INDIVIDUAL ASSIGNMENT

LANKA

COMP40004

WEB DEVELOPMENT AND OPERATING SYSTEMS-1
COM2461, COM2462, COM2463, COM2464

HAND OUT DATE: 15th July 2024

HAND IN DATE: ASSIGNMENT2: 13th September 2024

WEIGHTAGE: ASSIGNMENT 2: 30%

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

Hospital Website Wireframes

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Course Title	Web Development and Operating Systems

Contents

Acknowledgement

With great appreciation, I would like to thank Mr. Musharraf Azhar, my lecturer, for his guidance and assistance during the report about wireframes designed for a hospital website project. His efforts and encouragement were important in making this report successful.

Introduction

The Hospital website project offers an easy and convenient user experience across various devices in order to satisfy the needs of patients, Visitors, and Staff. The Website was created using only HTML and CSS and complies with industry standards for Web design and development. The project's wireframes, which describe the website's structural and visual structure and direct the development process are highlighted in this report.
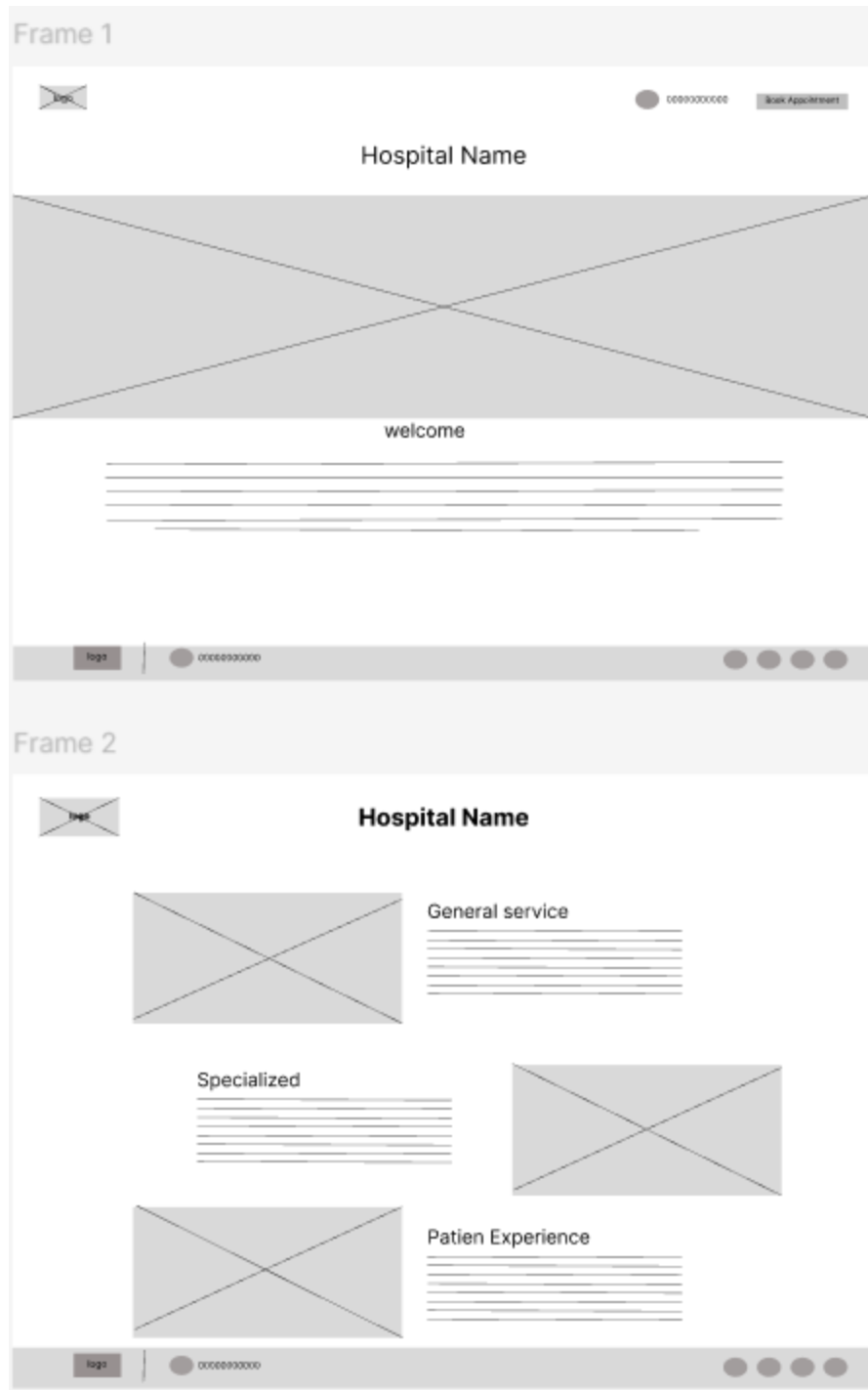
Learning Outcomes

