

**INNOVATE. CREATE. SOLVE**

Bengaluru, Karnataka, India



**innovation.creation**

AN  
INTERNSHIP  
ON  
“LEAF NOW”

**Bachelor of Engineering**

In  
**Computer Science and Engineering**

Submitted by: **PRASHANTH REDDY C(1AM18CS131)**



**AMC Engineering College**  
**2021**

## ABOUT THE COMPANY

IC Solution (ICS) is a digital service provider that aims to provide software, designing and marketing solutions to individuals and businesses. At ICS, we believe that service and quality is the key to success

We provide all kinds of technological and designing solutions from Billing Software to Web Designs or any custom demand that you may have. Experience the service like none other!

Some of our services include:

Development - We develop responsive, functional and super-fast websites. We keep User Experience in mind while creating websites. A website should load quickly and should be accessible even on a small view-port and slow internet connection.

Mobile Application - We offer a wide range of professional Android, iOS & Hybrid app development services for our global clients, from a start up to a large enterprise.

Design - We offer professional Graphic design, Brochure design & Logo design. We are experts in crafting visual content to convey the right message to the customers.

Consultancy - We are here to provide you with expert advice on your design and development requirement.

Videos - We create a polished professional video that impresses your audience.

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## OVERVIEW OF THE PROJECT

**Project Name:** LEAF NOW

**Team Members:** PRASHANTH REDDY C

AVIRAL SINGH

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This project is based on Web Development And its Applications. The main objective of this project is to build a website for LEAF NOW with the implementation of HTML, CSS, JavaScript, PHP and SQL. The basic webpage of this project is created using HTML, styling of the webpage is done using CSS and backend is done using PHP and SQL.

This is a webpage about connecting enthusiasts, encouraging users to sell/buy/donate plants/seeds, by letting them know the importance of the same, set up a discussion page for the enthusiasts to start a discussion on topics that they like. Here in this web page firstly we get to see Landing page. We can Sign Up or Sign In using Email ID and enter the Home page. We can even download information in form of pdf directly from the web page. There is also a donation page, where we can donate some amount of money to LEAF NOW. There is also contact us page, where we can clarify any queries related to LEAF NOW. This is all about the website on LEAF NOW.

## **ABOUT LEAF NOW**

Ever since industrialization started the care for plants has made it to our least priority list, Even though mankind requires plants to balance the food chain that he's a part of, but the plant enthusiasts are everywhere, be it big metropolitan cities or rural areas, so we aim to bring in a platform that can connect these plant/nature enthusiasts and help them exchange/sell them plants or donate seeds/plants as part of the green initiative that we started 2 years back.

The most important feature of LEAF NOW is connecting enthusiasts, which means that users are able to create an account on the site and can start filling a form to submit their services, which will later be published if it is genuine. The second feature is encouraging users to sell/buy/donate plants/seeds, by letting them know the importance of the same. The users can also donate some amount for encouraging initiative taken by LEAF NOW.

## **TOOLS USED**

### **Software Requirements**

- Visual Studio Code 2019.
- Google Chrome or Microsoft Edge of latest version.
- Front End: HTML, CSS, JS
- Back End: PHP, SQL
- XAMPP Local Server.
- Linux 7.1 or Windows XP/7/8/10 OS or Mac OS

### **Hardware Requirements**

- Pentium 200-MHz computer with a minimum of 64 MB of RAM (128 MB of RAM recommended).
- Monitor with a refresh rate of at least 40Hz for a smooth GUI experience (optional).

## IMPLEMENTATION

### Source Code:

#### Landing.php:

```
<!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" />
    <title>Leaf Now</title>
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.
min.js"></script>
    <link rel="stylesheet" href="landing.css" />
    <script src="landing.js" defer></script>
  </head>
  <body>
    <nav>
      <a href="landing.php" class="brand-
logo">
        <img class="logo-resize" src="" alt="">
        <div class="brand-logo-name">LEAF NOW</div>
      </a>
      <div class="hamburger">
        <div class="line"></div>
        <div class="line"></div>
        <div class="line"></div>
      </div>
      <ul class="nav-links">
        <li><a class="link" href="signup.php">Sign Up</a></li>
        <li><a class="link" href="signin.php">Sign In</a></li>
        <li><a class="link" href="contact_us.php">Contact Us</a></li>
      </ul>
    </nav>
    <section class="landing">
      <h1 class="h">Welcome to Leaf Now!</h1>
    </section>
  </body>
</html>
```

#### Signup.php:

```
<?php
session_start();
?>
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
```

```

    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://unpkg.com/tailwindcss@^2/dist/tailwind.min.css" rel="
stylesheet">
    <link rel="stylesheet" href="nav.css">
    <title>Sign Up</title>
</head>
<body>
    <?php
    if (isset($_SESSION['signedIn']) && $_SESSION['signedIn'] == true) {
        header('Location: home.php');
    } else {
    ?>
    <nav>
        <a href="landing.php" class="brand-
logo">
            <img class="logo-resize" src="" alt="">
            <div class="brand-logo-name">LEAF NOW</div>
        </a>
        <div class="hamburger">
            <div class="line"></div>
            <div class="line"></div>
            <div class="line"></div>
        </div>
        <ul class="nav-links">
            <li><a class="link" href="signup.php">Sign Up</a></li>
            <li><a class="link" href="signin.php">Sign In</a></li>
            <li><a class="link" href="contact_us.php">Contact Us</a></li>
        </ul>
    </nav>
    <div class="grid min-h-screen place-items-center">
        <div class="w-11/12 p-12 bg-white sm:w-8/12 md:w-1/2 lg:w-5/12">
            <h1 class="text-center text-9xl font-black">Sign Up</h1>
            <form class="submit-signup mt-
6" action="signup.bk.php" method="POST">
                <label for="emailID" class="block mt-2 text-xs font-
semibold text-gray-600 uppercase" required>E-mail</label>
                <input id="emailID" type="email" name="emailID" placehold
er="mail@some-domain.com" autocomplete="email" class="text-center block w-
full p-3 mt-2 text-gray-700 bg-gray-200 appearance-none focus:outline-
none focus:bg-gray-300 focus:shadow-inner" required />
                <label for="password" class="block mt-2 text-xs font-
semibold text-gray-600 uppercase">Password</label>
                <input id="password" type="password" name="password" plac
eholder="*****" autocomplete="new-password" class="block text-center w-
full p-3 mt-2 text-gray-700 bg-gray-200 appearance-none focus:outline-
none focus:bg-gray-300 focus:shadow-inner" required />
                <label for="confirmpassword" class="block mt-2 text-
xs font-semibold text-gray-600 uppercase">Confirm password</label>
                <input id="confirmpassword" type="password" name="confirm
password" placeholder="*****" autocomplete="new-
password" class="block text-center w-full p-3 mt-2 text-gray-700 bg-gray-
200 appearance-none focus:outline-none focus:bg-gray-300 focus:shadow-
inner" required />

```



P1

```
        <button type="submit" name="submit-signup" class="w-
full py-3 mt-6 font-medium tracking-widest text-white uppercase bg-
black shadow-lg focus:outline-none hover:bg-gray-900 hover:shadow-none">
            Sign Up
        </button>
    </form>
</div>
</div>
<?php
}
?>
</body>
<style>
    html {
        background: url(s1.jpg) no-repeat center center fixed;
        -webkit-background-size: cover;
        -moz-background-size: cover;
        -o-background-size: cover;
        background-size: cover;
    }
</style>
</html>
```

