

Meerut Institute of Engineering and Technology, Meerut



Session: 2024-2025

MINI PROJECT REPORT On “K Helper”

**BACHELOR OF TECHNOLOGY IN COMPUTER
SCIENCE AND ENGINEERING(Data Science)**

Submitted to-
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(Department of Computer Science & Engineering-
Data Science)

Submitted by-

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5th SEMESTER
DEPARTMENT OF COMPUTER
SCIENCE AND ENGINEERING-DS
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DECLARATION

We hereby declare that the project entitled - “Sarvottam Hospital”, which is being submitted as

Mini Project in department of Computer Science and engineering to Meerut Institute of Engineering and Technology, Meerut (U.P.) is an authentic record of our genuine work done under

the guidance of Prof. “Mr.Ayush Garg” of Computer Science and Engineering, Meerut Institute of Engineering and Technology, Meerut.

Date: Mohd kaif (2200681540005)

Place: Meerut Tushar Sharm(2200680310101)

Rinisha Singh (2200681540088)

CERTIFICATE

This is to certify that mini project report entitled – “Sarvottam Hospital” submitted by “Aditya kumar and Aryan Aggarwal” has been carried out under the guidance of Prof. “Mr.Ayush Garg” of Computer Science and Engineering, Meerut Institute of Engineering and Technology, Meerut. This project report is approved for Mini Project in 5th semester in “Computer Science and engineering(DS)” from Meerut Institute of Engineering and Technology, Meerut.

Internal Examiner

. Date:

ACKNOWLEDGEMENT

I express my sincere indebtedness towards our guide Prof., "Mr.Ayush Garg" of Computer Science and Engineering, Meerut Institute of Engineering and Technology, Meerut for his valuable suggestion, guidance and supervision throughout the work. Without his kind patronage and guidance the project would not have taken shape. I would also like to express my gratitude and sincere regards for his kind approval of the project. Time to time counselling and advises. I would also like to thank to our HoD Dr. (Prof.) "Rohit Aggarwal", Department of Computer Science and engineering, Meerut Institute of Engineering and Technology, Meerut for his expert advice and counselling from time to time.I owe sincere thanks to all the faculty members in the department of Computer Science and engineering for their kind guidance and encouragement time to time.

Date:

Aditya kumar

Aryan Aggarwal

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CHAPTER 1

INTRODUCTION

Our project is based on the Hospital and its management system. The main objective of this management system is to manage the details of Hospital, Doctor, Employee, Test, Medicine. It manages all the information about Hospital and Patients. The projects is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to built an application program to reduce the manual work for managing the Hospital, Doctors, Patients and Employee. It also helps in integration of all the records of Medicine. Here Clients can book their appointment, contact the hospital and can have a brief description of hospital.

CHAPTER 2

DATA FLOW DIAGRAM



CHAPTER 3

TECHNOLOGY BUCKET

3.1) Description of HTML

- The `<!DOCTYPE html>` declaration define this document to be HTML.
- The `<html>` tag encloses the complete HTML file and contain the header i.e. `<head>...</head>` tag and the body tag i.e. `<body>...</body>`.
- The `<head>` tag contains the header of the file and also contains the `<title>...</title>` tag and the `<style>...</style>` tag of CSS.
- The `<title>` tag contains the title of the HTML file which shows in the header of the browser.
- The `<body>` tag contains all the contents of an HTML document such as headings, paragraphs, images, hyperlinks, tables, lists etc.
- The `<h1>` tag in HTML indicates a heading on a website. Html has six different heading tags- h1, h2, h3, h4, h5 and h6.
- The `<div>` tag in HTML defines a division or a section in an HTML document.

3.2) Description of CSS

- The CSS is used for describing the presentation of a document written in a markup language like HTML.
- The background-image property is used for set the image in the background. Syntax: body {background-image: url ("file name");}.
- In the CSS, a class selector is a name preceded by a full stop (".") and an ID selector is a name preceded by a hash character.
- It is used to identify one element and class is used to identify more than one element.
- Margin and Padding are two most commonly used properties for spacing out elements. Margin is the space outside something and padding is the space inside something.
- The hover selector is used to change the style of a button when you move the mouse over them.
- The border radius property defines the radius of the element's corners. This property allows you to add rounded corners to element.

3.3) Description of Javascript

- Alongside HTML and CSS JAVASCRIPT is one of the core technologies of the World Wide Web.
- JavaScript enables interactive web pages and is an essential part of web applications.
- Validating input values of a web form to make sure that they are acceptable before being submitted to the server.
- Animation of page elements such as fading them in and out resizing and moving them.
- Interactive content, such as games and videos.
- Loading new page content without reloading the page.