- Learned to translate conceptual ideas into visual layouts.
- Recognized the importance of planning before development.
- Applied principles of responsiveness, visual hierarchy, and user-centered design.
- Created intuitive and accessible wireframes for various devices.
- Anticipated and addressed design challenges related to different screen sizes.
- Refined designs to balance content, usability, and aesthetics.

Challenges and Solutions

- **Adapting Design for Various Devices:**
  The challenge is making ensuring the website works and looks good on small mobile devices as well as huge screens.
  Solution: To guarantee that content is appropriately shown across all screen sizes, separate wireframes were created for the desktop and mobile views using flexible grids and breakpoints.
- **Managing Content Density:**
  The challenge lies in providing all the information that is required without packing the pages too full so that people can find what they need with ease.
  Solution: To improve readability and navigation, the content was thoughtfully divided into separate sections with obvious names. A logical flow and the use of negative space were also employed.
- **Maintaining Uniformity Across Pages:**
  The challenge is in maintaining a uniform style and layout throughout the website to guarantee a seamless and cohesive user experience.
  Solution: To create a unified appearance and feel, establish a consistent design language by using the same colors, fonts, and layout patterns on every page.
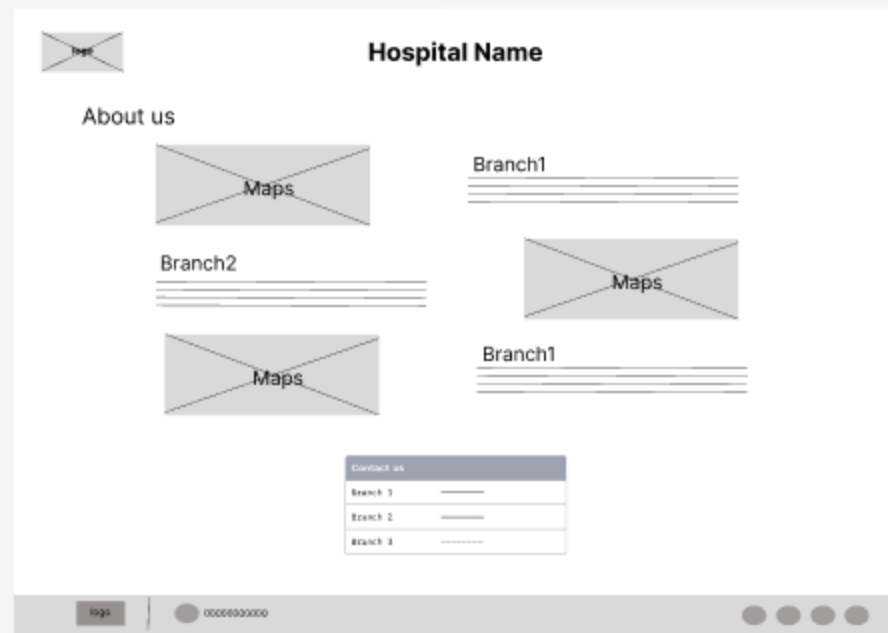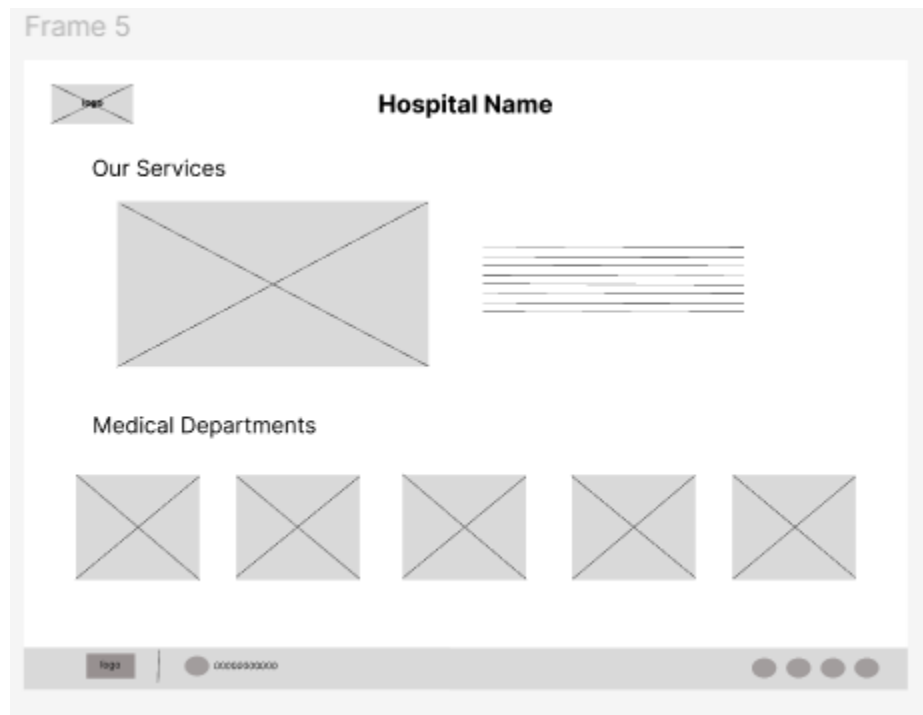
Desktop Version Wireframes
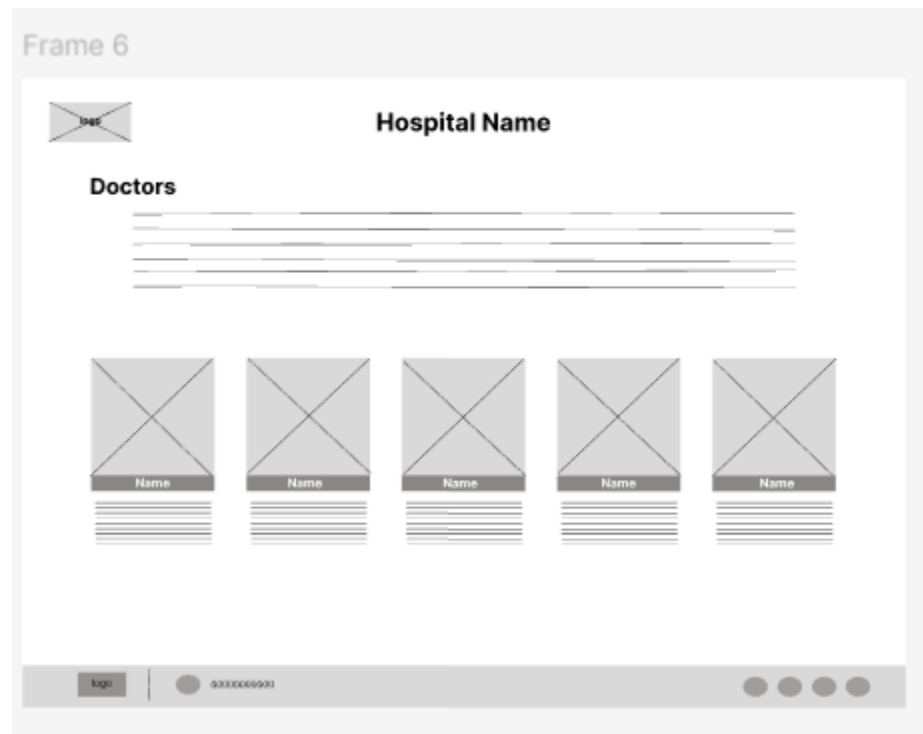
Home Page