### Signin.php:

```
<?php
session_start();
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://unpkg.com/tailwindcss@^2/dist/tailwind.min.css" rel="
stylesheet">
    <link rel="stylesheet" href="nav.css">
    <title>Sign In</title>
</head>
<body>
    <?php
    if (isset($_SESSION['signedIn']) && $_SESSION['signedIn'] == true) {
        header('Location: home.php');
    } else {
    ?>
    <nav>
        <a href="landing.php" class="brand-
logo">
            <img class="logo-resize" src="" alt="">
            <div class="brand-logo-name">LEAF NOW</div>
        </a>
        <div class="hamburger">
            <div class="line"></div>
```

```

        <div class="line"></div>
        <div class="line"></div>
    </div>
    <ul class="nav-links">
        <li><a class="link" href="signup.php">Sign Up</a></li>
        <li><a class="link" href="signin.php">Sign In</a></li>
        <li><a class="link" href="contact_us.php">Contact Us</a></li>
    </ul>
</nav>
<div class="grid min-h-screen place-items-center">
    <div class="w-11/12 p-12 bg-white sm:w-8/12 md:w-1/2 lg:w-5/12">
        <h1 class="text-center text-9xl font-black">Sign In</h1>
        <form class="submit-signin mt-6" action="signin.bk.php" method="POST">
            <label for="emailID" class="block mt-2 text-xs font-semibold text-gray-600 uppercase">E-mail</label>
            <input id="emailID" type="email" name="emailID" placeholder="mail@some-domain.com" autocomplete="email" class="block text-center w-full p-3 mt-2 text-gray-700 bg-gray-200 appearance-none focus:outline-none focus:bg-gray-300 focus:shadow-inner" required />
            <label for="password" class="block mt-2 text-xs font-semibold text-gray-600 uppercase">Password</label>
            <input id="password" type="password" name="password" placeholder="*****" autocomplete="new-password" class="block text-center w-full p-3 mt-2 text-gray-700 bg-gray-200 appearance-none focus:outline-none focus:bg-gray-300 focus:shadow-inner" required />
            <button type="submit" name="submit-signin" class="w-full py-3 mt-6 font-medium tracking-widest text-white uppercase bg-black shadow-lg focus:outline-none hover:bg-gray-900 hover:shadow-none">
                Sign In
            </button>
        </form>
    </div>
</div>
<?php
}
?>
</body>
<style>
    html {
        background: url(s1.jpg) no-repeat center center fixed;
        -webkit-background-size: cover;
        -moz-background-size: cover;
        -o-background-size: cover;
        background-size: cover;
    }
</style>
</html>

```

**Home.php:**

```

<!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" />
    <title>Leaf Now</title>
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.
min.js"></script>
    <link rel="stylesheet" href="nav.css">
    <script src="home.js" defer></script>
  </head>
  <body>
    <nav>
      <a href="home.php" class="brand-
logo">
        <img class="logo-resize" src="" alt="">
        <div class="brand-logo-name">LEAF NOW</div>
      </a>
      <div class="hamburger">
        <div class="line"></div>
        <div class="line"></div>
        <div class="line"></div>
      </div>
      <ul class="nav-links">
        <li><a class="link" href="home.php">Home</a></li>
        <li><a class="link" href="donation.html">Donation</a></li>
        <li><a class="link" href="contact_us.php">Contact Us</a></li>
        <li><a class="link" href="signout.php">Sign Out</a></li>
      </ul>
    </nav>
    <div class="container"></div>
    <div class="overlay"></div>
    <h1 style="text-align:center;">WHY Are Plants so Valuable.</h1>
    <section class="section">
      <div class="paras">
        <p class="sectionSubTag text-
small"><h3>Concentration and Memory</h3>Being around plants helps people conc
entrate better in the home and workplace. Studies show that tasks performed w
hile under the calming influence of nature are performed better and with grea
ter accuracy, yielding a higher quality result. Moreover, being outside in a
natural environment can improve memory performance and attention span by twen
ty percent. Work performed under the natural influence of ornamental plants i
s normally of higher quality and completed with a much higher accuracy rate t
han work done in environments devoid of nature.
      </p>
    </div>
    <div class="thumbnail">
      
    </div>
  </section>

```

```

<section class="section section-left" id="about">
  <div class="paras">
    <p class="sectionSubTag text-
small"><h3>Educational Programs / Special Events</h3>Botanical gardens often
play host to educational programs and special events, which contribute to the
cultural awareness and education of the community (children especially). Thi
s raises environmental consciousness and appreciation.Botanical gardens and z
oos often create educational programs for children in order to teach them how
the value of being environmentally-
conscious and conserving the environment. They can also impact adults in the
community as well, creating a cultural awareness of the importance of natural
environments.
    </p>
  </div>
  <div class="thumbnail">
    
  </div>
</section>
<section class="section" id="services">
  <div class="paras">
    <p class="sectionSubTag text-
small"><h3>Flowers Generate Happiness</h3> flowers around the home and office
greatly improves people's moods and reduces the likelihood of stress-
related depression. Flowers and ornamental plants increase levels of positive
energy and help people feel secure and relaxed. People who keep flowers in t
heir home feel happier, less stressed, and more relaxed. As a result of the p
ositive energy they derive from the environment, the chances of suffering fro
m stress-related depression are decreased as well.
    </p>
  </div>
  <div class="thumbnail">
    
  </div>
</section>
<section class="section section-left" id="services">
  <div class="paras">
    <p class="sectionSubTag text-
small"><h3>Health and Recreation</h3>Access to parks and recreational activit
ies is positively correlated with rates of physical activity, which improves
mood and contributes to overall healthiness. Health care costs are subsequent
ly reduced.Parks and urban green spaces impact people's health by providing t
hem with an inexpensive (often free) and convenient recreational service. The
re is a positive correlation between the presence of a park in a neighborhood
and the level of physical activity of the residents; people are much more li
kely to exercise when there is a no-
cost, aesthetically pleasing area or facility for them to use.
    </p>
  </div>
  <div class="thumbnail">
    
  </div>
</section>
<section class="section" id="services">

```

```

    <div class="paras">
      <p class="sectionSubTag text-
small"><h3>Accelerates Healing Process</h3>The presence of plants in hospital
recovery rooms and/or views of aesthetically-
pleasing gardens help patients to heal faster, due to the soothing affects of
ornamental horticulture.Shrubs, trees, and flowers have a practical applicat
ion in hospitals: the presence of plants in patient recovery rooms greatly re
duces the time necessary to heal. The soothing effects of ornamental flowers
and plants are so great that simply having daily views of flowers and other o
rnamental plants in landscaped areas outside patient recovery room significan
tly speed up recovery time.
    </p>
    </div>
    <div class="thumbnail">
      
    </div>
  </section>
  <section class="section section-left" id="services">
    <div class="paras">
      <p class="sectionSubTag text-
small"><h3>Improves Relationships/Compassion</h3>Research shows that people w
ho spend extended lengths of time around plants tend to have better relations
hips with others. This is due to measurable increases in feelings of compassi
on; another effect of exposure to ornamental plants.
    </p>
    </div>
    <div class="thumbnail">
      
    </div>
  </section>
  <section class="section" id="services">
    <div class="paras">
      <p class="sectionSubTag text-
small"><h3>Learning</h3>Research shows that children who spend time around pl
ants learn better. In addition, being around natural environments improves th
e ability of children with Attention Deficit Disorder to focus, concentrate,
and engage more with their surrounding environment.Ornamental plants are cond
ucive to generating a positive learning environment, reducing children's tend
ency towards distraction and helping them to be better able concentrate on sc
hool work. Specifically for children with problems paying attention, adding p
lants to the classroom can have a dramatic positive effect on the way they le
arn.
    </p>
    </div>
    <div class="thumbnail">
      
    </div>
  </section>
  <section class="section section-left" id="services">
    <div class="paras">
      <p class="sectionSubTag text-
small"><h3>Medicinal Properties</h3>Cultivating plants is beneficial to human
kind because of the many medicinal properties of trees and foliage plants.Cul