CHAPTER 4

OUTPUT SCREEN

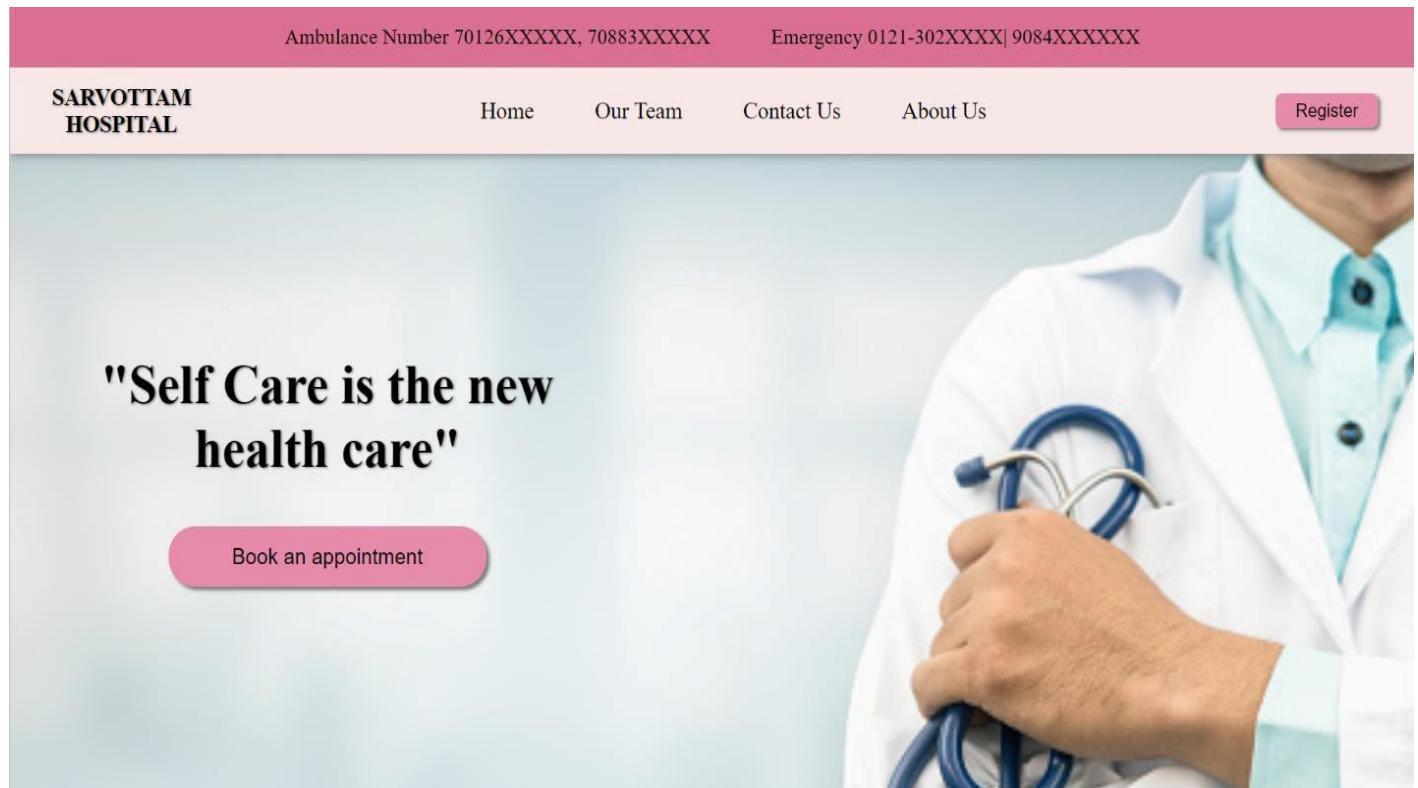


Fig: 1 Home Page 1

The screenshot shows the homepage of Sarvottam Hospital. At the top, there is a pink header bar with the text "Ambulance Number 70126XXXXX, 70883XXXXX" and "Emergency 0121-302XXXX| 9084XXXXXX". Below the header, the hospital's logo "SARVOTTAM HOSPITAL" is displayed next to a navigation menu with links for "Home", "Our Team", "Contact Us", "About Us", and a "Register" button. A large maroon banner below the menu contains four statistics: "+3 year of establishment", "500+ smiling clients", "100+ hopless cases solved", and "500+ staff". The main content area features a section titled "TOP MEDICAL PROCEDURE" with two boxes: "ORTHOPAEDICS AND TRAUMA" and "NEUROLOGY".

