RAJALAKSHMI ENGINEERING COLLEGE

AN AUTONOMOUS INSTITUTION,
AFFILIATED TO ANNA UNIVERSITY.
RAJALAKSHMI NAGAR, THANDALAM – 602 105.

DEPARTMENT OF COMPUTER SCIENCE AND DESIGN

CS23331 – DESIGN PROCESSES AND PERSPECTIVES
(*Regulation 2023*)

LAB MANUAL

NAME:	PRIYANKA
ROLL NO.:	231701041
UNIVERSITY REG. NO.:	2116231701041
YR./DEPT./SEC.:	II/CSD/A
AC. YEAR:	2024-25

RAJALAKSHMI
ENGINEERING COLLEGE
An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

BONAFIDE CERTIFICATE

NAME ....

ACADEMIC YEAR .... SEMESTER ....BRANCH...................

UNIVERSITY REGISTER No.

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

.... Laboratory during the year 20   -   20

Signature of Faculty - in - Charge

Submitted for the Practical Examination held on ....

Internal Examiner   **External Examiner**

List of Experiments	
1	Design an UI that can teach mathematics to children of 4-5 years age in school in Rural sector
2	Design an UI that can help people to sell their handmade products in metro cities
3	Design an UI for 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-it (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

Expt. No.: 1

Date:

Design an UI that can teach mathematics to children of 4-5 years age in school in Rural sector

Aim: To design an 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.
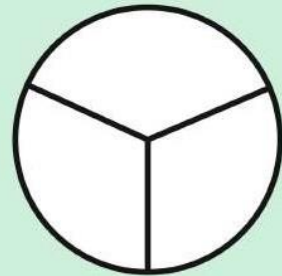
Output: The Output is attached in the next page. PFA.

Result: An user interface for teaching mathematics to the children of 4-5 years age in school in the rural sector is designed.
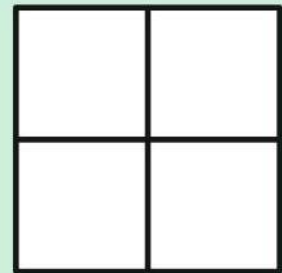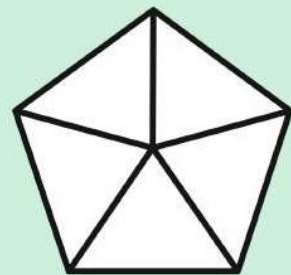
FRACTIONS

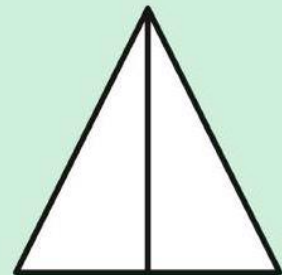$\dfrac{2}{3}$ COLOR

$\dfrac{3}{4}$ COLOR

$\dfrac{3}{5}$ COLOR

$\dfrac{1}{2}$ COLOR

Expt. No.: 2

Date:

Design an UI that can 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: The Output is attached in the next page. PFA.

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

Expt. No.: 3

Date:

Design an UI for a social media website and chat.

Aim: To an UI for a social media website and chat
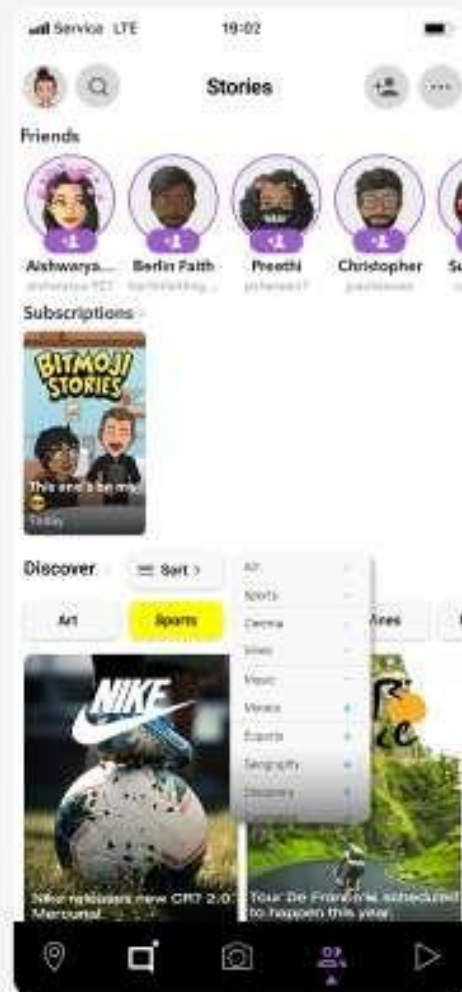
Tools: Figma, Photoshop