```

tivating plants helps humanity because it provides opportunities for additional scientific studies of the possible positive medicinal values of plants. Natural herbal remedies are simple and holistic methods for treating common illnesses and maladies.

```

    </p>
  </div>
  <div class="thumbnail">
    
  </div>
</section>
<section class="section" id="services">
  <div class="paras">
    <p class="sectionSubTag text-
small"><h3>Mental Health</h3>Studies have proven that people who spend more time outside in nature have better mental health and a more positive outlook on life. People who spend more time outside in nature have a significantly more positive outlook on life than people who spend a great deal of time indoors. Communing with the natural world increases people's feelings of vitality and energy, and consequently has a large positive effect on their overall mental health.
    </p>
  </div>
  <div class="thumbnail">
    
  </div>
</section>
<section class="section section-left" id="services">
  <div class="paras">
    <p class="sectionSubTag text-
small"><h3>Reduce Stress</h3>Studies show that people who spend time cultivating plants have less stress in their lives. Plants soothe human beings and provide a positive way for people to channel their stress into nurturing. Participation in gardening and landscaping activities is an effective way to reduce levels of stress. Studies have shown that people who nurture plants and garden have less mental distress than others. Gardening provides people with a positive way to channel their stress and frustration into something beautiful that provides them with comfort and joy.
    </p>
  </div>
  <div class="thumbnail">
    
  </div>
</section>
<section class="section" id="services">
  <div class="paras">
    <p class="sectionSubTag text-
small"><h3>Traffic Safety / Driver Satisfaction</h3>Beautifying road ways can have the dual effect of increasing driver satisfaction with the roadside landscape and creating a natural median. Drivers are much less likely to accidentally drive over a median if there is a landscaped area between oncoming lanes of traffic.
    </p>
  </div>

```

```

    <div class="thumbnail">
      
    </div>
  </section>
  <section class="section section-left" id="services">
    <div class="paras">
      <p class="sectionSubTag text-
small"><h3>Reduce Community Crime / Community Cohesion</h3>Neighborhoods with
beautiful parks tend to have less crime. This is due in part to the effect t
hat parks have on a community; parks give people a reason to come together an
d become a tight-
knit community. People who care about their neighborhood parks are much more
likely to get politically involved when businesses threaten to downsize them.
Increasing political activism in the community is another positive outcome o
f cultivating a love for neighborhood parks.
    </p>
    </div>
    <div class="thumbnail">
      
    </div>
  </section>

</body>
</html>

```

## Donation.html:

```

<!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">
  <link href='https://fonts.googleapis.com/css?family=Montserrat:400,700' r
el='stylesheet' type='text/css'>
  <link href='https://fonts.googleapis.com/css?family=Droid+Serif:400,700,7
00italic,400italic' rel='stylesheet' type='text/css'>
  <link href='donation.css' rel='stylesheet' type='text/css'>
  <link rel="stylesheet" href="nav.css">
</head>
<body bgcolor="#d0f0c0">
  <nav>
    <a href="landing.php" class="brand-
logo">
      <img class="logo-resize" src="" alt="">
      <div class="brand-logo-name">LEAF NOW</div>
    </a>
    <div class="hamburger">
      <div class="line"></div>
      <div class="line"></div>
      <div class="line"></div>
    </div>

```

```

        <ul class="nav-links">
            <li><a class="link" href="signup.php">Sign Up</a></li>
            <li><a class="link" href="signin.php">Sign In</a></li>
            <li><a class="link" href="contact_us.php">Contact Us</a></li>
        </ul>
    </nav>
    <div class="body">
        <div class="text1">
            <h1><q>You can help protect people and nature by making a tax-
deductible donation to Leaf Now.</h1>
        </p>
        <p>When you donate, you're supporting effective solutions to big envi-
ronmental challenges—an investment in the
            future of our planet.</p>
        </div>
        <div class="donation-container">
            <div class="donation-box">
                <div class="title">Donation Information</div>
                <form action="donation.html" method="GET">
                    <div class="fields">
                        <input type="text" id="firstName" placeholder="First Name
"> </input>
                        <input type="text" id="lastName" placeholder="Last Name">
</input>
                        <input type="text" id="email" placeholder="Email"> </inpu
t>
                        <input type="number" id="contact" placeholder="Contact No
"> </input>
                        <input type="text" id="amount" placeholder="Amount in Rup
ees"> </input>
                    </div>
                    <input class="donate-
button" type="submit" value="Donate Now"></input>
                </form>
            </div>
            <div class="text2">
                <p>Trees are an important part of eco-
systems across the plant. Trees provide vital resources, clean our
                    air, protect as from weather and provide enjoyment. Planting
a tree with a child is a great way to help
                    children understand the role of trees in the environment and
also understand how each person can make a
                    difference in their own community. Tree planting provide “the
roots” for building future appreciation
                    and stewardship for nature. <a href="Donate.pdf" download="Do
nate.pdf">Click Here for more</a></p>
            </div>
        </div>
    </div>
</body>
</html>

```



## Donation.php:

```
<?php
    $fname = htmlspecialchars($_POST['fname']);
    $lname = htmlspecialchars($_POST['lname']);
    $email = htmlspecialchars($_POST['email']);
    $contact = htmlspecialchars($_POST['contact']);
    $amount = htmlspecialchars($_POST['amount']);
    $conn = new mysqli('localhost','root','','leafnow');
    if($conn->connect_error){
        die('Connection Failed : '.$conn->connect_error);
    }else{
        $stmt = $conn-
>prepare("insert into donation(fname,lname,email,contact,amount)
        values(?,?,?,?,?)");
        $stmt->bind_param("ssiss",$fname,$lname,$email,$contact,$amount);
        $stmt->execute();
        $stmt->close();
        $conn->close();
    }
?>
```

## Contact\_us.php:

```
<?php
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap
/4.3.1/css/bootstrap.min.css" >
    <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.8.2/
css/all.css" >
    <link rel="stylesheet" href="contact_us.css">
    <link rel="stylesheet" href="nav.css">
    <title>Contact Us</title>
</head>
<body>
    <nav>
        <a href="/" class="brand-
logo">
            <img class="logo-resize" src="" alt="">
            <div class="brand-logo-name">LEAF NOW</div>
        </a>
        <div class="hamburger">
            <div class="line"></div>
            <div class="line"></div>
            <div class="line"></div>
        </div>
```

```

        <ul class="nav-links">
            <li><a class="link" href="signup.php">Sign Up</a></li>
            <li><a class="link" href="#">Sign In</a></li>
            <li><a class="link" href="contact_us.php">Contact Us</a></li>
        </ul>
    </nav>
    <div class="container-fluid">
        <div class="container">
            <div class="row">
                <div class="contact-box">
                    <div class="contact-area">
                        <div class="contact-header">
                            <h4 class="header-
text"> Contact Us</h4>
                        </div>
                        <div class="contact-body">
                            <form method="post" id="contact-
form" autocomplete="off">
                                <div class="contact-field">
                                    <div class="contact-field-sub">
                                        <label class="label-text">Name *</label>
                                        <span class="primary-field-
icon"><i class="fas fa-user"></i></span>
                                        <input type="text" name="name" id="name"
class="primary-field form-control">
                                    </div>
                                    <div class="contact-field-sub">
                                        <label class="label-
text">Subject *</label>
                                        <span class="primary-field-
icon"><i class="fas fa-clipboard"></i></span>
                                        <input type="text" name="subject" id="sub
ject" class="primary-field form-control">
                                    </div>
                                </div>
                                <div class="contact-field">
                                    <div class="contact-field-sub">
                                        <label class="label-text">Email *</label>
                                        <span class="primary-field-
icon"><i class="fas fa-envelope"></i></span>
                                        <input type="text" name="email" id="email
" class="primary-field form-control">
                                    </div>
                                    <div class="contact-field-sub">
                                        <label class="label-
text">Phone Number *</label>
                                        <span class="primary-field-
icon"><i class="fas fa-phone"></i></span>
                                        <input type="text" name="phone" id="phone
" class="primary-field form-control">
                                    </div>
                                </div>
                                <div class="contact-field">