About Us Page

Hospital Name

About us

Why choose Us?

Hospital Name

About us

Maps

Branch1

Branch2

Maps

Maps

Branch1

Contact us		
Branch 1	————	
Branch 2	————	
Branch 3	----------	

Our Service Page

Doctors Page

Consulting reservation page

Frame 7

Hospital Name

Book Appointment

Name

Phone Number

Email Address

Service ∨

Location ∨

Date ∨

Reserve

xxxxxxxxxx

Pharmacy page

Frame 8

Hospital Name

Order Medicine from Our Pharmacy

Order Medicine

Name

Phone Number

Email Address

Select Medicine ∨

Quantity ∨

Pick up Date ∨

Order

xxxxxxxxxx

Review Page

Hospital Name

Patient Reviews

Name

★ ★ ★ ★ ★

Name

★ ★ ★ ★ ★

Name

★ ★ ★ ★ ★

Mobile Version Wireframes

Home Page

About Us Page

Hospital Name

Why Choose us?

Hospital Name

About us?

Branch 1

Branch 2
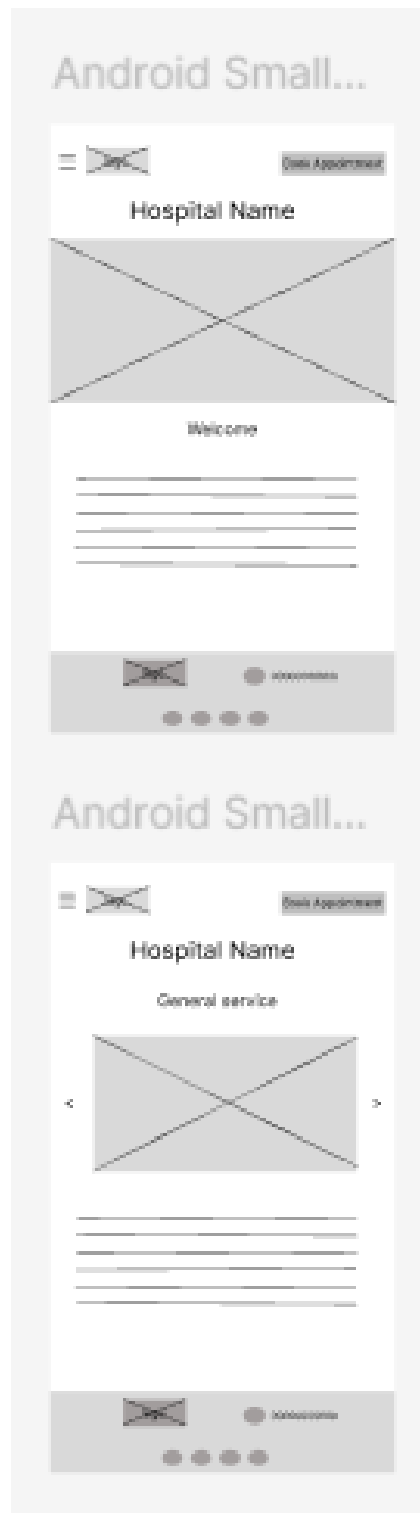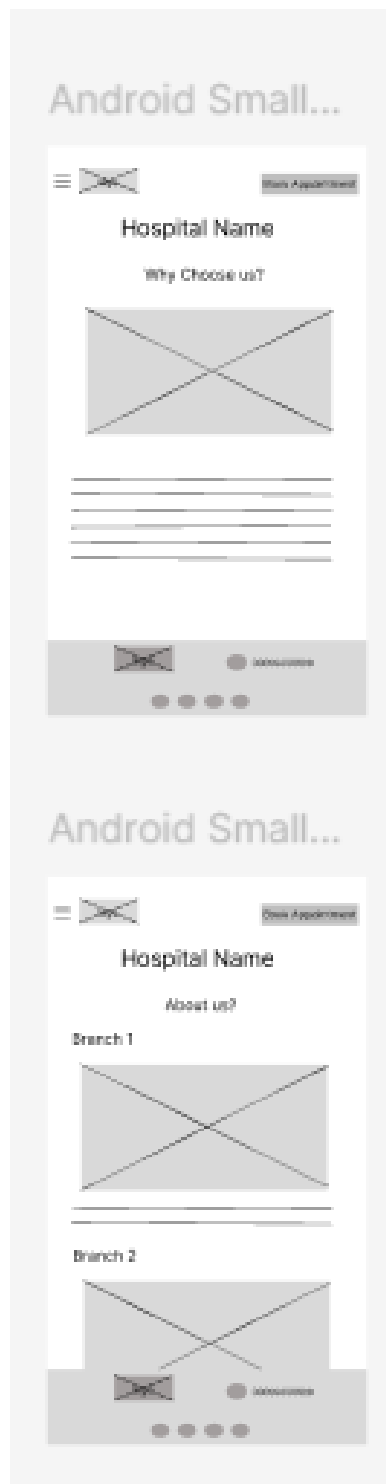
Our Service Page
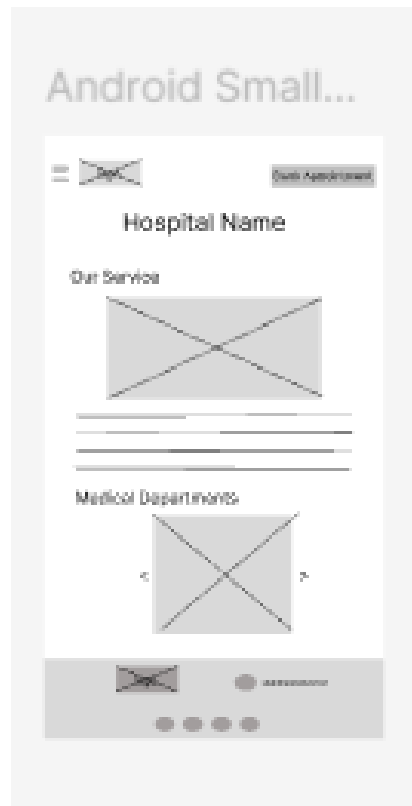
Doctors Page

Consulting reservation page

Android Small...

≡ 🖾

Hospital Name

Book Appointment

Name

Phone Number

Email Address

Service   ∨

Location   ∨

Date   ∨

Reserve

🖾   ⬤ ......

⬤ ⬤ ⬤ ⬤

Pharmacy Page

Android Small...

≡ 🖾

Hospital Name
Order Medicine from our
Pharmacy

Our Medicines

Name

Phone Number

Email Address

Select Medicine   ∨

Quantity   ∨

Pick up Date   ∨

Reserve

🖾   ⬤ ......

⬤ ⬤ ⬤ ⬤

Review Page

Conclusion

The wireframes for the hospital website are the subject of this study. Creating these wireframes helped me learn how to structure and develop a website. My task was to ensure that the website maintains its consistency and looks well across all platforms.

The wireframes will aid in the creation of a user-friendly, polished website. My knowledge of web design has increased as a result of this project, which also prepared me for the website's next stages.