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: The Output is attached in the next page. PFA.

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

Expt. No.: 4

Date:

<u>Design a publication that support different languages</u>

Aim: To design a publication that support different language
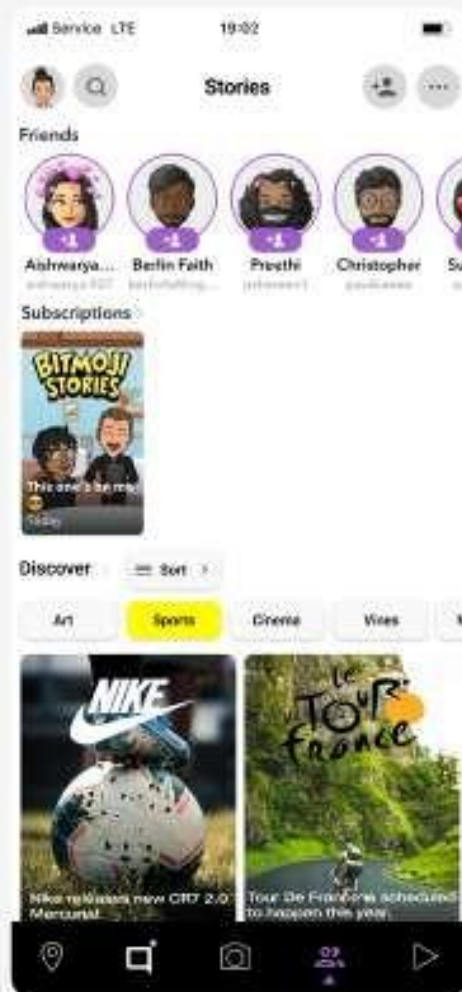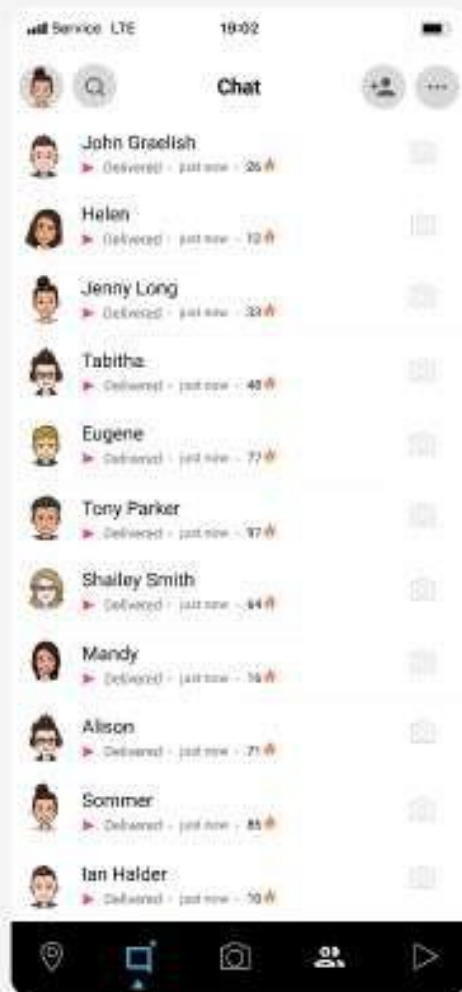
Tools: Adobe Photoshop

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: The Output is attached in the next page. PFA.

