



RAJALAKSHMI ENGINEERING COLLEGE

**An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai**

DEPARTMENT OF COMPUTER SCIENCE AND DESIGN

ACADEMIC YEAR 2024-2025 ODD SEMESTER



CD23332

LAB MANUAL

SECOND YEAR

THIRD SEMESTER

2024- 2025

ODD SEMESTER

RAJALAKSHMI ENGINEERING COLLEGE

RAJALAKSHMI NAGAR, THANDALAM – 602 105



CD23331

DESIGN PROCESSES AND PERSPECTIVES LABORATORY

Laboratory Manual Note Book

Name :

Year / Branch / Section :

Register No. :

Semester :

Academic Year :



RAJALAKSHMI ENGINEERING COLLEGE

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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 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:

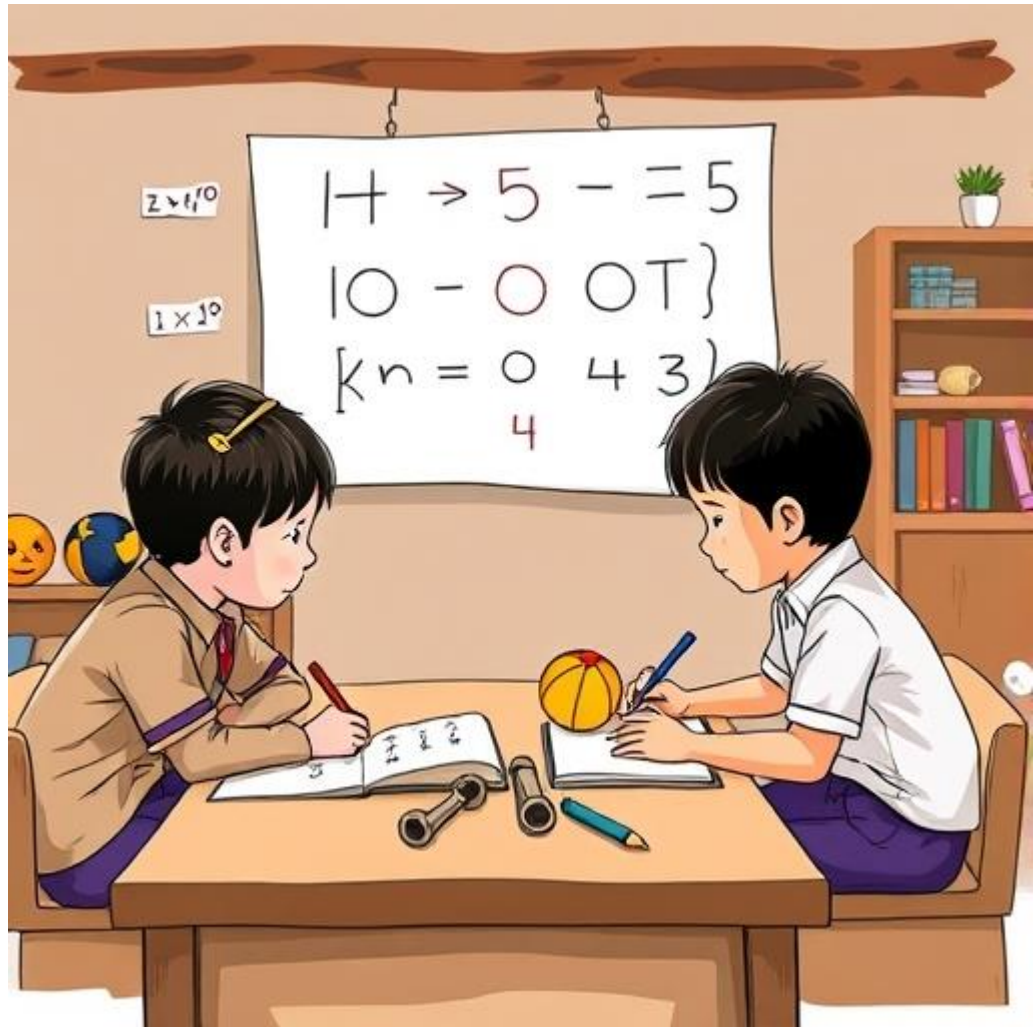
Design to teach mathematics to the children of 4-5 years age in school in Rural sector

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.



Result: Hence the design is completed and output is verified.

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.



Result: Hence the design is completed and output is verified.