```

```
<div class="contact-field-msg-sub">  
    <label class="label-  
text">Message *</label>  
        <span class="primary-field-msg-  
icon"><i class="fas fa-comment"></i></span>  
            <textarea name="msg" id="msg" class="form  
-control primary-field-textarea"></textarea>  
        </div>  
    </div>  
    <div class="contact-field">  
        <div class="success-  
msg"> Thank You For Contact Us. </div>  
    </div>  
    <div class="contact-field">  
        <input type="submit" value="Send" class="my-  
btn" id="submit">  
        <button class="my-btn" id="loader" disabled>  
            <span class="spinner-border spinner-  
border-sm" role="status" aria-hidden="true"></span>  
        </button>  
    </div>  
</form>  
</div>  
</div>  
</div>  
</div>  
</div>  
</div>  
<script src="https://code.jquery.com/jquery-3.4.1.min.js" ></script>  
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/  
popper.min.js"></script>  
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootst  
rap.min.js"></script>  
<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery-  
validate/1.19.0/jquery.validate.min.js"></script>  
<script type="text/javascript">  
$(document).ready(function () {  
    $('#loader, .success-msg').hide();  
    $.validator.addMethod("regex", function(value, element, regexp){  
        var re = new RegExp(regexp);  
        return this.optional(element) || re.test(value);  
    }, "Invalid Validation Expression" );  
    $('#contact-form').validate({  
        rules : {  
            name : {  
                required : true,  
                normalizer: function(value) {  
                    return $.trim(value);  
                },  
                regex : /^[a-zA-Z-,]+(\s{0,1}[a-zA-Z-, ])*$/ ,  
                minlength : 3,  
                maxlength : 100  
            },
```

```

    subject : {
      required : true,
      normalizer: function(value) {
        return $.trim(value);
      },
      regex : /^[a-zA-Z-,\s]{0,1}[a-zA-Z-,\s]*$/,
      minlength : 3,
      maxlength : 200
    },
    email : {
      required : {
        depends: function () {
          $(this).val($.trim($(this).val()));
          return true;
        }
      },
      maxlength : 100,
      regex : /^((([^\<>()\[\]\\\.,;:\s@"]+(\.([^\<>()\[\]\\\.,;:\s@"]
    ]+)*))|((".+"))@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\)|((([a-zA-
    Z\-[0-9]+\.[0-9]+\.[a-zA-Z]{2,}))$)/
    },
    phone : {
      required : true,
      normalizer: function(value) {
        return $.trim(value);
      },
      regex : /^(1\s)?((\([0-9]{3}\)|[0-9]{3})[\s-]?[0-
    9]{3}[\s-]?[0-9]{4})$/
    },
    msg : {
      required : true,
      normalizer: function(value) {
        return $.trim(value);
      },
      minlength : 3,
      maxlength : 5000
    }
  },
  messages : {
    name : {
      required : 'Please Enter Your Name',
      minlength : 'Please Enter Valid Name',
      maxlength : 'Only 100 Charater Allow',
      regex : 'Only Number and Letters Allow'
    },
    subject : {
      required : 'Please Enter Subject',
      minlength : 'Please Enter Valid Subject Name',
      maxlength : 'Only 200 Charater Allow',
      regex : 'Only Number and Letters Allow'
    },
    email : {
      required : 'Please Enter Email',

```

```

        maxlength : 'Only 100 Charater Allow',
        regex : 'Please Enter Valid Email Address'
    },
    phone : {
        required : 'Please Enter Phone number',
        regex : 'Please Enter Valid Number (US)'
    },
    msg : {
        required : 'Please Enter Message',
        minlength : 'Please Enter Valid Message',
        maxlength : 'Only 5000 Charater Allow'
    },
},
highlight: function (element) {
    $(element).addClass("is-invalid").removeClass("is-valid");
},
unhighlight: function (element) {
    $(element).addClass("is-valid").removeClass("is-invalid");
},
submitHandler: function () {
    $.ajax({
        type : 'POST',
        url : 'contact_us.bk.php',
        data : $('#contact-form').serialize(),
        beforeSend : function(){
            $('#loader').show();
            $('#submit').hide();
        },
        complete : function(){
            $('#loader').hide();
            $('#submit').show();
        },
        success : function(response){
            var get_data = JSON.parse(response);
            if(get_data.status == 200){
                $('#contact-form').trigger("reset");
                $("#name, #subject, #email, #phone, #msg").remove
Class("is-valid");
                $(".success-
msg").delay(100).fadeIn( "slow", function (){
                    $(this).delay(2000).fadeOut("slow");
                });
                console.log(get_data.msg);
            }
            else{
                console.log(get_data.msg);
            }
        }
    });
    return false;
});});
</script>
</body>
</html>

```

---

## IMPLEMENTATION

### Source Code (P2.CSS):

#### Landing.css:

```
@import url('https://fonts.googleapis.com/css?family=Poppins:400,500,700');
*, *::before, *::after {
  box-sizing: border-box;
  font-family: 'Poppins', sans-serif;
  font-weight: normal;
  margin: 0;
  padding: 0;
}
html {
  background: url(l1.jpg) no-repeat center center fixed;
  -webkit-background-size: cover;
  -moz-background-size: cover;
  -o-background-size: cover;
  background-size: cover;
}
nav {
  height: 10vh;
  background: rgb(36, 35, 35);
  display: flex;
}
.brand-logo {
  display: flex;
  align-items: center;
  font-size: 1.25em;
  color: inherit;
  text-decoration: none;
  color: white;
  margin-left: 5%;
}
.brand-logo-name{
  font-size: 45px;
  font-family: cursive;
}
.nav-links {
  display: flex;
  list-style: none;
  width: 40%;
  height: 100%;
  align-items: center;
  justify-content: space-around;
  margin-left: auto;
}
.nav-links .link {
  color: white;
  text-decoration: none;
  font-size: 25px;
}
```

```
    font-family: sans-serif;
  }
  .landing {
    display: flex;
    height: 90vh;
    justify-content: center;
    align-items: center;
  }
  .landing > h1 {
    font-size: 70px;
    font-family: 'Courgette', cursive;
  }
  .h{
    backdrop-filter: blur(10px)
  }
  @media screen and (max-width: 768px) {
    .line {
      width: 30px;
      height: 3px;
      background: rgb(252, 252, 252);
      margin: 5px;
      border-radius: 1px
    }
    nav {
      position: relative;
    }
    .hamburger {
      position: absolute;
      cursor: pointer;
      right: 5%;
      top: 50%;
      transform: translate(-5%, -50%);
      z-index: 1;
    }
    .nav-links {
      position: fixed;
      background: rgb(36, 35, 35);
      height: 100vh;
      width: 100%;
      flex-direction: column;
      pointer-events: none;
      clip-path: circle(100px at 90% -40%);
      -webkit-clip-path: circle(100px at 90% -10%);
      transition: all 1s ease-out;
    }
    .nav-links.open {
      clip-path: circle(1400px at 90% -10%);
      -webkit-clip-path: circle(1400px at 90% -10%);
      pointer-events: all;
    }
    .nav-links li {
      opacity: 0;
    }
  }
```

```

.nav-links > li > a {
    font-size: 1.4rem;
}
.nav-links li:nth-child(1) {
    transition: all 0.5s ease 0.2s;
}
.nav-links li:nth-child(2) {
    transition: all 0.5s ease 0.35s;
}
.nav-links li:nth-child(3) {
    transition: all 0.5s ease 0.45s;
}
li.fade {
    opacity: 1;
}
}

