

RAJALAKSHMI NAGAR, THANDALAM – 602 105



**RAJALAKSHMI
ENGINEERING COLLEGE**

CD23331

DESIGN PROCESSES AND PERSPECTIVE

Laboratory Manual Note Book

Name : **S.PRIYADHARSHINI**

Year / Branch / Section : **II / CSD / A**

Register No. : **2116231701040**

Semester : **III**

Academic Year : **2024-2025**



**RAJALAKSHMI
ENGINEERING COLLEGE**

An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

BONAFIDE CERTIFICATE

NAME **S PRIYADHARSHINI**

ACADEMIC YEAR **2024-2025** SEMESTER **III** BRANCH **CSD**

UNIVERSITY REGISTER No.

2116231701040

Certified that this is the bonafide record of work done by the above student in the

**Design Processes
and Perspective**

Laboratory during the year **2024 - 2025**

Signature of Faculty - in - Charge

Submitted for the Practical Examination held on **21/11/2024**

Internal Examiner

External Examiner

List of Experiments	
1	Design to teach mathematics to the children of 4-5 years age in school in Rural sector
2	Design to help people to sell their handmade products in metro cities
3	Design a social media website and chat
4	Design a publication that support different languages
5	Design a publication that tells comic stories
6	Design an advertisement for mobile company
7	Design an advertisement for any political party with images
8	Design an advertisement for electronic products
9	Design an advertisement for food products
10	Design an interactive website for new institution
11	Design a blog that publish educational post
12	Design an interactive website for hospital management system
13	Design an interactive website for food selling app
Requirements	
Hardware	Intel i3 or AMD processor with 64-bit support;2 GHz or faster processor with SSE 4. or later- 8 GB RAM -Windows 10 64-bit (version 1909)or later - 1.5 GB of GPU memory -4 GB of available hard-disk space
Software	Figma, Adobe Photoshop, HTML and CSS
Operating System	Windows

LAB PLAN

CD23332-DESIGN PROCESSES AND PERSPECTIVES LAB

Exercise no.	Exercise Name	Required Hours
1	Design to teach mathematics to the children of 4-5 years age in school in Rural sector	3
2	Design to help people to sell their handmade products in metro cities	6
3	Design a social media website and chat	3
4	Design a publication that support different languages	3
5	Design a publication that tells comic stories	3
6	Design an advertisement for mobile company	3
7	Design an advertisement for any political party with images	9
8	Design an advertisement for electronic products	6
9	Design an advertisement for food products	6
10	Design an interactive website for new institution	6
11	Design a blog that publish educational post	6
12	Design an interactive website for hospital management system.	3
13	Design an interactive website for food selling app.	3

Course Outcomes (COs)**Course Name: Design Processes and Perspectives****Course Code: CD19341**

Outcome 1	Understand the various graphic design thinking process and phases
Outcome 2	Analyze and choose between various visual components
Outcome 3	Designing and communicating visual components
Outcome 4	Apply design concepts for media publishing and advertising
Outcome 5	Create website using different design concepts

CO-PO – PSO matrices of course

PO/PSO CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
CD19341.1	3	1	3	2	3	2	3	2	1	1	1	3	1	3	1
CD19341.2	3	-	3	-	3	-	-	-	-	-	1	1	1	3	1
CD19341.3	3	3	3	2	3	-	-	-	-	-	-	1	1	3	2
CD19341.4	1	3	3	3	3	3	2	2	2	2	2	2	1	3	3
CD19341.5	1	3	3	3	3	3	2	2	2	2	2	2	1	3	3
Average	2.2	2.0	3.0	2.0	3.0	1.6	1.4	1.0	1.0	1.0	1.2	1.8	1.0	3.0	2.0

Note: Enter correlation levels 1,2 or 3 as defined below:

1: Slight(Low) 2: Moderate(Medium) 3: Substantial(High) If there is no correlation, put “-“

Expt. No.:1 Date:

Design to teach mathematics to the children of 4-5 years age in school in Rural sector

Aim: To design a user interface for teaching mathematics to the children of 4-5 years age in school in the rural sector.