Expt. No.:3

Date:

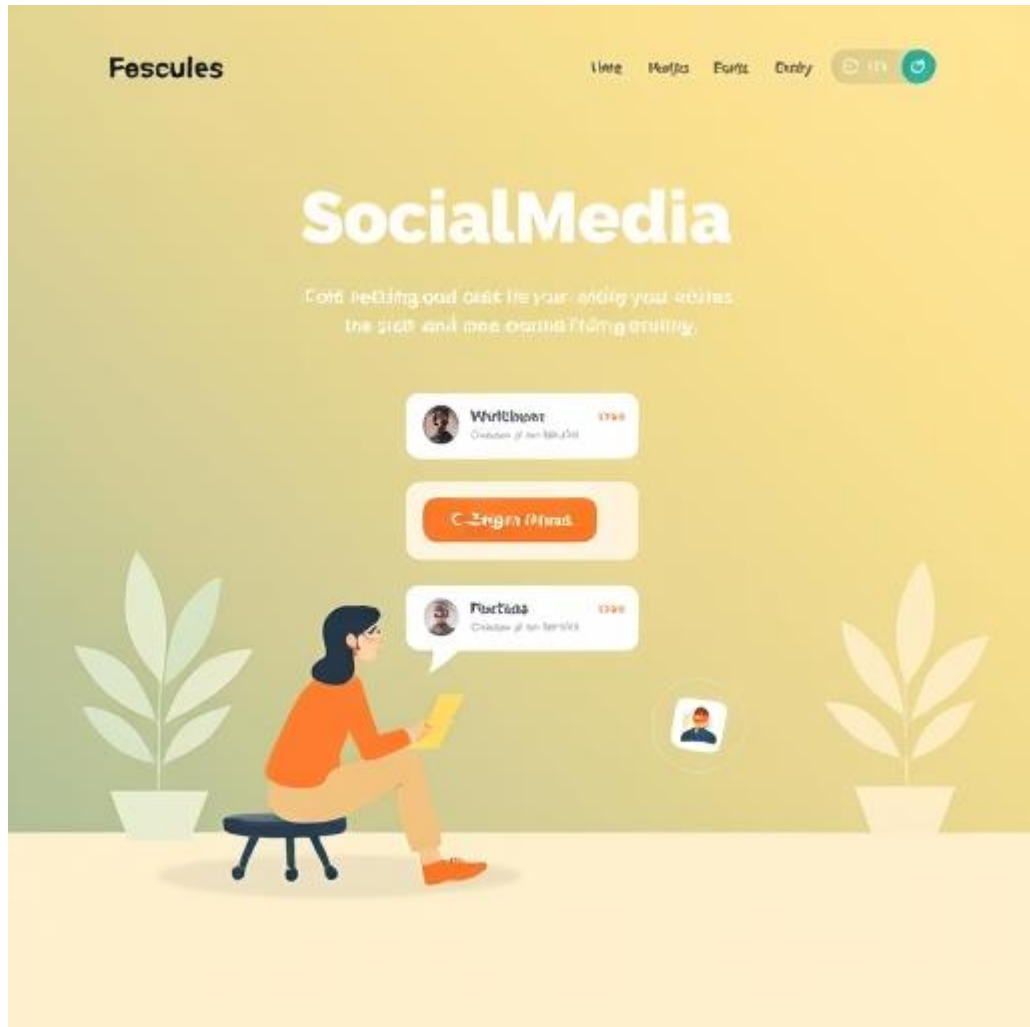
Design a social media website and chat

Aim: To design 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



Result: Hence the design is completed and output is verified.

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.



Result: Hence the design is completed and output is verified.

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.



Result: Hence the design is completed and output is verified.

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.



Result: Hence the design is completed and output is verified.

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.



Result: Hence the design is completed and output is verified.

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.



Result: Hence the design is completed and output is verified.

Expt. No.:9

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.

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Read More


Explore

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```
index.html      styles.css      script.js      +      42xsmbecw

