Application Development Laboratory -Ex - 1(II)

Name: Nandikaa G

Roll No. 21z325

B.E. CSE III YR

19z612 – ADL Ex. 1 – (ii)

Nandikaa Ganesh

Problem Statement:

The Agricultural Equipment Rental App facilitates the efficient and flexible leasing of farming tools. Users can browse a diverse inventory of equipment, explore rental rates, and submit inquiries. The app streamlines the rental process, promoting sustainable farming practices and enhancing accessibility to essential agricultural machinery.

Index.html:

```
<!DOCTYPE html>
<html Lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Agricultural Equipment Rental</title>
    <style>
        body {
            font-family: 'Inter regular', tahoma, Geneva, Verdana, sans-serif;
            margin: 0;
            padding: 0;
            background-color: #f4f4f4;
            color: #333;
        header {
            background-color: #4CAF50;
            color: white;
            padding: 20px;
            text-align: center;
        nav {
            background-color: #0c6b52d1;
            color: antiquewhite;
            padding: 10px;
            text-align: center;
        nav a {
            color: antiquewhite;
            text-decoration: none;
            margin: 0 15px;
        section {
            margin: 20px;
            padding: 20px;
            background-color: rgb(172, 255, 139);
            border-radius: 8px;
            box-shadow: 0 0 5px rgba(0, 0, 0, 0.5);
```

```
color: #4CAF50;
        ul {
            list-style-type: none;
            padding: 0;
        li {
            margin-bottom: 10px;
        footer {
            text-align: center;
            padding: 10px;
            background-color: #0c6b52d1;
            color: white;
        table {
            width: 100%;
            border-collapse: collapse;
            margin-top: 20px;
        th, td {
            border: 1px solid #ddd;
            padding: 10px;
            text-align: left;
        th {
            background-color: #4CAF50;
            color: white;
        th, td {
        border: 1px solid black;}
        h2{
            color: rgb(24, 80, 3);
      ul{
  list-style-type: circle;
      </style>
</head>
<body>
    <header>
```

```
<h1>Agricultural Equipment Rental</h1>
      Providing the tools you need for successful
farming.
   </header>
<hr>>
   <nav>
      <a href="#equipment"><h2>Equipment</a> <br> <hr><br>
      <a href="#techniques">Techniques</a> <br><hr><br>
      <a href="#contact">Contact</a> <br><hr><<h2>
   </nav>
   <hr>>
   <section id="equipment">
      <h2 style="color: rgb(24, 80, 3)">Available Equipment for Rent</h2>
      <dd>>
         Tractor - Model XYZ
          Harvester - Model ABC
          Plow - Model DEF
      </dd>
      <hr>>
      <h2>Equipment Details</h2>
      <d1>
          <dt><h3>Tractor</h3></dt>
          <dd>Agricultural vehicle used for various tasks.</dd>
         <dt><h3>Harvester</h3></dt>
         <dd>Machine for harvesting crops.</dd></dd>
         <dt><h3>Plough</h3></dt>
          <dd>Instrument for breaking and turning soil.</dd>
      </dl>
      <h2>Equipment Rental Rates</h2>
      <thead>
             Equipment
                1 Day
                1 Week
                1 Month
             </thead>
          Tractor
```

```
$100
                 $500
                 $2000
              Harvester
                 $150
                 $800
                 $3000
              Plow
                 $50
                 $300
                 $1200
          </section>
   <br><hr>
   <section id="techniques">
       <h2>New Techniques in Agriculture</h2>
       Stay informed about modern agricultural techniques and practices to enhance
your yield.
      <h3> 
          Precision Farming
          Vertical Farming
          Cli>Drones in Agriculture
       </h3>
   </section>
<hr>>
<section id="contact" style="margin-top: 20px;">
   <h2>Contact Us for Rental Inquiries</h2>
   <form action="/submit_inquiry" method="post">
       <label for="name" style="display: block; margin-bottom: 10px;">Your Name:</label>
       <input type="text" id="name" name="name" style="width: 100%; padding: 8px; box-</pre>
sizing: border-box;" required>
<br><br><br>>
      <label for="email" style="display: block; margin-bottom: 10px;">Your
Email:</label>
       <input type="email" id="email" name="email" style="width: 100%; padding: 8px; box-</pre>
sizing: border-box;" required>
       <label for="equipment" style="display: block; margin-bottom: 10px;">Equipment of
Interest:</label>
```

```
<select id="equipment" name="equipment" style="width: 100%; padding: 8px; box-</pre>
sizing: border-box;">
            <option value="tractor">Tractor</option>
            <option value="harvester">Harvester</option>
            <option value="plow">Plow</option>
        </select>
        <br><br><br>>
        <label for="message" style="display: block; margin-bottom: 10px;">Additional
Message:</label>
        <textarea id="message" name="message" rows="4" style="width: 100%; padding: 8px;
box-sizing: border-box;" required></textarea>
        <br><br><br>>
        <button type="submit" style="background-color: #4CAF50; color: white; padding:</pre>
10px 15px; border: none; border-radius: 4px; cursor: pointer;">Submit Inquiry</button>
    </form>
</section>
    <footer>
        Contact us at <a href="mailto:info@agrirental.com">info@agrirental.com</a>
        © 2023 Agriculture Equipment Rental
    </footer>
</body>
</html>
```