Result: A publication that support different languages is designed.

designed by freepik.com

Expt. No.: 5

Date:

<u>Design a publication that tells comic stories</u>

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: The Output is attached in the next page. PFA.

Result: A publication that tells comic stories is designed.

INSTAGRAM STORIES TEMPLATE

Expt. No.: 6

Date:

Design an advertisement for mobile company

Aim: To design an advertisement for mobile company
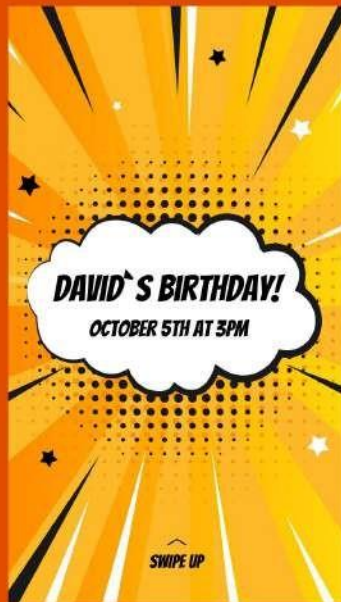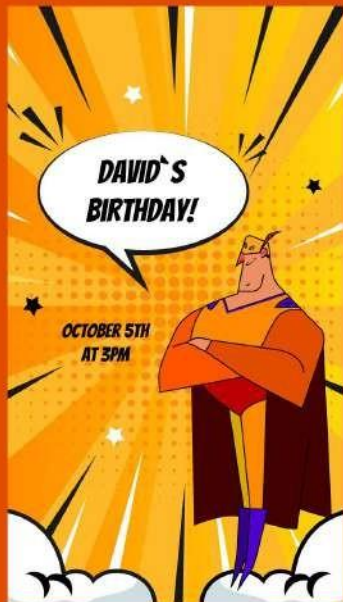
Tools: Adobe Photoshop, Canva

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: The Output is attached in the next page. PFA.

Result: An advertisement for mobile company is designed.

Expt. No.: 7

Date:

<u>Design an advertisement for any political party with images</u>

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: The Output is attached in the next page. PFA.

Result: An advertisement for any political party with images

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: The Output is attached in the next page. PFA.

Result: An advertisement for electronic products is designed.

Expt. No.: 9

Date:

<u>Design an advertisement for food products</u>

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: The Output is attached in the next page. PFA.

Result: An advertisement for food products is designed.

Hot & Special **Delicious**

LOGO HERE

50%
SAVE

More information
+00 123 456 789

ORDER NOW

More information
www.yoursite.com

IMAGE NOT INCLUDED

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: The Output is attached in the next page. PFA.

Result: An interactive website for new institution is designed.

html code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>New Institution</title>
p    <link rel="stylesheet" href="styles.css">
</head>
<body>

    <!-- Header Section -->
    <header>
        <h1>New Institution Name</h1>
        <nav>
            <ul>
                <li><a href="#home">Home</a></li>
                <li><a href="#about">About Us</a></li>
                <li><a href="#programs">Programs</a></li>
                <li><a href="#contact">Contact</a></li>
            </ul>
        </nav>
    </header>

    <!-- Hero Section -->
    <section id="home" class="hero">
        <h2>Welcome to Our Institution</h2>
        <p>Empowering students for a brighter future</p>
        <a href="#programs" class="button">Explore Programs</a>
    </section>

    <!-- About Section -->
    <section id="about" class="about">
        <h2>About Us</h2>
        <p>Our institution is dedicated to providing top-notch
education and fostering a learning environment that inspires growth and
innovation.</p>
        <p>Founded in 2023, we offer a variety of programs that cater
to students' diverse interests and ambitions.</p>
    </section>