```

### Home.css:

```

html, body, * {
    box-sizing: border-box;
}
.container {
    background-image: url("https://image.shutterstock.com/image-photo/green-leaves-tropical-plants-bush-260nw-1556705276.jpg");
    background-size : 50vw 50vh;
    width: 100%;
    height: 30vh;
    border-radius: 20px;
    z-index: 2;
}
.overlay {
    position: fixed;
    left: 0;
    top: 0;
    width: 100%;
    height: 100%;
    background-color: rgba(0,0,0,0.5);
    z-index: 10;
    opacity: 0;
    visibility: hidden;
    transition: all .5s ease;
}
.section{
    display: flex;
    align-items: center;
    justify-content: space-evenly;
    max-width: 80%;
    margin: auto;
    margin-top: 20px;
    font-family: 'Ubuntu', sans-serif;
    padding: 10px;
}

```



```

}
.section-left{
  flex-direction: row-reverse;
}
.text-small{
  font-size: 18px;
}
.paras{
  padding: 0px 65px;
}
.sectionTag{
  padding: 16px 0;
}
.sectionSubTag{
  font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
}
.thumbnail img{
  width: 250px;
  border: 2px solid black;
  border-radius: 26px;
  margin-top: 19px;
}
@media only screen and (max-width: 1140px){
  .section{
    flex-direction: column-reverse;
  }
  .text-small{
    text-align: center;
  }
  .text-big{
    text-align: center;
  }
  .paras {
    padding: 0px;
  }
}
}

```

### Contact us.css:

```

@import url('https://fonts.googleapis.com/css?family=Ubuntu+Condensed&display=swap');
*{
  text-decoration: none !important;
}
html,body{
  background: url(c1.jpg) no-repeat center center fixed;
  -webkit-background-size: cover;
  -moz-background-size: cover;
  -o-background-size: cover;
  background-size: cover;
  font-family: 'Ubuntu Condensed', sans-serif;
}

```

```
.contact-box{
  width: 100%;
  height: 100%;
  display: flex;
  justify-content: center;
  align-items: center;
  margin-top: 10%;
}
.contact-area{
  width: 50%;
  height: auto;
  margin: 25px 0px;
  padding: 25px;
  background-color: #ceffff;
}
.contact-header{
  width: 100%;
  height: auto;
  text-align: center;
  padding: 15px 10px;
  background-color: #ceffff;
  border-top: 2px dashed gray;
  border-left: 2px dashed gray;
  border-right: 2px dashed gray;
  box-shadow: 0px 0px 2px 1px #131313;
}
.header-text{
  font-size: 20px;
  font-weight: 700;
}
.contact-body{
  width: 100%;
  height: auto;
  padding: 15px 10px;
  background-color: #ceffff;
  border: 2px dashed gray;
  box-shadow: 0px 0px 2px 1px #131313;
}
.contact-field{
  width: 100%;
  height: auto;
  display: flex;
  justify-content: space-around;
  flex-wrap: wrap;
  flex-direction: row;
}
.contact-field-sub{
  width: 45%;
  height: auto;
  padding: 5px 5px;
  margin: 5px;
}
```

```
.contact-field-msg-sub{
  width: 100%;
  height: auto;
  padding: 5px 14px;
  margin: 5px;
}
.primary-field{
  width: 80%;
  height: 40px;
  font-weight: 500;
  position: relative;
  background-color: white;
  left: 40px;
  border: 0.5px solid rgb(175, 175, 175);
}
.primary-field-textarea{
  width: 100%;
  height: 120px !important;
  padding: 10px 10px 10px 45px;
  font-weight: 500;
  position: relative;
  background-color: white;
  border: 0.5px solid rgb(175, 175, 175);
}
.primary-field-msg-icon{
  width: 40px !important;
  height: 40px;
  line-height: 40px;
  background-color: white;
  position: absolute;
  text-align: center;
  border: 0.5px solid rgb(175, 175, 175);
  z-index: 10;
}
.primary-field-icon{
  width: 40px !important;
  height: 40px;
  line-height: 40px;
  background-color: white;
  position: absolute;
  text-align: center;
  border-left: 0.5px solid rgb(175, 175, 175);
  border-top: 0.5px solid rgb(175, 175, 175);
  border-bottom: 0.5px solid rgb(175, 175, 175);
}
.primary-field-icon i{
  font-size: 20px !important;
}
.primary-field-msg-icon i{
  font-size: 20px !important;
}
.label-text{
  display: block;
```

```
    font-size: 14px;
    font-weight: 400;
    margin-bottom: 4px !important;
  }
  .form-control{
    border-radius: 0px !important;
  }
  .my-btn{
    border: 2px dashed black;
    padding: 8px 35px;
    margin: 5px;
    border-radius: 2px;
    font-weight: 600;
    font-size: 15px;
    background-color: rgb(0 123 255 / 50%);
    box-shadow: 0px 0px 5px 1px gray;
  }
  .my-btn:hover{
    transform: scale(1.1);
    box-shadow: 0px 0px 5px 1px black;
  }
  .error{
    color: red !important;
    font-size: 13px;
    padding: 3px;
    margin-bottom: 0px !important;
    box-shadow: inset 0px 0px 1px 1px gray;
  }
  .success-msg{
    padding: 5px 35px;
    margin: 10px auto;
    box-shadow: 0px 0px 3px 1px green;
    font-size: 18px;
    font-weight: 600;
    border-radius: 5px;
  }
}

@media (max-width: 768px) {
  .contact-field-sub{
    width: 100%;
  }
  .primary-field{
    width: 88%;
  }
  .contact-field-msg-sub{
    padding: 5px 4px;
  }
}

@media (max-width: 992px) {
  .contact-area{
    width: 95%;
    padding: 20px;
  }
}
```

## IMPLEMENTATION

### Source Code (P2.JS):

#### Landing.js:

```
"use strict";
function burgerClick() {
  const hamburger = document.querySelector('.hamburger');
  const navLinks = document.querySelector('.nav-links');
  const links = document.querySelectorAll(".nav-links li");
  hamburger.addEventListener("click", function(event) {
    navLinks.classList.toggle('open');
    links.forEach(function(link) {
      link.classList.toggle('fade');
    });
  });
}
function setupEventHandlers() {
  burgerClick();
}
function initialize() {
  setupEventHandlers();
}
$(initialize);
```

#### Donation.js:

```
const form = document.querySelector("form"),
statusTxt = form.querySelector(".button-area span");
form.onsubmit = (e)=>{
  e.preventDefault();
  statusTxt.style.color = "#0D6EFD";
  statusTxt.style.display = "block";
  statusTxt.innerText = "Sending your message...";
  form.classList.add("disabled");
  let xhr = new XMLHttpRequest();
  xhr.open("POST", "donation.php", true);
  xhr.onload = ()=>{
    if(xhr.readyState == 4 && xhr.status == 200){
      let response = xhr.response;
      if(response.indexOf("required") != -1 || response.indexOf("valid") != -
1 || response.indexOf("failed") != -1){
        statusTxt.style.color = "red";
      }else{
        form.reset();
        setTimeout(()=>{
          statusTxt.style.display = "none";
        }, 3000);
      }
      statusTxt.innerText = response;
      form.classList.remove("disabled");
    } }
    let formData = new FormData(form);
    xhr.send(formData);
  }
```