Ambulance Number 70126XXXXX, 70883XXXXX Emergency 0121-302XXXX| 9084XXXXXX

**SARVOTTAM
HOSPITAL**

Home Our Team Contact Us About Us Register

+3
year of establishment

500+
smiling clients

100+
hopless cases solved

500+
staff

TOP MEDICAL PROCEDURE

ORTHOPAEDICS AND TRAUMA

Trauma and orthopaedic (T&O) surgeons diagnose and treat conditions of the musculoskeletal system including bones and joints and structures that enable movement such as ligaments, tendons, muscles and nerves.

NEUROLOGY

Neurologists diagnose, treat and manage conditions affecting the brain and spinal cord, and disorders of the nerves and muscles that activate movement and transmit sensations from around the body to the brain.

Fig: 2 Home page 2

Ambulance Number 70126XXXXX, 70883XXXXX

Emergency 0121-302XXXX| 9084XXXXXX

SARVOTTAM HOSPITAL

Home

Our Team

Contact Us

About Us

Register

CARDIOLOGY

Cardiology is a medical specialty and a branch of internal medicine concerned with disorders of the heart. It deals with the diagnosis and treatment of such conditions as congenital heart defects, coronary artery disease, electrophysiology, heart failure and valvular heart disease.

KNEE REPLACEMENT

Replacing the diseased or damaged joint surfaces with metal components and plastic components with absolute precision. Knee & Hip Replacement, Arthroscopy, Complex Trauma Management

PEDIATRICS

State-of-the-Art Neonatal Intensive Care Unit, Developmental Pediatrics Facilities, Vaccination and Painless care in Pediatrics.

ENDOCRINE SURGERIES

Robotic Surgery Bariatric Surgery Breast Surgery Thyroid Surgery Endocrine Surgical Problem Aesthetic Thyroid Surgery Scarless Thyroidectomy.

Fig: 3 Home page 3

Ambulance Number 70126XXXXX, 70883XXXXX Emergency 0121-302XXXX| 9084XXXXXX

**SARVOTTAM
HOSPITAL**

Home Our Team Contact Us About Us [Register](#)

Contact Us

Name

Phone No.

Email

State

Enter message

The screenshot shows a contact form for 'SARVOTTAM HOSPITAL'. At the top, there is a pink banner with the text 'Ambulance Number 70126XXXXX, 70883XXXXX' and 'Emergency 0121-302XXXX| 9084XXXXXX'. Below the banner is a navigation bar with links for 'Home', 'Our Team', 'Contact Us', 'About Us', and a 'Register' button. The main title 'Contact Us' is centered above five input fields: 'Name', 'Phone No.', 'Email', 'State', and 'Enter message'. Each input field is enclosed in a light blue rounded rectangle. The background of the entire form is a light pink color.

Fig:4 Home Page 4



About Us

Self Care is the new health care. Sarvottam Hospital was established in 2010 with a motive to make the world healthier by providing health services. Sarvottam Hospital is providing medical care services at an affordable rates to underserve communities across the country. We have comprehensive patient care set up to provide world class treatment.