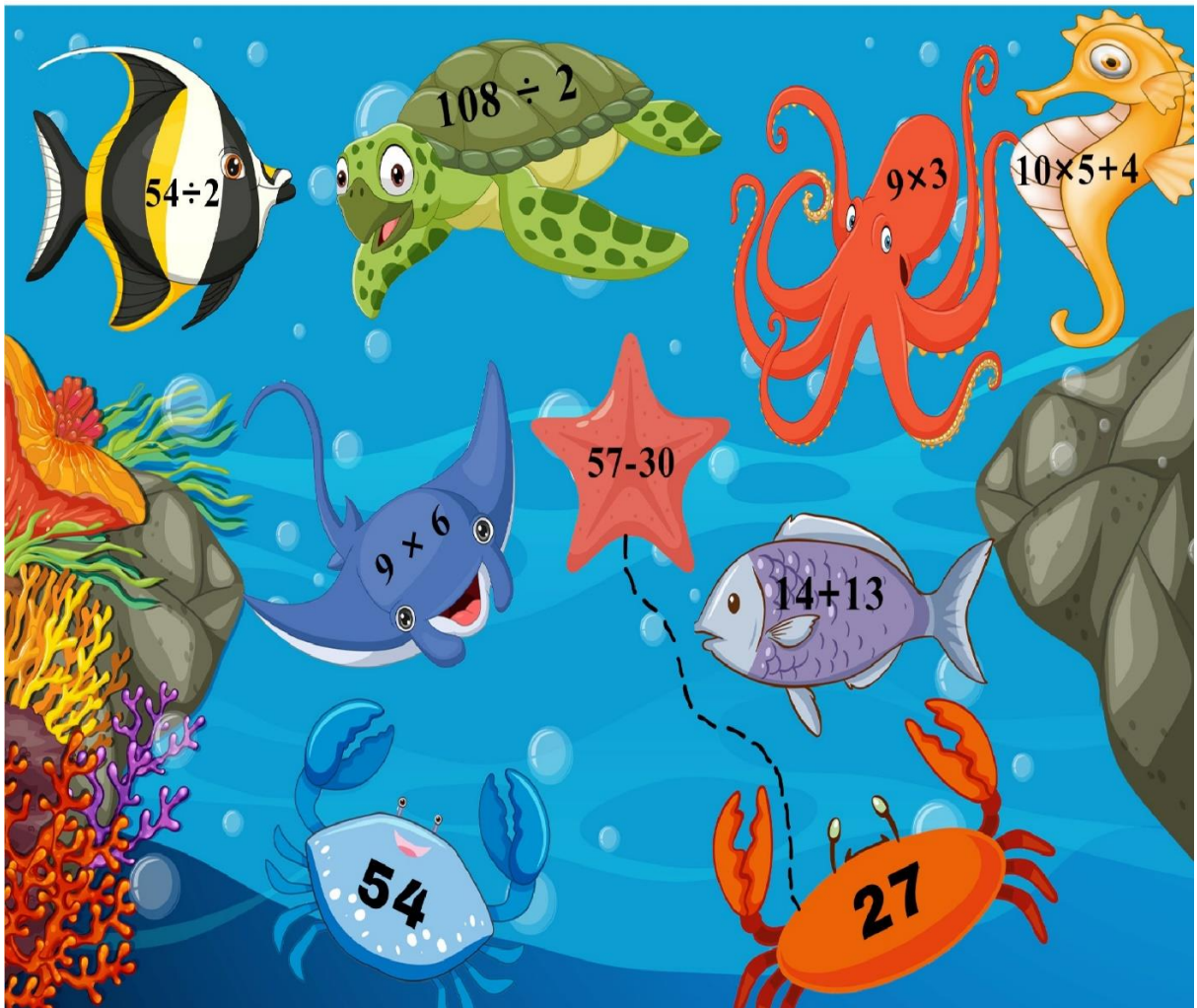
Tools: Figma, Photoshop

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used.
4. Buttons and attractive fonts have been used.
5. Proper navigation should be done to move from one page to another.
6. Login page has to be included.

Output:

MATCH THE CRAB TO THE CORRECT ANSWER



Result: A user interface for teaching mathematics to the children of 4-5 years age in school in the rural sector is deigned successfully.