Explanation and Output:

- The '<!DOCTYPE html>' declaration specifies the HTML version being used (HTML5).
- The `<html>` element is the root element of the HTML document, and the `lang="en"` attribute indicates that the document is in English.
- `<meta charset="UTF-8">`: Sets the character set to UTF-8 for proper text encoding.
- `<meta name="viewport" content="width=device-width, initial-scale=1.0">`: Configures the viewport for responsive design.
- '<title>Agricultural Equipment Rental</title>': Sets the title of the webpage.
- '<style>': Contains internal CSS styles for the entire document, including styling for the body, header, navigation, sections, tables, and more.

<header> - contains the header of the website – usually the name and purpose of the web page

Agricultural Equipment Rental

Providing the tools you need for successful farming.

<hr> - creates a horizontal line</hr>

- <nav>: Navigation bar with links to different sections.
- <a>: Anchor tags are used for creating links.
- <h2>: Headings used for styling link items.

Techniques Contact

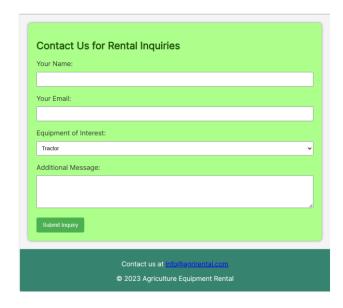
```
<dd>>
  Tractor - Model XYZ
  Harvester - Model ABC
  Plow - Model DEF
</dd>
<hr>>
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<d1>
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     </thead>
  Tractor
       $100
       $500
       $2000
     Harvester
       $150
       $800
       $3000
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       $50
       $300
       $1200
```

The above section contains – Table, Definition lists, Ordered and unordered lists.

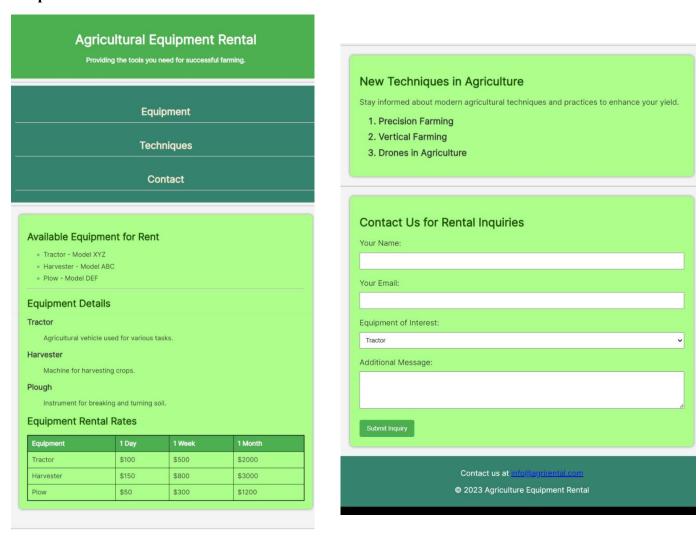


The final section contains the enquiry forms and a submit button designed.

The footer section contains the contact details of the owner of web page and copyrights details.



Output:



In summary, this HTML code represents a well-structured webpage for an agricultural equipment rental service. It includes sections for displaying available equipment, new agricultural techniques, and a contact form for inquiries. The styling is done using a combination of internal CSS rules to create a visually appealing and responsive layout.