Fig: 5 Home Page 5

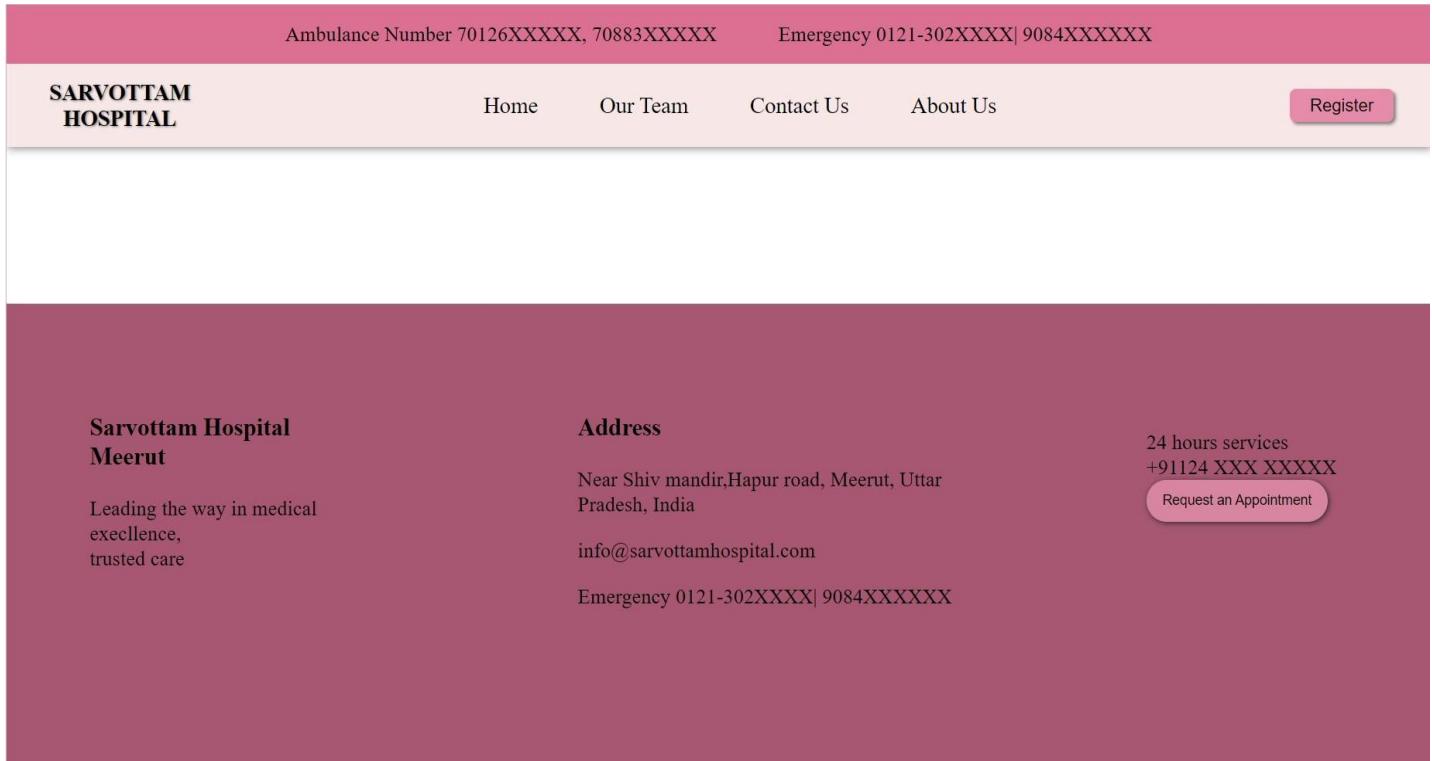


Fig: 6 Home Page 6

APPENDICES

IMPLEMENTATION OF CODE

HTML CODE

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

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge" >
    <meta name="viewport" content="width=device-width, initial-scale=1.0" >
    <title>SarvottamHospital</title >
    <link href="Hospital.css" rel="stylesheet">
    <link rel="preconnect" href="https://fonts.googleapis.com" >
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin >
    <link href="https://fonts.googleapis.com/css2?family=Lobster&display=swap" rel="stylesheet">
    <link href="media.css" rel="stylesheet" media="screen and (max-width:1021px)" >
    <link href="media2.css" rel="stylesheet" media="screen and (max-width:755px)" >
</head>

<body>
    <header id="head">
        <nav id="navbar">
            <ul id="head1">
                <li class="lists"><a href="#">Ambulance Number 70126XXXXX,  
70883XXXXX</a></li>
                <li class="lists"><a href="#">Emergency 0121-302XXXX | 9084XXXXXX</a></li>
            </ul>
            <ul id="head2">
                <div id="logo">
                    <h4>SARVOTTAM HOSPITAL</h 4>
                </div>
                <div id="main">
                    <li class="lists"><a href="#">Home</a></li>
                    <li class="lists"><a href="#">Our Team</a></li>
                    <li class="lists"><a href="#">Contact Us</a></li>
                    <li class="lists"><a href="#">About Us</a></li>
                </div>
            </ul>
        </nav>
    </header>
</body>
```

