Once the layout is created, you must think of some sensible website content. Use the following as a guide:

Home page - DONE
Services page - DONE
Contact page - DONE

G. (2marks) Add the COVID-19 resource(s)and appropriate information in the footer of the website.
DONE

D. (2 marks) Suggest and explain four ways to make LIFE website accessible. Be realistic in your answer as you will have to code these features as a part of website creation. Your answer should not exceed 1-2 page(s).

1. The first way is to structure and organize your website with headers, and footers. Headers will allow users to easily navigate the webpage, by making more important headings a bigger font, less important headings a smaller font, etc. This helps set out the website layout and allow me to put in different graphs, pictures, content in different parts of the website without looking 'clunky' or a mess. This helps improve user accessibility and ease of use.
2. Side navigation-bar with burger menu. By making the side-navigation bar in a burger menu, it can promote the main page to hold more information that would have been taken by the horizontal navi bar. This also greatly helps mobile accessibility, as a top navigation bar will take up alot more space on a mobile aspect ratio as opposed to a desktop website.
3. A search function. A search function will be helpful in locating links that the user may need in quick succession rather than navigating through tabs to find a specific link. This improves user accessibility, and promotes retention.
4. Add stylish design and colourful palettes to the website. By adding different colours and similar palettes, while also sticking to a certain colour theme, it can attract viewer attention and promote user-friendly accessibility by having an aesthetic design. This also means it would not overwhelm the user's eyes, and keep a nice, coherent visual for viewers to read and access.

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