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Institution Name</title>
7 </head>
8 <body>
9   <div>
10     <div>
11       <div>
12         <div>
13           <div>
14             <div>
15               <div>
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61                                                                                                                  <div>
```

Result: Hence the design is completed and output is verified.

Expt. No.:10

Date:

Design An Interactive Website For Hospital Management System

Aim: To design interactive website for hospital management system

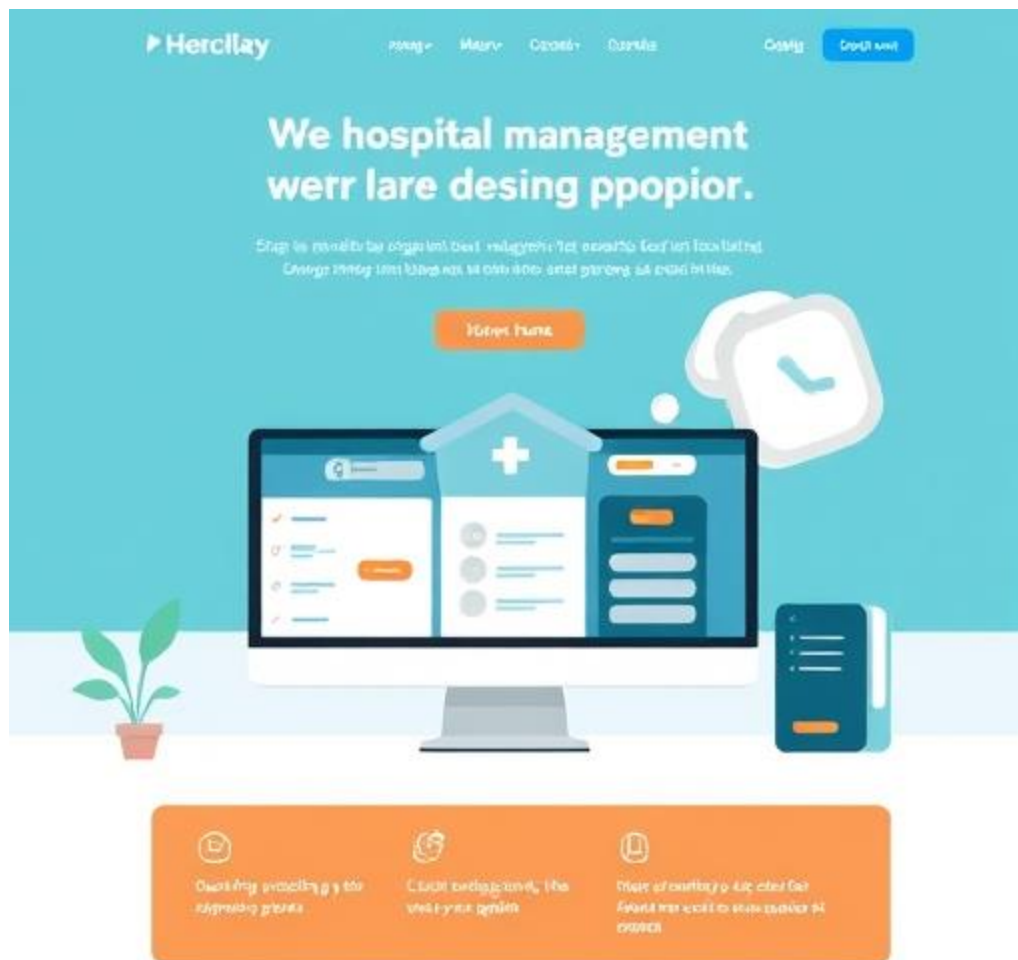
Tools: HTML, CSS

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:

```
index.html  styles.css  script.js  +  [icon]
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Hospital Management System</title>
7      <style>
8          body { font-family: Arial, sans-serif; margin: 0; padding: 0; background: #f4f4f9; }
9          header { background: #0073e6; color: white; padding: 15px; text-align: center; }
10         nav { background: #005bb5; text-align: center; padding: 10px; }
11         nav a { color: white; margin: 0 10px; text-decoration: none; }
12         .container { padding: 20px; }
13         .section { margin-bottom: 20px; }
14         .section h2 { color: #0073e6; }
15         .btn { display: inline-block; background: #0073e6; color: white; padding: 10px 15px; text-decoration: none; margin-top: 10px; border-radius: 5px; }
16         form input, form textarea { width: 100%; padding: 8px; margin: 5px 0; }
17         footer { background: #0073e6; color: white; text-align: center; padding: 10px; }
18     </style>
19 </head>
20 <body>
21
22 <header>
23     <h1>Hospital Management System</h1>
24     <p>Efficient Healthcare Solutions</p>
25 </header>
26
27 <nav>
28     <a href="#home">Home</a>
29     <a href="#services">Services</a>
30     <a href="#doctors">Doctors</a>
31     <a href="#contact">Contact</a>
32 </nav>
33
34 <div class="container">
35
36     <section id="home" class="section">
37         <h2>Welcome to Our Hospital</h2>
38         <p>Our hospital provides top-notch healthcare services with state-of-the-art facilities and experienced staff.</p>
39         <a href="#services" class="btn">Our Services</a>
40     </section>
41
42     <section id="services" class="section">
43         <h2>Services</h2>
44         <p>We offer a wide range of services, including emergency care, outpatient services, surgery, and more.</p>
45         <a href="#contact" class="btn">Book an Appointment</a>
46     </section>
47
48     <section id="doctors" class="section">
49         <h2>Our Doctors</h2>
50         <p>Meet our experienced team of doctors who are here to provide the best care for our patients.</p>
51         <p><strong>Dr. John Doe</strong> - Cardiologist</p>
52         <p><strong>Dr. Jane Smith</strong> - Neurologist</p>
53         <p><strong>Dr. Emily White</strong> - Orthopedic Surgeon</p>
54     </section>
55
56     <section id="contact" class="section">
57         <h2>Contact Us</h2>
58         <form>
59             <input type="text" placeholder="Your Name" required>
60             <input type="email" placeholder="Your Email" required>
61             <textarea rows="4" placeholder="Your Message" required></textarea>
62             <button type="submit" class="btn">Send Message</button>
63         </form>
64     </section>
65
66 </div>
67
68 <footer>
69     <p>&copy; 2024 Hospital Management System. All rights reserved.</p>
70 </footer>
71
72 </body>
73 </html>
```



Result: Hence the design is completed and output is verified.