Expt. No.:2

Date:

Design to help people to sell their handmade products in metro cities

AIM: To Design an UI that can help people to sell their handmade products in metro cities

Tools: Figma, Photoshop

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used.
4. Buttons and attractive fonts have been used.
5. Proper navigation should be done to move from one page to another.
6. Login page has to be included.

Output:



Visit Our Shop

4/78,MM complex,ECR main road,Chennai
Contacts

+123-456-7890
www.Wildwood Wonders.com
@Wildwood Wonders

Wildwood WONDERS

"Where nature's whispers turn into handcrafted treasures."



About Us

At Wildwood Wonders, we are dedicated to bringing the essence of nature into your home with our handcrafted, eco-friendly products. Rooted in a love for natural beauty and traditional craftsmanship, our range includes everything from handwoven rugs and organic cotton apparel to artisanal pottery and natural soy candles. Each piece is meticulously created to celebrate the richness of natural materials and the artistry of skilled makers. At Wildwood Wonders, we believe that the ultimate harmony between nature and craft can transform your space and elevate your lifestyle.





Services

At Wildwood Wonders, we provide a range of services to enhance your shopping experience:

- Custom Orders
- Product Workshops
- Home Consultations
- Gift Services
- Sustainability Consultations
- Repair and Restoration
- Subscription Boxes
- Local Delivery
- Virtual Shopping
- Artisan Meet-and-Greets





Our products

PRODUCT	PRICE
Handmade baskets	550.00
Bath powder	365.00
Handmade pot	780.00



Visit our store or website to see more products:
www.Wildwood Wonders.com

Result: An UI that can help people to sell their handmade products in metro cities is designed successfully.

Expt. No.:3

Date:

Design a social media website and chat

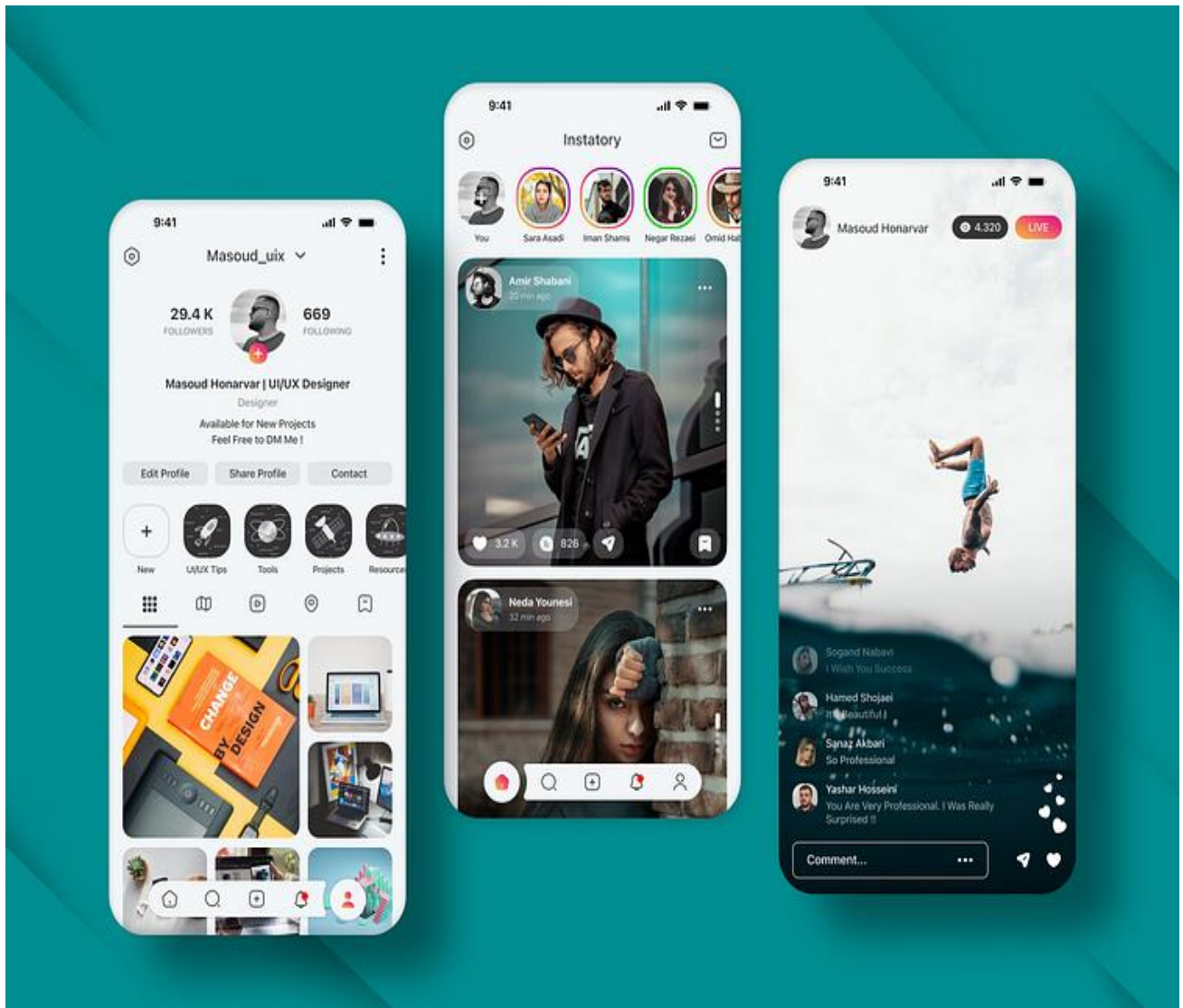
Aim: To an UI for a social media website and chat.

