

# **INDIVIDUAL ASSIGNMENT**

**LANKA**

**COMP40004**

## **WEB DEVELOPMENT AND OPERATING SYSTEMS-1 COMK2461**

**HAND OUT DATE: 15<sup>th</sup> July 2024**

**HAND IN DATE: ASSIGNMENT2: 13<sup>th</sup> September 2024**

**WEIGHTAGE: ASSIGNMENT 2: 30%**

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### **INSTRUCTION TO CANDIDATES:**

- 1. Students are advised to underpin their answers with the use of references (cited using the Harvard Name System of Referencing).**
- 2. Late submission will be awarded zero (0) unless Extenuating Circumstances (EC) are upheld.**
- 3. Cases of plagiarism will be penalized**
- 4. Assignment presentation should be submitted in the form of softcopy and hardcopy both; modeling work should be submitted in softcopy form**

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# 1.Title

**Report Name: Hospital website and Wireframes**

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Mallesh**

**CB No: CB015988**

**Date: 16/08/2024**

## **2.Acknowledgement**

**I would like to express my gratitude to my lecturer Mr. Pradeep Pallegama to helping me to get a good understanding, making web development lectures interesting and to guiding me through the WDOS 1 module.**

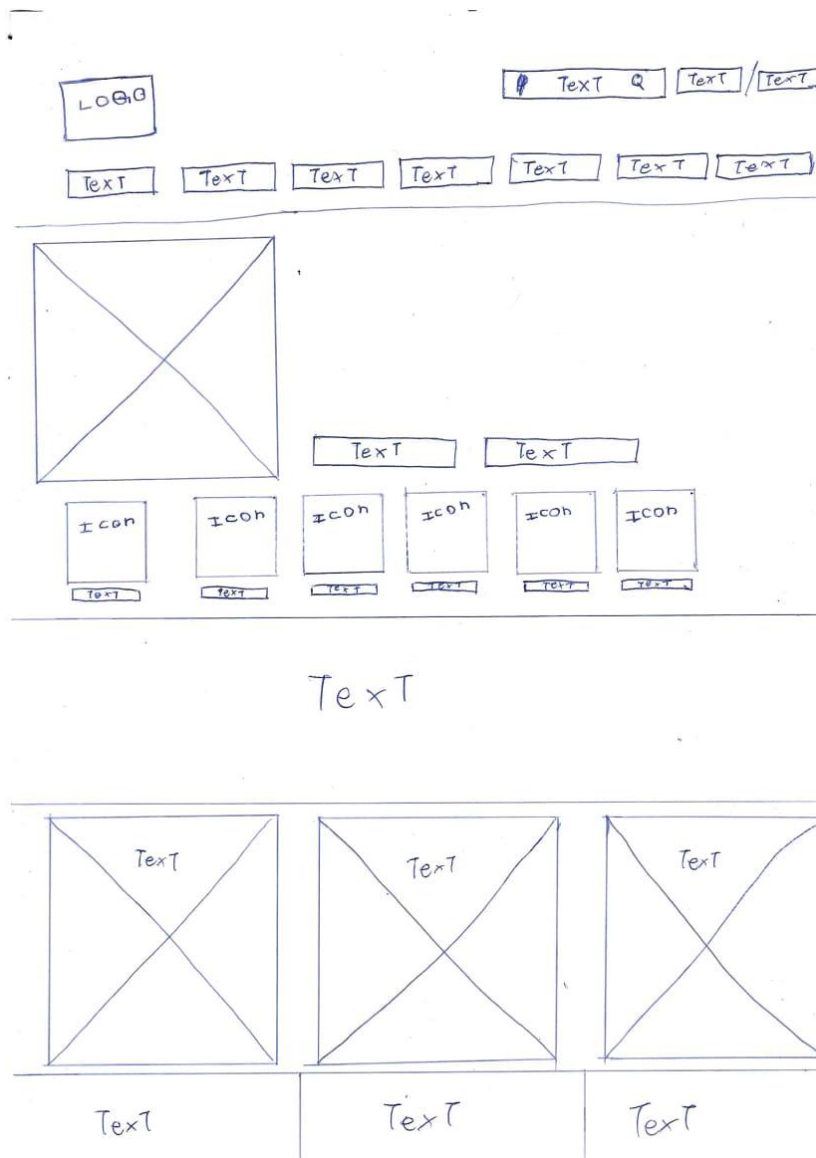
**I would also thank and my fellow batchmates for helping me and clearing my doubts when I was not able to get few things done properly and for making all the lectures fun and motivational by encouraging me.**