    <!-- Programs Section -->
    <section id="programs" class="programs">
```

```html
        <h2>Our Programs</h2>
        <div class="program-list">
            <div class="program-card">
                <h3>Program 1</h3>
                <p>A brief description of Program 1 that highlights its
features and benefits.</p>
            </div>
            <div class="program-card">
                <h3>Program 2</h3>
                <p>A brief description of Program 2 that highlights its
features and benefits.</p>
            </div>
            <div class="program-card">
                <h3>Program 3</h3>
                <p>A brief description of Program 3 that highlights its
features and benefits.</p>
            </div>
        </div>
    </section>

    <!-- Contact Section -->
    <section id="contact" class="contact">
        <h2>Contact Us</h2>
        <form action="#">
            <label for="name">Name:</label>
            <input type="text" id="name" name="name" required>

            <label for="email">Email:</label>
            <input type="email" id="email" name="email" required>

            <label for="message">Message:</label>
            <textarea id="message" name="message" rows="5"
required></textarea>

            <button type="submit" class="submit-button">Send
Message</button>
        </form>
    </section>

    <!-- Footer Section -->
    <footer>
        <p>&copy; 2023 New Institution | All Rights Reserved</p>
    </footer>
```

```
</body>
</html>
```

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: The Output is attached in the next page. PFA.

Result: A Blog that Publish Educational Posts is designed.

html code:

```
p<!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>
    <link rel="stylesheet" href="styles.css">
</head>
<body>

    <!-- Header Section -->
    <header>
        <h1>Educational Insights</h1>
        <p>Your daily dose of learning and insights</p>
        <nav>
            <ul>
                <li><a href="#">Home</a></li>
                <li><a href="#">About</a></li>
                <li><a href="#">Categories</a></li>
                <li><a href="#">Contact</a></li>
            </ul>
        </nav>
    </header>

    <!-- Main Blog Content -->
    <main>
        <section class="posts">
            <article>
                <h2>Post Title 1</h2>
                <p class="date">Published on October 10, 2023</p>
                <p class="excerpt">An introduction to the topic with
brief insights...</p>
                <a href="#" class="read-more">Read more</a>
            </article>

            <article>
                <h2>Post Title 2</h2>
                <p class="date">Published on September 5, 2023</p>
                <p class="excerpt">An introduction to the topic with
brief insights...</p>
                <a href="#" class="read-more">Read more</a>
            </article>
```
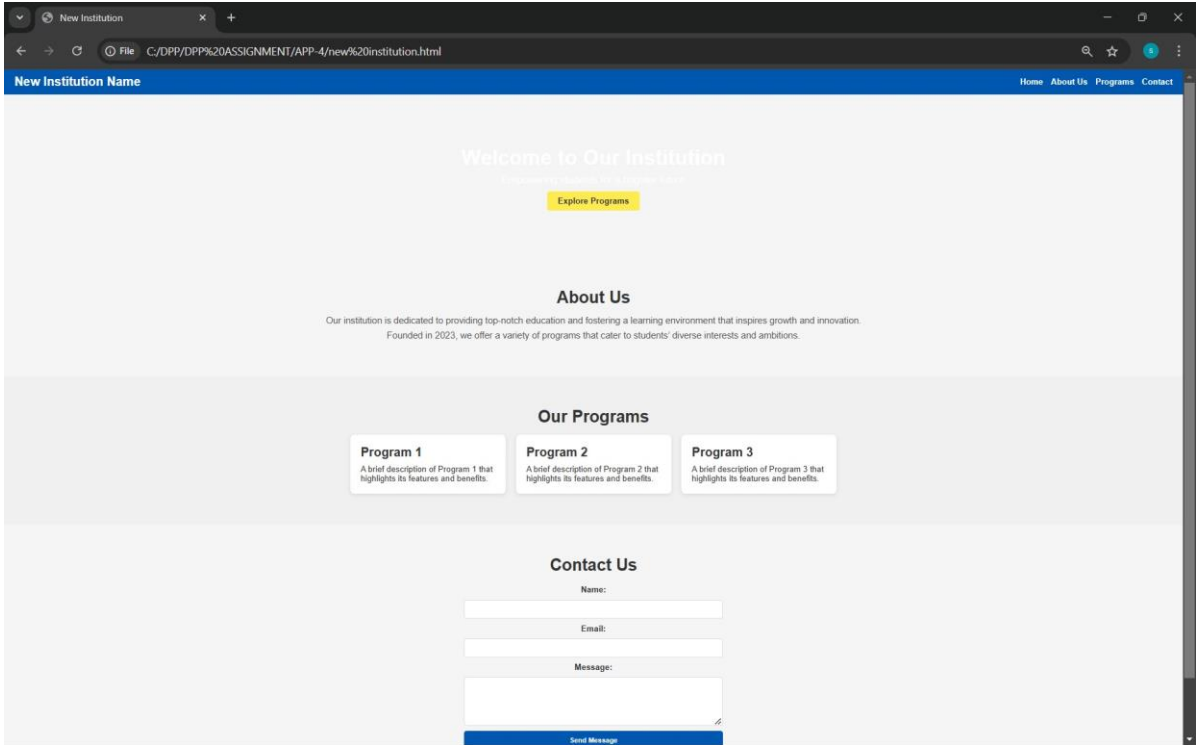
```html
            <!-- Additional articles go here -->
        </section>
    </main>