Tools: Figma, Photoshop

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos
3. Gradient color panel has to be used
4. Buttons and attractive fonts have been used
5. Proper navigation should be done to move from one page to another
6. Login page has to be included

Output:



Result: An UI for a social media website and chat is completed successfully .

Expt. No.:4

Date:

Design a publication that support different languages

Aim: To design a publication that support different language

Tools: Adobe Photoshop

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos
3. Gradient color panel has to be used
4. Use different languages to display the content.
5. Use images that support the content.
6. Align white spaces between the contents.

Output:

SOCIALGRAPHY
MAGAZINE

PUBLICATION

MULTILINGUALISM



Creating a multilingual publication requires a thoughtful design that supports various languages seamlessly. First, choose a content management system (CMS) that allows easy translation and management of content in different languages. A clear and accessible language switcher should be included to allow users to select their preferred language. The design must be adaptable, considering cultural differences, with special attention to right-to-left languages like Arabic. A well-planned translation strategy is essential, whether using professional services or machine translation, while ensuring each language version is easily accessible through clear URL structures or subdomains. SEO should be tailored for each language, and hreflang tags should help search engines identify the correct language versions. Providing multilingual customer support and testing the site with native speakers ensures a smooth, culturally relevant user experience. This approach allows your publication to engage a diverse global audience effectively.

Result: A publication that support different language is designed successfully.

Expt. No.:5

Date:

Design a publication that tells comic stories

Aim: To design a Publication That Tells Comic Stories

Tools: Adobe Photoshop

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos
3. Gradient color panel has to be used.
4. Use different languages to display the content.
5. Use images that support the content.
6. Align white spaces between the contents.

Output:



Result: A Publication That Tells Comic Stories is designed successfully .

Expt. No.:6

Date:

Design an advertisement for mobile company

Aim: To design an advertisement for mobile company

Tools: Adobe Photoshop, Canva

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos
3. Gradient color panel has to be used
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.

Output:

YONO
MOBILES

NEW BRAND

SMARTPHONE
Attractive offers just for you

35% OFF

BUY NOW

Contact Us:
123-456-7890

For Website:
www.yonosite.com

The advertisement features a vibrant orange and yellow background. In the top left, the 'YONO MOBILES' logo is displayed in a bold, sans-serif font. To the right, a dark red rounded rectangle contains the text 'NEW BRAND' in white. Below this, the word 'SMARTPHONE' is written in large black letters, followed by the tagline 'Attractive offers just for you' in a smaller red font. A large '35% OFF' discount is prominently shown in red. Two smartphones are positioned in the center-left: the larger one shows a sunset scene with trees and water, while the smaller one shows a person standing on a rocky shore under a starry night sky. At the bottom left, a yellow button with the text 'BUY NOW' is visible. In the bottom right, contact details are provided, including the phone number '123-456-7890' and the website 'www.yonosite.com'.