---

## IMPLEMENTATION

### Source Code (Backend):

#### Config.php:

```
<?php
$servername = "localhost";
$dbUsername = "root";
$dbPassword = "";
$dbName = "leafnow";
$conn = mysqli_connect($servername, $dbUsername, $dbPassword, $dbName);
if(!$conn) {
    die("Connection Failed: ".mysqli_connect_error());
}
?>
```

#### Signup.bk.php:

```
<?php
if (isset($_POST['submit-signup'])) {
    require 'config.php';
    $emailID = $_POST['emailID'];
    $password = $_POST['password'];
    $confirmPassword = $_POST['confirmpassword'];
    if (empty($emailID) || empty($password) || empty($confirmPassword)) {
        header("Location: signup.php?error=emptyfields");
        exit();
    }
    else if ($password !== $confirmPassword) {
        header("Location: signup.php?error=invalidconfirmpassword");
        exit();
    }
    else {
        $sql = "SELECT emailID FROM users WHERE emailID=?";
        $stmt = mysqli_stmt_init($conn);
        if (!mysqli_stmt_prepare($stmt, $sql)) {
            header("Location: signup.php?error=sqlerror");
            exit();
        }
        else {
            mysqli_stmt_bind_param($stmt, "s", $emailID);
            mysqli_stmt_execute($stmt);
            mysqli_stmt_store_result($stmt);
            $resultCheck = mysqli_stmt_num_rows($stmt);
            if ($resultCheck > 0) {
                header("Location: signup.php?error=emailIDtaken");
                exit();
            }
            else {
                $sql = "INSERT INTO users (emailID, password) VALUES (?, ?)";
                $stmt = mysqli_stmt_init($conn);
                if (!mysqli_stmt_prepare($stmt, $sql)) {
```

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```
        header("Location: signup.php?error=sqlerror");
        exit();
    } else {
        $hashedPassword = password_hash($password, PASSWORD_DEFAULT);

        mysqli_stmt_bind_param($stmt, "ss", $emailID, $hashedPassword);

        mysqli_stmt_execute($stmt);
        session_start();
        $_SESSION['userType'] = 'student';
        $_SESSION['userEmailID'] = $emailID;
        header("Location: signin.php?registration=success");
        exit();
    }
}

mysqli_stmt_close($stmt);
mysqli_close($conn);
}
else {
    header("Location: signup.php");
    exit();
}
```

## Signin.bk.php:

```
<?php
if (isset($_POST['submit-signin'])) {
    require 'config.php';
    $emailID = $_POST['emailID'];
    $password = $_POST['password'];
    if (empty($emailID) || empty($password)) {
        header("Location: signin.php?error=emptyfields");
        exit();
    } else {
        $sql = "SELECT * FROM users WHERE emailID=?";
        $stmt = mysqli_stmt_init($conn);
        if (!mysqli_stmt_prepare($stmt, $sql)) {
            header("Location: signin.php?error=sqlerror");
            exit();
        } else {
            mysqli_stmt_bind_param($stmt, "s", $emailID);
            mysqli_stmt_execute($stmt);
            $result = mysqli_stmt_get_result($stmt);
            if ($row = mysqli_fetch_assoc($result)) {
                $passwordCheck = password_verify($password, $row['password']);

                if ($passwordCheck == false) {
                    header("Location: signin.php?error=incorrectpassword&emailID");
                    exit();
                }
            }
        }
    }
}
```

```

        } else if ($passwordCheck == true) {
            session_start();
            $_SESSION['userType'] = 'student';
            $_SESSION['userEmailID'] = $emailID;
            $_SESSION['userID'] = $row['user_id'];
            $_SESSION['signedIn'] = true;
            header("Location: home.php?signin=success");
            exit();
        } else {
            header("Location: ../auth/signInStudent.php?error=sqlerro
r");
            exit();
        }
    } else {
        header("Location: ../auth/signInStudent.php?error=nouser");
        exit();
    }
}
} else {
    header("Location: home.php");
    exit();
}
}

```

## Contact config.php:

```

<?php
class Config{
    private $DBHOST='localhost';
    private $DBUSER='root';
    private $DBPASS='';
    private $DBNAME='leafnow';
    public $conn;
    public function __construct(){
        $this->conn = mysqli_connect($this->DBHOST, $this->DBUSER, $this->
DBPASS, $this->DBNAME);
        if(!$this->conn){
            return false;
        }
    }
    public function htmlvalidation($form_data){
        return $form_data;
    }
    public function insert($tblname, $filed_data){
        $query_data = "";
        foreach ($filed_data as $q_key => $q_value) {
            $query_data = $query_data."$q_key='$q_value',";
        }
        $query_data = rtrim($query_data,",");
        $query = "INSERT INTO $tblname SET $query_data";
        $insert_fire = mysqli_query($this->conn, $query);
    }
}

```



```

        if($insert_fire){
            return $insert_fire;
        }
        else{
            return false;
        }
    }
}
?>

```

## Contact\_us.bk.php:

```

<?php
require_once 'contact_config.php';
$UDF = new Config();
$json_data = array();
if($_SERVER['REQUEST_METHOD'] == 'POST'){
    if( (isset($_POST['name']) && !empty(trim($_POST['name']))) && (isset($_POST['subject']) && !empty(trim($_POST['subject']))) && (isset($_POST['email']) && !empty(trim($_POST['email']))) && (isset($_POST['phone']) && !empty(trim($_POST['phone']))) && (isset($_POST['msg']) && !empty(trim($_POST['msg']))) ) ){
        $name = $UDF->htmlvalidation($_POST['name']);
        $subject = $UDF->htmlvalidation($_POST['subject']);
        $email = $UDF->htmlvalidation($_POST['email']);
        $phone = $UDF->htmlvalidation($_POST['phone']);
        $msg = $UDF->htmlvalidation($_POST['msg']);
        if( (strlen($name) >= 3 && strlen($name) <= 100) && (strlen($subject) >= 3 && strlen($subject) <= 200) && (strlen($msg) >= 3 && strlen($msg) <= 500) && (strlen($email) <= 100) ){
            if( preg_match('/^[a-zA-Z-,\s]{0,1}[a-zA-Z-,\s]*$/',$name) && preg_match('/^[a-zA-Z-,\s]{0,1}[a-zA-Z-,\s]*$/',$subject) && preg_match('/^((([<>()\\[\]\\\.,;:~@"]+)(\.[^<>()\\[\]\\\.,;:~@"]+)*)|(".*"))@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\])|(([a-zA-Z-0-9]+\.)+[a-zA-Z]{2,}))$/', $email) && preg_match('/^(1[s?]?((\([0-9]{3}\))|([0-9]{3})[s\-\]?[0-9]{3}[s\-\]?[0-9]{4})$/', $phone) ){
                $field_val['c_name'] = $name;
                $field_val['c_subject'] = $subject;
                $field_val['c_email'] = $email;
                $field_val['c_phone_no'] = $phone;
                $field_val['c_msg'] = $msg;
                $insert = $UDF->insert('contact_us', $field_val);
                if($insert){
                    $json_data['status'] = 200;
                    $json_data['msg'] = "Success";
                }
            }
            else{
                $json_data['status'] = 201;
                $json_data['msg'] = "Issue Found";
            }
        }
    }
}

```