```

        </div>
    <div id="right">
        <button id="btn">Register</button >
    </div>
</ul>
</nav>
</header>
<div id="big">
    <div id="container">
        <h2 id="slogan">"Self Care is the new health care"</h2>
        <button class="book">Book an appointment</button>
    </div>
</div>
<div id="high">
    <div class="exp">+3
        <div class="expli">year of establishment</div>
    </div>
    <div class="exp">500+
        <div class="expli">smiling clients</div>
    </div>
    <div class="exp">100+
        <div class="expli">hopeless cases solved</div>
    </div>
    <div class="exp">500+
        <div class="expli">staff</div>
    </div>
</div>
<div id="sep">TOP MEDICAL PROCEDURE</div>
<div id="procedures">
    <div class="tech">
        <h3 class="stu"> ORTHOPAEDICS AND TRAUMA</h3>
        <p class="stu">
            Trauma and orthopaedic (T&O) surgeons diagnose and treat conditions of the
            musculoskeletal
            system including bones and joints and structures that enable movement such as
            ligaments, tendons,
            muscles and nerves.
        </p>
    </div>
    <div class="tech">
        <h3 class="stu">NEUROLOGY</h3>
        <p class="stu">

```

Neurologists diagnose, treat and manage conditions affecting the brain and spinal cord, and

disorders of the nerves and muscles that activate movement and transmit sensations from around the body to the brain.

</p>

</div>

<div class="tech">

<h3 class="stu">CARDIOLOGY</h3>

<p class="stu">

Cardiology is a medical specialty and a branch of internal medicine concerned with disorders

of the heart. It deals with the diagnosis and treatment of such conditions as congenital heart defects,

coronary artery disease, electrophysiology, heart failure and valvular heart disease.

</p>

</div>

<div class="tech">

<h3 class="stu">KNEE REPLACEMENT</h3>

<p class="stu">

Replacing the disease or damaged joint surfaces with metal components and plastic components

with absolute precision. Knee & Hip Replacement, Arthroscopy, Complex Trauma Management

</p>

</div>

<div class="tech">

<h3 class="stu">PEDIASTRICS</h3>

<p class="stu">

State-of-the-Art Neonatal Intensive Care Unit, Developmental Pediatrics Facilities, Vaccination and Painless care in Pediatrics.

</p>

</div>

<div class="tech">

<h3 class="stu">ENDROCRINE SURGERIES</h3>

<p class="stu">

Robotic Surgery Bariatric Surgery Breast Surgery Thyroid Surgery Endocrine Surgical Problem

Aesthetic Thyroid Surgery Scarless Thyroidectomy.

</p>

</div>

</div>

<div id="contactus">

```

<form>
  <h1>Contact Us</h1>
  <div id="elements">
    Name <input class="input" type="text">
    <br>Phone No. <input class="input" type="tel">
    <br>Email <input class="input" type="email">
    <br>State <input class="input" type="text">
    <br>Enter message <br><textarea class="input" rows="13" cols="70"></textarea >
    <br><button id="submit" class="book">Submit</button>
  </div>
</form>
</div>
<div id="content">
  <h2 id="abt">About Us</h2>
  <p class="pere">
    Self Care is the new health care. Sarvottam Hospital was established in 2010 with a
    motive to
    make the world healthier by providing health services. Sarvottam Hospital is providing
    medical care services
    at an affordable rates to underserve communities across the country. We have
    comprehensive patient care set
    up to provide world class treatment.
  </p>
</div>
<footer>
  <div id="footer">
    <div id="column1" class="column">
      <h3 class="foot">Sarvottam Hospital<br>Meerut</h3>
      <p class="para">Leading the way in medical excellence,<br>trusted care</p>
    </div>
    <div id="column2" class="column">
      <h3 class="foot">Address</h3>
      <p class="para">Near Shiv mandir,Hapur road, Meerut, Uttar Pradesh, India</p>
      <p class="para">info@sarvottamhospital.com</p>
      <p class="para">Emergency 0121-302XXXX | 9084XXXXXX</p>
    </div>
    <div id="column3" class="column">
      24 hours services<br>+91124 XXX XXXXX
      <button id="app">Request an Appointment</button>
    </div>
  </div>
</footer>
</body>

```

```
</html>
```

CSS CODE

```
body {  
    margin: 0cm;  
    padding: 0cm;  
}  
  
.lists {  
    display: inline-block;  
    padding: 0cm 0.7cm;  
}  
  
.lists a {  
    text-decoration: none;  
    color: black;  
}  
  
#head1 {  
    background-color: palevioletred;  
    margin: 0cm;  
    padding: 0.4cm;  
    text-align: center;  

```

```
text-shadow: 1px 1px 2px grey;
}

#right {
    width: 3.5cm;
}

#btn {
    background-color: rgb(230, 140, 170);
    padding: 0.15cm 0.5cm;
    border: none;
    font-size: 1rem;
    border-radius: 6px;
    box-shadow: 2px 2px 3px gray;
}