**Thank you all for being there for me supporting me till now!!**

# **3.Introduction**

**This report outlines the process and key elements involved in me developing a hospital website, named "Lifeline Hospital." The website includes multiple pages such as Home, About Us, Services, Doctors, Consulting Reservation, and Pharmacy. The project follows the requirements specified in the assignment, with a focus on creating a website using pure HTML and CSS.**

## 4. Wireframes



home page

LOGO

Home

About us

Services

Doctor

Pharmacy

Contact us

Search

Login/Sign

## ABOUT US

image

text

image

text

image

text

text

text

text

text

text

text

text

text

text

text

text

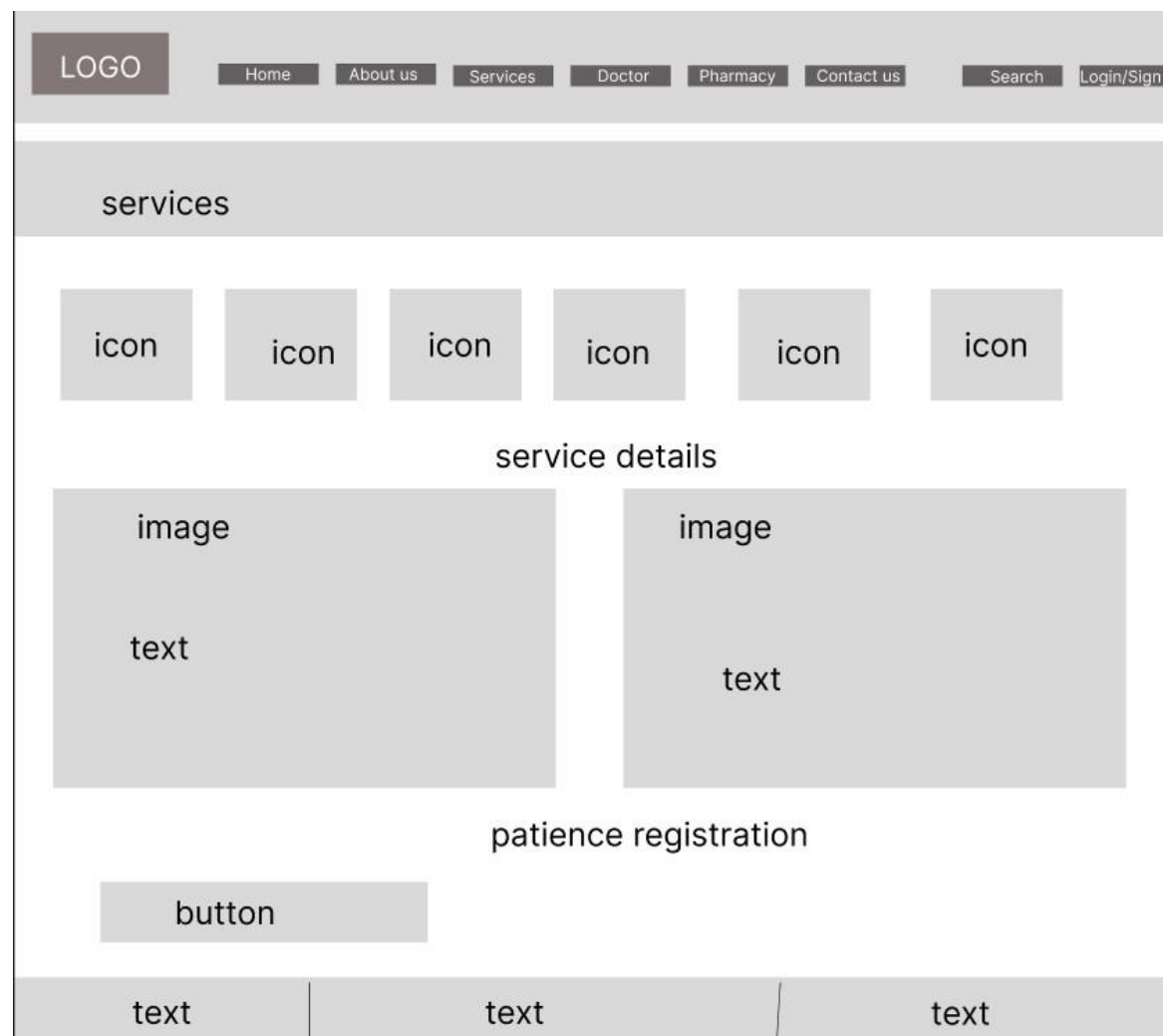
text

text

text

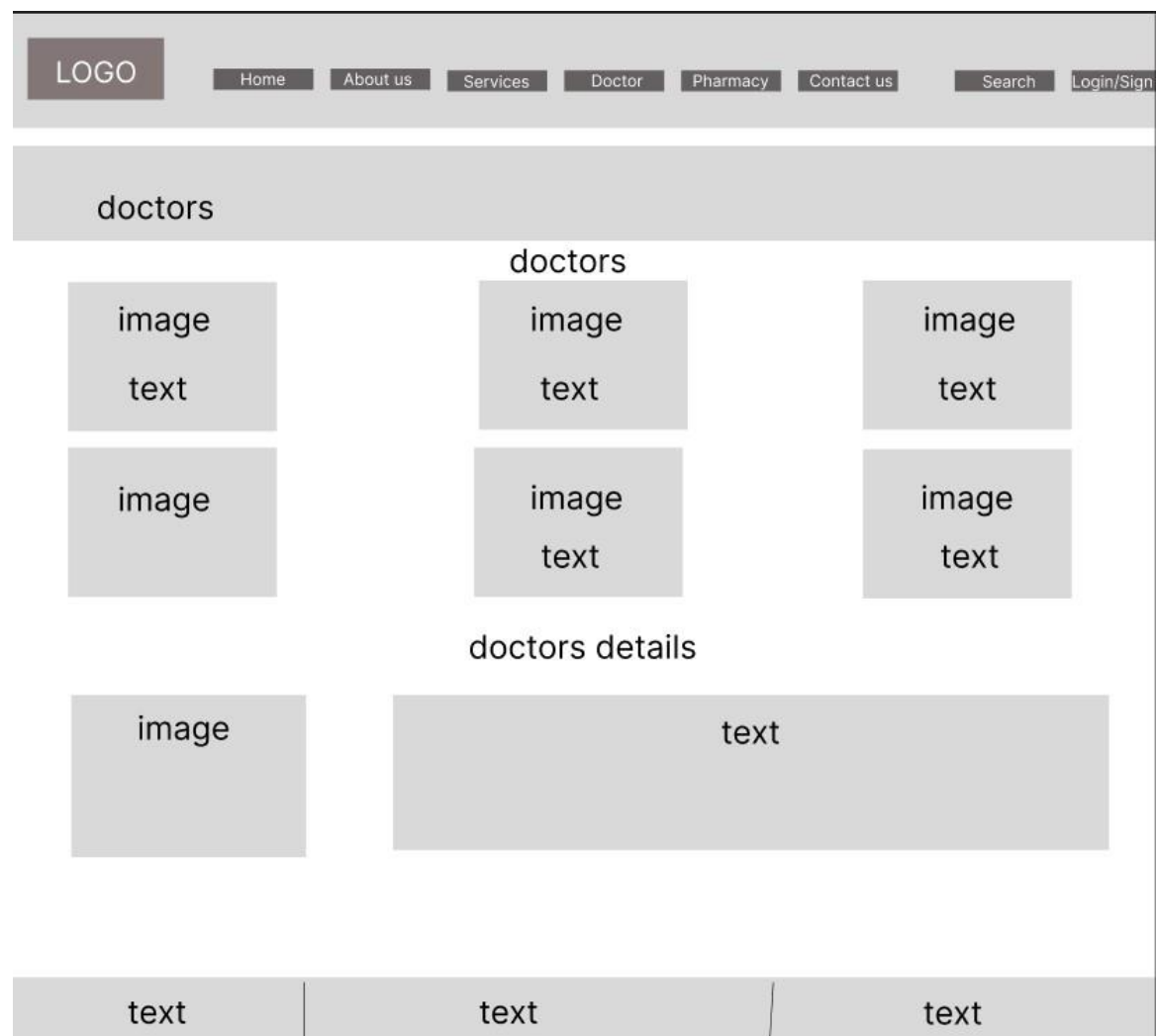
text

## About Us



## Services





## Doctors

LOGO

Home

About us

Services

Doctor

Pharmacy

Contact us

Search

Login/Sign

Consulting Reservation

patients information

lable

input text

lable

input text

lable

input text