```
        else{
            $json_data['status'] = 202;
            $json_data['msg'] = "Invalid Expression";
        }
    }
    else{
        $json_data['status'] = 203;
        $json_data['msg'] = "Invalid Format";
    }
}
else{
    $json_data['status'] = 204;
    $json_data['msg'] = "Invalid Format";
}
}
else{
    $json_data['status'] = 205;
    $json_data['msg'] = "Invalid Request Method";
}
}
echo json_encode($json_data);
?>
```

---

## IMPLEMENTATION

### SQL Database:

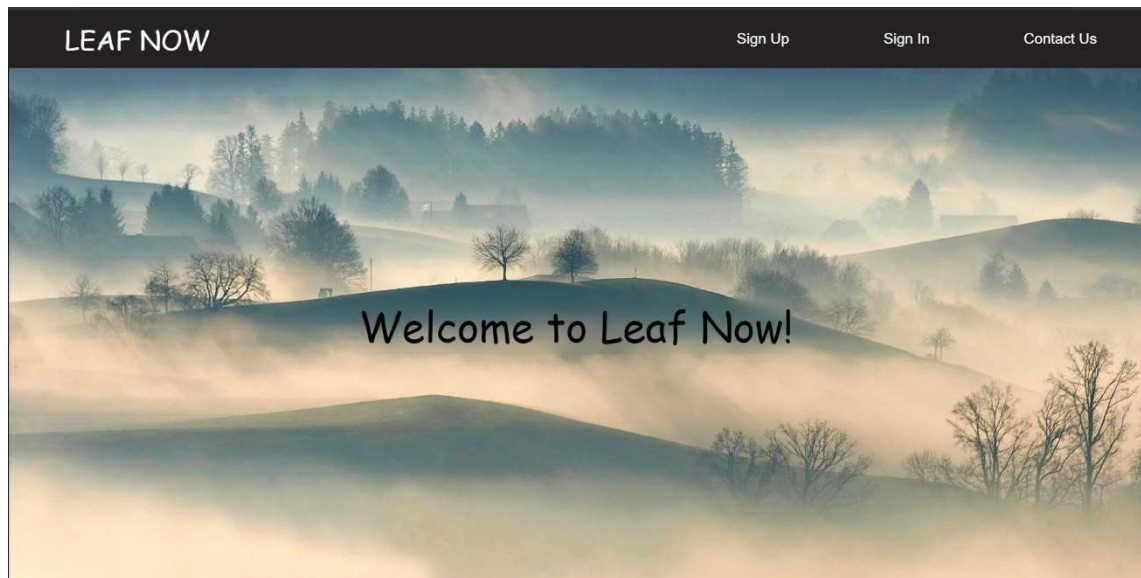
```
CREATE TABLE `contact_us` (  
  `id` int(11) NOT NULL,  
  `c_name` varchar(100) NOT NULL,  
  `c_subject` varchar(256) NOT NULL,  
  `c_email` varchar(100) NOT NULL,  
  `c_phone_no` varchar(20) NOT NULL,  
  `c_msg` text NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;  
  
CREATE TABLE `donation` (  
  `id` int(11) NOT NULL,  
  `fname` varchar(100) NOT NULL,  
  `lname` varchar(100) NOT NULL,  
  `email` varchar(256) NOT NULL,  
  `contact` varchar(15) NOT NULL,  
  `amount` decimal(19,4) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;  
  
CREATE TABLE `users` (  
  `user_id` int(11) NOT NULL,  
  `emailID` varchar(100) NOT NULL,  
  `password` varchar(255) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;  
  