    <!-- Footer Section -->
    <footer>
        <p>&copy; 2023 Educational Insights | All Rights Reserved</p>
        <ul class="social-media">
            <li><a href="#">Twitter</a></li>
            <li><a href="#">Facebook</a></li>
            <li><a href="#">LinkedIn</a></li>
        </ul>
    </footer>


</body>
</html>
```


Educational Insights

Your daily dose of learning and insights

Home   About   Categories   Contact

Post Title 1

Published on October 10, 2023

An introduction to the topic with brief insights...

Read more

Post Title 2

Published on September 5, 2023

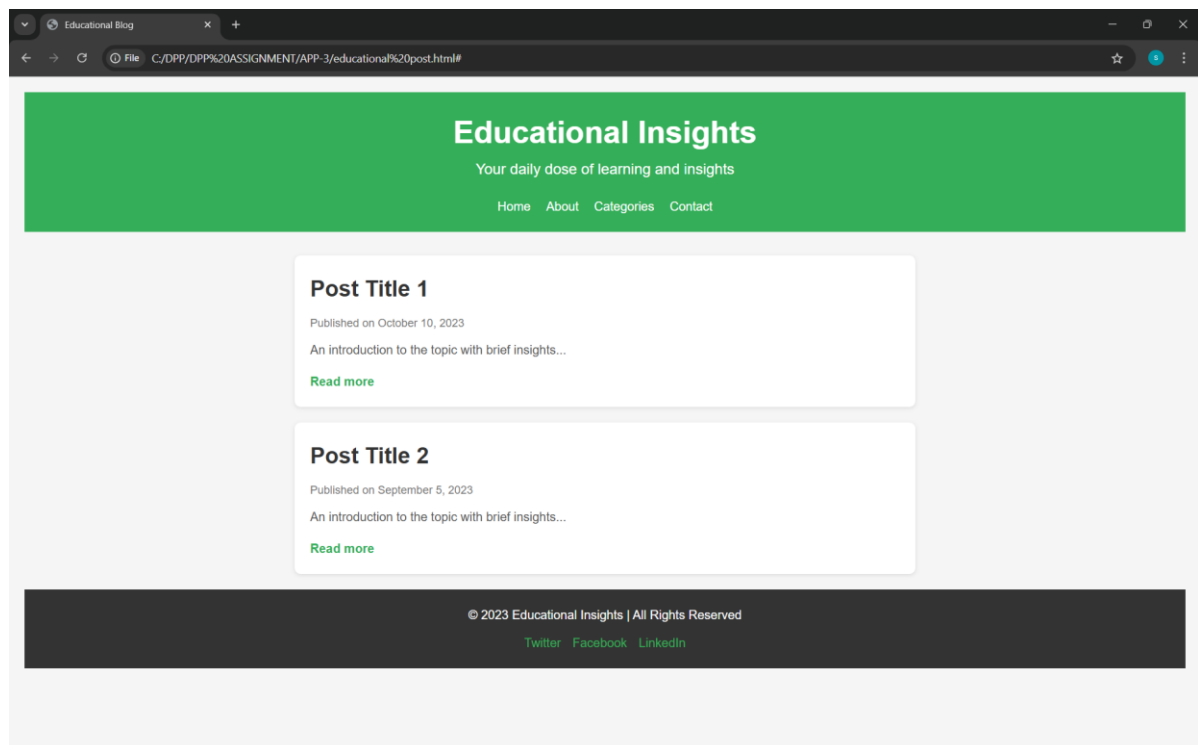An introduction to the topic with brief insights...

Read more

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Twitter   Facebook   LinkedIn

Expt. No.: 12

Date:

<u>Design an Interactive Website for Hospital Management System</u>

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: The Output is attached in the next page. PFA.

Result: An Interactive Website for Hospital Management System is designed.

html code:

```html
<!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>
            <ul>
                <li><a href="#home">Home</a></li>
                <li><a href="#about">About Us</a></li>
                <li><a href="#services">Services</a></li>
                <li><a href="#contact">Contact</a></li>
            </ul>
        </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>
            <ul>
                <li>Emergency Care</li>
                <li>Surgery</li>
                <li>Outpatient Services</li>
                <li>Laboratory Services</li>
                <li>Pharmacy</li>
```

```html
            </ul>
        </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>
```

Hospital Management System

Home   About Us   Services   Contact

Welcome to Our Hospital

Your health is our priority. We offer a wide range of medical services.

About Us

We are committed to providing high-quality healthcare services to our patients.

Our Services

- Emergency Care
- Surgery
- Outpatient Services
- Laboratory Services
- Pharmacy

Contact Us

Name:

Email:

Message:

Submit

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: The Output is attached in the next page. PFA.

Result: An Interactive Website for Food Selling App

html code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Food Selling App</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>

    <!-- Navbar -->
    <header>
        <div class="container">
            <h1 class="logo">YummyBite</h1>
            <nav>
                <ul>
                    <li><a href="#home">Home</a></li>
                    <li><a href="#menu">Menu</a></li>
                    <li><a href="#contact">Contact</a></li>
                </ul>
            </nav>
        </div>
    </header>

    <!-- Hero Section -->
    <section id="home" class="hero">
        <div class="hero-content">
            <h2>Delicious Food, Delivered To You</h2>
            <p>Freshly made and ready to serve! Order now and
enjoy!</p>
            <a href="#menu" class="btn">Order Now</a>
        </div>
    </section>

    <!-- Menu Section -->
    <section id="menu" class="menu-section">
        <h2>Our Menu</h2>
        <div class="menu-container">
            <div class="menu-item">
                <img src="burger.jpg" alt="Burger">
                <h3>Classic Burger</h3>
                <p>$10.99</p>
```

```html
            </div>
            <div class="menu-item">
                <img src="pizza.jpg" alt="Pizza">
                <h3>Cheese Pizza</h3>
                <p>$12.99</p>
            </div>
            <div class="menu-item">
                <img src="pasta.jpg" alt="Pasta">
                <h3>Italian Pasta</h3>
                <p>$9.99</p>
            </div>
        </div>
    </section>

    <!-- Contact Section -->
    <section id="contact" class="contact-section">
        <h2>Contact Us</h2>
        <form action="#" method="POST">
            <input type="text" placeholder="Your Name" required>
            <input type="email" placeholder="Your Email" required>
            <textarea placeholder="Your Message" required></textarea>
            <button type="submit" class="btn">Send Message</button>
        </form>
    </section>

    <!-- Footer -->
    <footer>
        <p>© 2024 YummyBite. All rights reserved.</p>
    </footer>

</body>
</html>
```

YummyBite

Home   Menu   Contact

Order Now

Our Menu

Burger

Classic Burger

$10.99

Pizza

Cheese Pizza

$12.99

Pasta

Italian Pasta

$9.99

Contact Us

Your Name

Your Email

Your Message

Send Message