Result: Advertisement for mobile company is designed successfully.

Expt. No.:7

Date:

Design an advertisement for any political party with images

Aim: To design an advertisement for any political party with images

Tools: Adobe Photoshop, Canva.

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used.
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.

Output:

VOTE

ELECTIONS
2024

KAMALA HARRIS

FOR CITY
COUNCIL
MEMBER

**DON'T LET
YOUR
VOTE GO TO
WASTE**

**VOTE FOR
A BETTER
FUTURE**

Result: Advertisement for any political party with images is designed successfully.

Expt. No.:8

Date:

Design an advertisement for electronic products

Aim: To design an advertisement for electronic products

Tools: Adobe Photoshop, Canva

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used .
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.

Output:



Result: Advertisement for electronic products is designed successful

Expt. No.:9

Date:

Design an advertisement for food products

Aim: To design an advertisement for food products

Tools: Adobe Photoshop, Canva

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used .
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.

Output:



 **SALFORD TEA**

FRESH HERBAL TEA

Sipping on this herbal tea is like a cozy hug for your soul, a tiny moment of peace and tranquility in every heavenly gulp.



ORDER NOW

-  123-456-7890
-  www.Salfordtea.com
-  123,abc ,Chennai

Result: Advertisement for food products is designed successful

Expt. No.:10

Date:

Design an interactive website for new institution

Aim: To design interactive website for new institution

Tools: HTML, CSS

Steps:

1. Create a document of type HTML.
2. Craft a style sheet for better design.
3. Include the link of the stylesheet to the HTML file.
4. Assign a title for each page.
5. Add the required styles and attributes for the HTML tags.
6. Include action tag to navigate from one page to another.

Output:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Institution Name</title>
```

```
<style>
```

```
  body { font-family: Arial, sans-serif; margin: 0; }
```

```
  header { background: #0044cc; color: white; text-align: center; padding: 1rem; }
```



```
nav { background: #002266; text-align: center; padding: 0.5rem 0; }

nav a { color: white; margin: 0 1rem; text-decoration: none; }

section { padding: 2rem; text-align: center; }

footer { background: #002266; color: white; text-align: center; padding: 1rem; }

</style>

</head>

<body>

  <header>

    <h1>Welcome to [Institution Name]</h1>

    <p>Shaping the Future of Education</p>

  </header>

  <nav>

    <a href="#about">About</a>

    <a href="#courses">Courses</a>

    <a href="#contact">Contact</a>

  </nav>

  <section id="about">

    <h2>About Us</h2>

    <p>Providing quality education and fostering innovation.</p>

  </section>

  <section id="courses">

    <h2>Our Courses</h2>

    <p>Explore our wide range of programs and start your journey today.</p>
```

</section>

<section id="contact">

<h2>Contact Us</h2>

<p>Email: info@institution.com | Phone: +123 456 7890</p>

</section>

<footer>

<p>© 2024 [Institution Name]. All rights reserved.</p>

</footer>

</body>

</html>

Result: Interactive website for new institution is designed successfully.

Expt. No.:11

Date:

Design A Blog That Publish Educational Post

Aim: To design a blog that publishes educational post

Tools: HTML, CSS

Steps:

1. Create a document of type HTML.
2. Craft a style sheet for better design.
3. Include the link of the stylesheet to the HTML file.
4. Assign a title for each page.
5. Add the required styles and attributes for the HTML tags.
6. Include action tag to navigate from one page to another.

Output:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>Educational Blog</title>
```

```
<style>
```

```
body { font-family: Arial, sans-serif; margin: 0; padding: 0; line-height: 1.6; }
```

```
header { background: #0073e6; color: white; text-align: center; padding: 1rem; }

nav { text-align: center; background: #005bb5; padding: 0.5rem 0; }

nav a { color: white; margin: 0 1rem; text-decoration: none; font-weight: bold; }

.post { padding: 1.5rem; border-bottom: 1px solid #ddd; }

footer { text-align: center; background: #005bb5; color: white; padding: 1rem; }

</style>

</head>

<body>

  <header>

    <h1>Educational Blog</h1>

    <p>Learn and Grow with Us</p>

  </header>

  <nav>

    <a href="#">Home</a>

    <a href="#">Posts</a>

    <a href="#">Contact</a>

  </nav>

  <div class="post">

    <h2>Post Title 1</h2>

    <p>This is a brief introduction to the first educational post. Click to read more!</p>

  </div>

  <div class="post">

    <h2>Post Title 2</h2>
```

<p>This is a brief introduction to the second educational post. Click to read more!</p>

</div>

<footer>

<p>© 2024 Educational Blog. All rights reserved.</p>

</footer>

</body>

</html>

Result: A blog that publishes educational post is designed successfully.