ALTER TABLE `contact_us`  
  ADD PRIMARY KEY (`id`);  
ALTER TABLE `donation`  
  ADD PRIMARY KEY (`id`);  
ALTER TABLE `users`  
  ADD PRIMARY KEY (`user_id`);  
ALTER TABLE `contact_us`  
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=3;  
ALTER TABLE `donation`  
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT;  
ALTER TABLE `users`  
  MODIFY `user_id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=6;  
COMMIT;
```

---

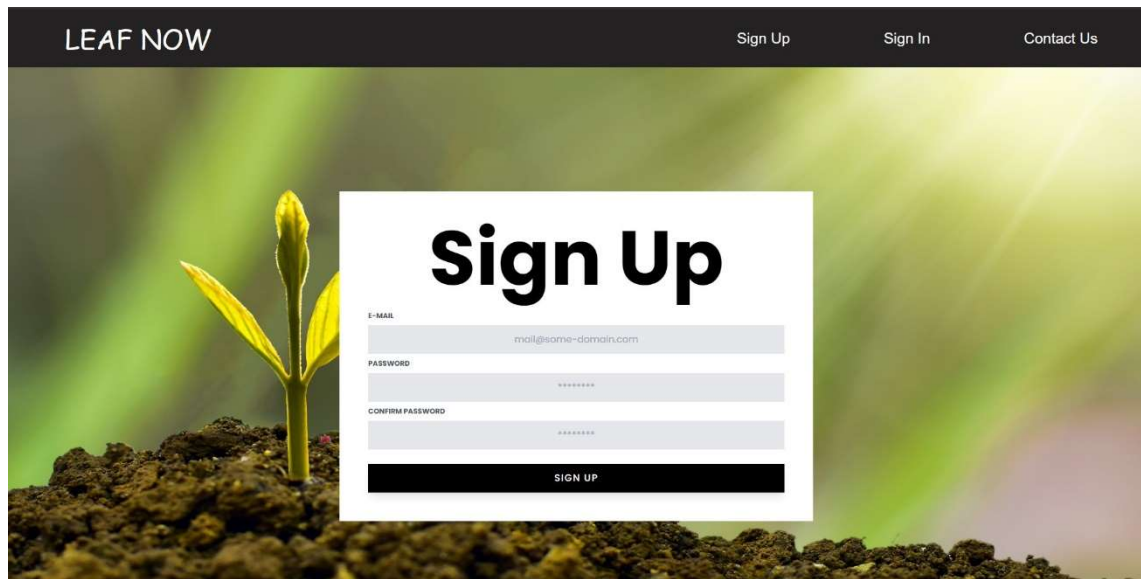
## IMPLEMENTATION

**Snapshots :**

**Landing Page:**



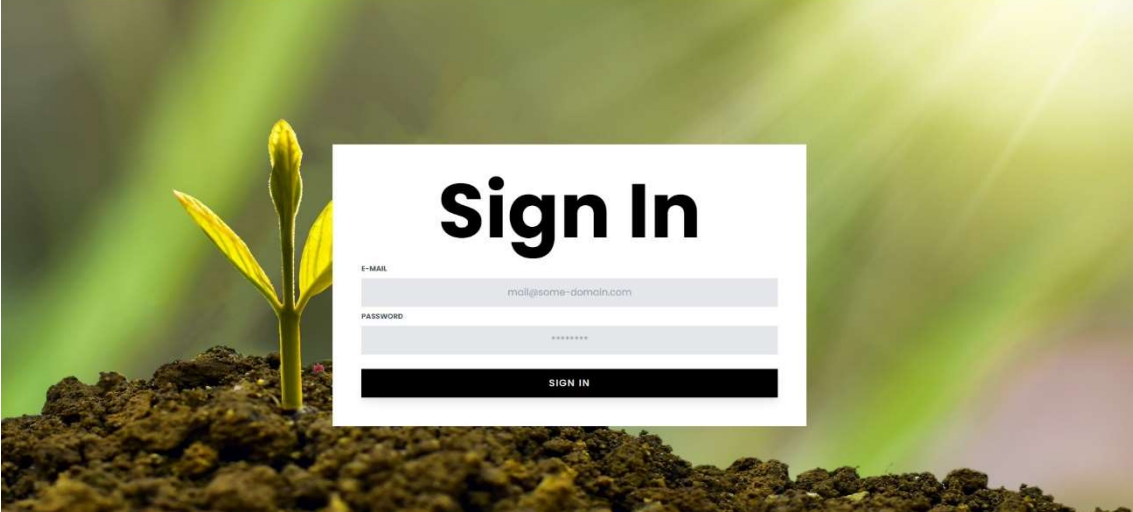
**Sign Up Page:**



## Sign In Page:

LEAF NOW

[Sign Up](#)
[Sign In](#)
[Contact Us](#)



# Sign In

E-MAIL


PASSWORD

[SIGN IN](#)

## Home Page:

LEAF NOW


[Home](#)
[Donation](#)
[Contact Us](#)
[Sign](#)




WHY Are Plants so Valuable.

**Concentration and Memory**

Being around plants helps people concentrate better in the home and workplace. Studies show that tasks performed while under the calming influence of nature are performed better and with greater accuracy, yielding a higher quality result. Moreover, being outside in a natural environment can improve memory performance and attention span by twenty percent. Work performed under the natural influence of ornamental plants is normally of higher quality and completed with a much higher accuracy rate than work done in environments devoid of nature.





**Educational Programs / Special Events**

Botanical gardens often play host to educational programs and special events, which contribute to the cultural awareness and education of the community (children especially). This raises environmental consciousness and appreciation. Botanical gardens and zoos often create educational programs for children in order to teach them how the value of being environmentally-conscious and conserving the environment. They can also impact adults in the community as well, creating a cultural awareness of the importance of natural environments.

#### Flowers Generate Happiness

Flowers around the home and office greatly improves people's moods and reduces the likelihood of stress-related depression. Flowers and ornamental plants increase levels of positive energy and help people feel secure and relaxed. People who keep flowers in their home feel happier, less stressed, and more relaxed. As a result of the positive energy they derive from the environment, the chances of suffering from stress-related depression are decreased as well.



#### Health and Recreation

Access to parks and recreational activities is positively correlated with rates of physical activity, which improves mood and contributes to overall healthiness. Health care costs are subsequently reduced. Parks and urban green spaces impact people's health by providing them with an inexpensive (often free) and convenient recreational service. There is a positive correlation between the presence of a park in a neighborhood and the level of physical activity of the residents; people are much more likely to exercise when there is a no-cost, aesthetically pleasing area or facility for them to use.

#### Accelerates Healing Process

The presence of plants in hospital recovery rooms and/or views of aesthetically-pleasing gardens help patients to heal faster, due to the soothing affects of ornamental horticulture. Shrubs, trees, and flowers have a practical application in hospitals: the presence of plants in patient recovery rooms greatly reduces the time necessary to heal. The soothing effects of ornamental flowers and plants are so great that simply having daily views of flowers and other ornamental plants in landscaped areas outside patient recovery room significantly speed up recovery time.



#### Improves Relationships/Compassion

Research shows that people who spend extended lengths of time around plants tend to have better relationships with others. This is due to measurable increases in feelings of compassion; another effect of exposure to ornamental plants.

#### Learning

Research shows that children who spend time around plants learn better. In addition, being around natural environments improves the ability of children with Attention Deficit Disorder to focus, concentrate, and engage more with their surrounding environment. Ornamental plants are conducive to generating a positive learning environment, reducing children's tendency towards distraction and helping them to be better able to concentrate on school work. Specifically for children with problems paying attention, adding plants to the classroom can have a dramatic positive effect on the way they learn.



#### Medicinal Properties

Cultivating plants is beneficial to humankind because of the many medicinal properties of trees and foliage plants. Cultivating plants helps humanity because it provides opportunities for additional scientific studies of the possible positive medicinal values of plants. Natural herbal remedies are simple and holistic methods for treating common illnesses and maladies.

#### Mental Health

Studies have proven that people who spend more time outside in nature have better mental health and a more positive outlook on life. People who spend more time outside in nature have a significantly more positive outlook on life than people who spend a great deal of time indoors. Communing with the natural world increases people's feelings of vitality and energy, and consequently has a large positive effect on their overall mental health.



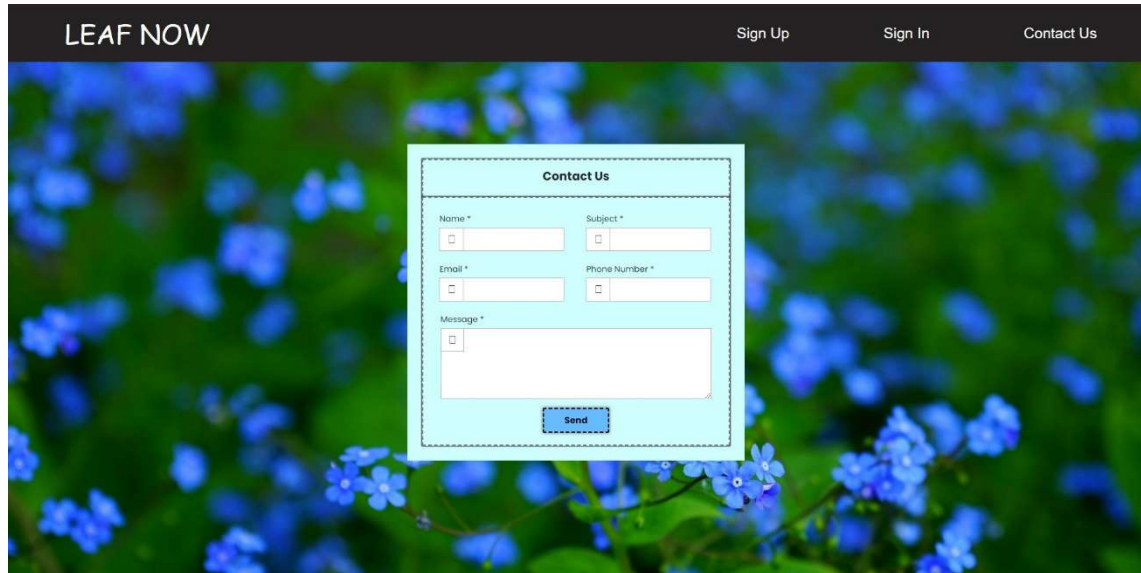
#### Reduce Stress

Studies show that people who spend time cultivating plants have less stress in their lives. Plants soothe human beings and provide a positive way for people to channel their stress into nurturing. Participation in gardening and landscaping activities is an effective way to reduce levels of stress. Studies have shown that people who nurture plants and garden have less mental distress than others. Gardening provides people with a positive way to channel their stress and frustration into something beautiful that provides them with comfort and joy.





## Contact Us Page:



The screenshot shows a web page for 'LEAF NOW' with a dark header. The header contains the text 'LEAF NOW' on the left and 'Sign Up', 'Sign In', and 'Contact Us' on the right. The main content area has a background image of blue flowers. In the center, there is a light blue 'Contact Us' form. The form has a title 'Contact Us' and four input fields: 'Name \*', 'Subject \*', 'Email \*', and 'Phone Number \*'. Each field has a small square icon to its left. Below these fields is a 'Message \*' field with a larger text area and a 'Send' button at the bottom right.



## **BIBLIOGRAPHY**

- <https://www.w3schools.com>
- <https://www.geeksforgeeks.org>
- <https://freefrontend.com>

## **About my TEAM**

Team Members include:

- Aishwarya R who handled the Donation page (HTML,CSS,PHP & SQL).
- Aviral Singh who handled the Home page (HTML,CSS,PHP & SQL).
- Prashanth Reddy C who handled the Sign In & Sign Up page (HTML,CSS,PHP & SQL).
- Rahul N C who handled the Contact Us page (HTML,CSS,PHP & SQL).

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