#btn:hover {
    background-color: palevioletred;
    cursor: pointer;
}

#head2 .lists a:hover {
    color: brown;
}

#big {
    background-image: url("https://media.istockphoto.com/photos/doctor-in-hospital-background-with-copy-space-picture-id949812160?b=1&k=20&m=949812160&s=170667a&w=0&h=lqhc1XhEU-2HswOyNAGOws7Y9tJng0rs47dN8TNF7a4=");
    height: 15cm;
    width: 100%;
    padding: 0.5cm 0cm;
    background-size: 100%;
}

#container {
    width: 13cm;
    height: 10cm;
    margin: 3cm 1.5cm;
    border-radius: 20px;
    display: flex;
    flex-direction: column;
```

```
    align-items: center;
}

#slogan {
    text-align: center;
    font-size: 3rem;
    font-family: 'Plus Jakarta Text Bold';
    text-shadow: 1px 1px 2px gray;
}

.book {
    width: 8cm;
    padding: 0.4cm 1cm;
    background-color: rgb(230, 140, 170);
    border-radius: 25px;
    font-size: 1.2rem;
    border: none;
    box-shadow: 3px 3px 3px gray;
}

.book:hover {
    background-color: palevioletred;
    cursor: pointer;
    border: none;
}

#head {
    position: sticky;
    top: 0px;
    box-shadow: 1px 1px 8px gray;
}

.expli {
    font-size: 1.1rem;
    width: 5cm;
    height: 2cm;
}

#high {
    background-color: rgb(167, 87, 114);
    display: flex;
    justify-content: space-around;
    height: 4cm;
```

```
color: white;
}

.exp {
    text-align: center;
    font-size: 3.2rem;
    margin-top: 1cm;
}

#content {
    height: 15cm;
    font-size: 1.7rem;
    width: 100%;
    display: flex;
    flex-direction: row;
    align-items: center;
    justify-content: space-around;
}

#abt {
    color: rgb(167, 87, 114);
    text-shadow: 1px 1px 2px gray;
}

.pere {
    text-align: justify;
    width: 15cm;
}

#footer {
    background-color: rgb(167, 87, 114);
    display: flex;
    justify-content: space-around;
}

#column1 {
    width: 8cm;
    height: 5cm;
}

#column2 {
    width: 10cm;
    height: 9cm;
```

```
}

#column3 {
    width: 5cm;
    height: 5cm;
    padding-top: 1cm;
}

.column {
    align-content: center;
    font-size: 1.2rem;
    margin-top: 2cm;
}

#app {
    width: 4.5cm;
    height: 1cm;
    background-color: rgb(216, 133, 161);
    font-size: 0.8rem;
    border-radius: 25px;
    border: none;
    box-shadow: 1px 1px 5px rgb(41, 41, 41);
}

#app:hover {
    background-color: rgb(206, 119, 149);
}

#procedures {
    background-color: rgb(248, 215, 220);
    display: flex;
    justify-content: center;
    width: 100%;
    height: 23cm;
    flex-flow: row wrap;
    align-items: center;
}

.tech {
    width: 14cm;
    height: 6cm;
    margin: 0.2cm;
    font-size: 1.125rem;
```

```
background-color: rgb(251, 225, 229);
border: 1px solid rgb(248, 187, 197);
box-shadow: 0.1cm 0.1cm 8px rgb(248, 187, 197);
}

#sep {
    text-align: center;
    background-color: rgb(248, 215, 220);
    padding-top: 2cm;
    padding-bottom: 1cm;
    font-size: 2rem;
    text-shadow: 1px 1px 2px gray;
}

.stu {
    padding: 0.4cm;
    text-align: justify;
}

form {
    height: 22.6cm;
    display: flex;
    flex-direction: column;
    align-items: center;
    background-color: rgb(252, 239, 239);
}

.input {
    padding: 12px;
    width: 17cm;
    border-radius: 8px;
    border: none;
    box-shadow: 1px 1px 2px gray;
}

#elements {
    display: flex;
    flex-direction: column;
    font-size: 1.2rem;
}

h1 {
    margin-top: 2cm;
```

```
margin-bottom: 1cm;  
margin-right: 1cm;  
font-size: 2.5rem;  
text-shadow: 1px 1px 3px gray;  
}  
  
#submit {  
    margin-left: 5cm;  
}
```

REFERENCES

- <https://www.w3schools.com>
- <https://en.wikipedia.org>