lable

input text

appointment details

lable

menu

lable

menu

lable

date

lable

time

lable

input text

confirmation & submission

checkbox

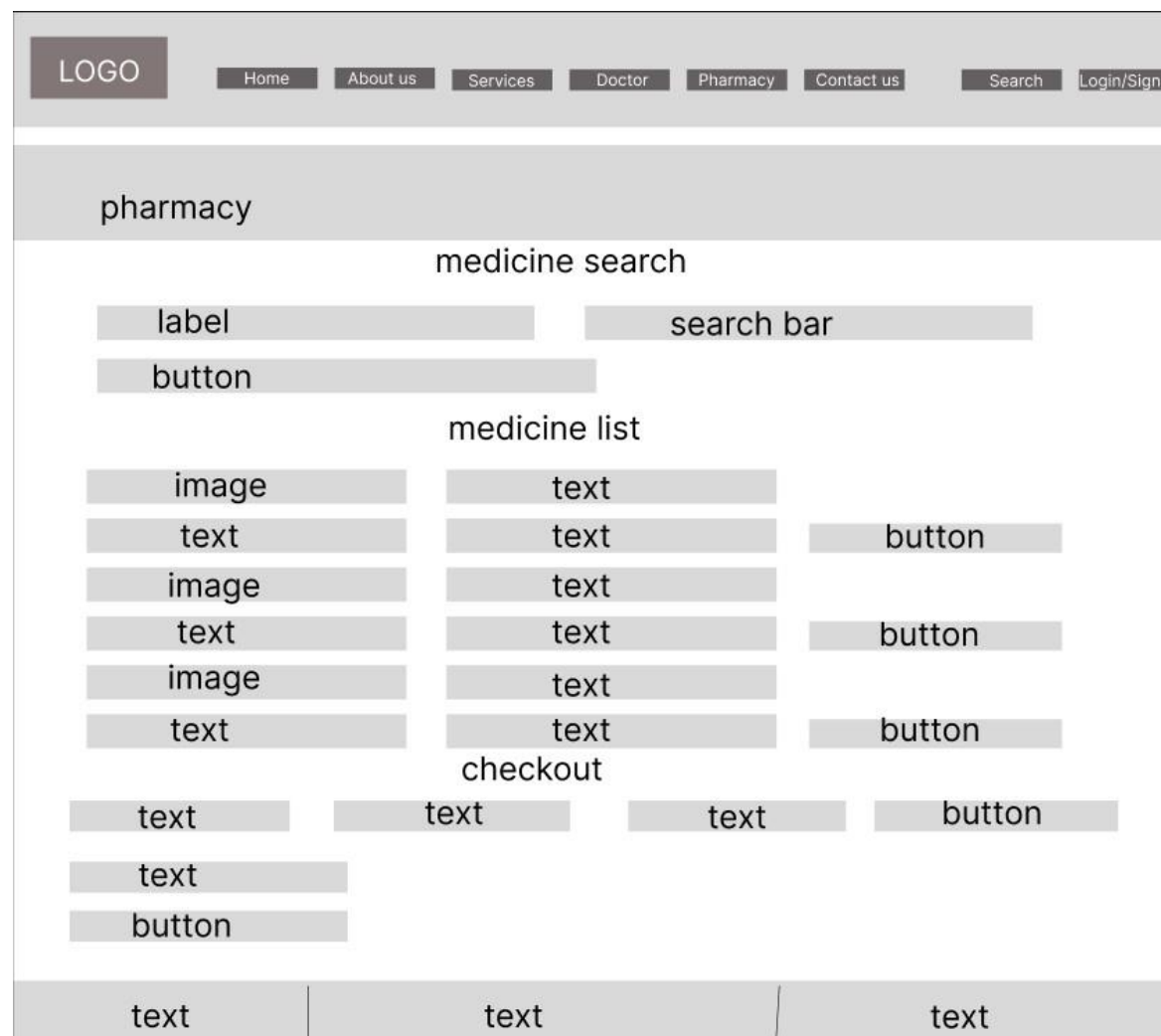
button

text

text

text

## Consulting reservations



## Pharmacy

## 5.Challenges Faced

During the development of the website, I faced several challenges, which provided valuable learning experiences

- 1.The first problem I faced was with the logo as I was not able to resize the logo and had a background problem and then I had to change the code from `<section></section>` to `<figure></figure>` which helped me resize the logo through CSS and add the logo in the proper place.
- 2.The second problem that I faced was with the CSS as I could not find the proper way of make my CSS code responsive to mobile view and to few figures that I added in the HTML.

## 6.What I have learned

Throughout the assignment I gained a deeper level of understanding about several web development concepts and the functions of some new commands which were helpful for me to make my website the way I wanted it to be previewed by others:

- **Semantic HTML:** The importance of using semantic tags for better accessibility and SEO.
- **Responsive Design:** How to create layouts that adapt to different screen sizes and devices.
- **CSS Techniques:** Learning how to style web pages effectively using CSS, including the use of Flexbox and Grid for layout, and how to create responsive images a text.

## 7.Reference

- **Asiri Hospital Website:** Used as a reference for content structure and design inspiration.
- **Suwasewana Hospital Website:** Used as a reference to create the Logo
- **YouTube: LearnCode.academy** this YouTube channel helped me with few coding that made me change my website a bit
- **Flex Froggy:** A game which helped me understand the purpose of flex when creating a website
- **Grid Garden:** A game which helped me understand the purpose of Grids when creating a website
- **CSS Tricks:** Articles and examples on responsive design, Flexbox, and Grid.