Expt. No.:12

Date:

Design An Interactive Website For Hospital Management System

Aim: To design interactive website for hospital management system

Tools: HTML, CSS

Steps:

1. Create a document of type HTML.
2. Craft a style sheet for better design.
3. Include the link of the stylesheet to the HTML file.
4. Assign a title for each page.
5. Add the required styles and attributes for the HTML tags.
6. Include action tag to navigate from one page to another.

Output:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Hospital Management System</title>
```

```
  <link rel="stylesheet" href="styles.css">
```

</head>

<body>

<header>

<h1>Hospital Management System</h1>

<nav>

Home

About Us

Services

Contact

</nav>

</header>

<main>

<section id="home">

<h2>Welcome to Our Hospital</h2>

<p>Your health is our priority. We offer a wide range of medical services.</p>

</section>

<section id="about">

<h2>About Us</h2>

<p>We are committed to providing high-quality healthcare services to our patients.</p>

</section>

<section id="services">

<h2>Our Services</h2>

Emergency Care

Surgery

Outpatient Services

Laboratory Services

Pharmacy

</section>

<section id="contact">

<h2>Contact Us</h2>

<form>

<label for="name">Name:</label>

<input type="text" id="name" required>

<label for="email">Email:</label>

<input type="email" id="email" required>

<label for="message">Message:</label>


```
<textarea id="message" required></textarea>
```

```
<button type="submit">Submit</button>
```

```
</form>
```

```
</section>
```

```
</main>
```

```
<footer>
```

```
<p>&copy; 2024 Hospital Management System. All rights reserved.</p>
```

```
</footer>
```

```
</body>
```

```
</html>
```

Result: Interactive website for hospital management system is designed successfully.

Expt. No.:13

Date:

Design An Interactive Website For Food Selling App

Aim: To design a interactive website for food selling app

Tools: HTML, CSS

Steps:

1. Create a document of type HTML.
2. Craft a style sheet for better design.
3. Include the link of the stylesheet to the HTML file.
4. Assign a title for each page.
5. Add the required styles and attributes for the HTML tags.
6. Include action tag to navigate from one page to another.

Output:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>Food App</title>
```

```
<style>
```

```
body { font-family: Arial, sans-serif; margin: 0; padding: 0; }
```

```
header { background: #ff6f61; color: white; padding: 1rem; text-align: center; }
```

```
nav a { color: white; margin: 0 1rem; text-decoration: none; }

.hero { text-align: center; padding: 2rem; background: #ffe6e1; }

.hero button { padding: 0.5rem 1rem; background: #ff6f61; border: none; color: white; cursor: pointer;
}

.dishes { display: flex; justify-content: center; gap: 1rem; padding: 1rem; }

.dish { text-align: center; }

.dish img { width: 150px; height: 100px; border-radius: 8px; }

footer { text-align: center; padding: 1rem; background: #333; color: white; }

</style>

</head>

<body>

<header>

  <h1>Food App</h1>

  <nav>

    <a href="#">Home</a>

    <a href="#">Menu</a>

    <a href="#">Contact</a>

  </nav>

</header>

<section class="hero">

  <h2>Delicious Food Delivered to You!</h2>

  <button>Order Now</button>

</section>

<section class="dishes">
```

```
<div class="dish">

  <p>Pizza - $10</p>

</div>

<div class="dish">

  <p>Burger - $8</p>

</div>

<div class="dish">

  <p>Fries - $5</p>

</div>

</section>


<footer>

  <p>&copy; 2024 Food App</p>

</footer>

</body>

</html>
```

Result: Interactive website for food selling app is designed successfully.