

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);
    }

    h2 {
```

```

        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>

<!-- Document Tags -->
<header>

```

```

    <h1>Agricultural Equipment Rental</h1>
    <p style="font-weight: bold;">Providing the tools you need for successful
farming.</p>
  </header>
<hr>
<!-- Navigation Bar (Grouping Tags) -->
<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>

<!-- Equipment Section -->
<section id="equipment">
  <h2 style="color: rgb(24, 80, 3)">Available Equipment for Rent</h2>
  <!-- Unordered List (Text-Level Flow Tags) -->
  <ul><dd>
    <li>Tractor - Model XYZ</li>
    <li>Harvester - Model ABC</li>
    <li>Plow - Model DEF</li>
  </dd>
  <!-- Add more equipment items as needed -->
</ul>
<hr>
<!-- Definition List (Text-Level Flow Tags) -->
<h2>Equipment Details</h2>
<dl>
  <dt><h3>Tractor</h3></dt>
  <dd>Agricultural vehicle used for various tasks.</dd>
  <dt><h3>Harvester</h3></dt>
  <dd>Machine for harvesting crops.</dd>
  <dt><h3>Plough</h3></dt>
  <dd>Instrument for breaking and turning soil.</dd>
  <!-- Add more equipment details as needed -->
</dl>

<!-- Table (Table Tags) -->
<h2>Equipment Rental Rates</h2>
<table style="border: 2px solid black; font: size 50px;">
  <thead>
    <tr>
      <th>Equipment</th>
      <th>1 Day</th>
      <th>1 Week</th>
      <th>1 Month</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>Tractor</td>

```

```

        <td>$100</td>
        <td>$500</td>
        <td>$2000</td>
    </tr>
    <tr>
        <td>Harvester</td>
        <td>$150</td>
        <td>$800</td>
        <td>$3000</td>
    </tr>
    <tr>
        <td>Plow</td>
        <td>$50</td>
        <td>$300</td>
        <td>$1200</td>
    </tr>
    <!-- Add more equipment rows as needed -->
</tbody>
</table>
</section>
<br><hr>
<!-- Techniques Section -->
<section id="techniques">
    <h2>New Techniques in Agriculture</h2>
    <p>Stay informed about modern agricultural techniques and practices to enhance
your yield.</p>
    <h3> <ol>
        <li>Precision Farming</li>
        <li>Vertical Farming</li>
        <li>Drones in Agriculture</li>
        <!-- Add more techniques as needed -->
    </ol>
</h3>
</section>
<hr>
<!-- Contact Section -->
<!-- Contact Section -->
<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-
sizing: border-box;" required>
    <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-
sizing: border-box;" required>
    <br><br>
        <label for="equipment" style="display: block; margin-bottom: 10px;">Equipment of
Interest:</label>

```

```

        <select id="equipment" name="equipment" style="width: 100%; padding: 8px; box-
sizing: border-box;">
            <option value="tractor">Tractor</option>
            <option value="harvester">Harvester</option>
            <option value="plow">Plow</option>
        </select>
        <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>
        <button type="submit" style="background-color: #4CAF50; color: white; padding:
10px 15px; border: none; border-radius: 4px; cursor: pointer;">Submit Inquiry</button>

    </form>
</section>

<!-- Footer Section -->
<footer>
    <p>Contact us at <a href="mailto:info@agrirental.com">info@agrirental.com</a></p>
    <p>&copy; 2023 Agriculture Equipment Rental</p>
</footer>
</body>
</html>

```

Explanation and Output:

```

<!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>

```

- 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>
  <h1>Agricultural Equipment Rental</h1>
  <p style="font-weight: bold;">Providing the tools you need for successful
farming.</p>
</header>
```

<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>
<!-- Navigation Bar (Grouping Tags) -->
<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>
```

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

Equipment

Techniques

Contact

```
<section id="equipment">
  <h2 style="color: rgb(24, 80, 3)">Available Equipment for Rent</h2>
```

```

<!-- Unordered List (Text-Level Flow Tags) -->
<ul><dd>
    <li>Tractor - Model XYZ</li>
    <li>Harvester - Model ABC</li>
    <li>Plow - Model DEF</li>
</dd>
    <!-- Add more equipment items as needed -->
</ul>
<hr>
<!-- Definition List (Text-Level Flow Tags) -->
<h2>Equipment Details</h2>
<dl>
    <dt><h3>Tractor</h3></dt>
    <dd>Agricultural vehicle used for various tasks.</dd>
    <dt><h3>Harvester</h3></dt>
    <dd>Machine for harvesting crops.</dd>
    <dt><h3>Plough</h3></dt>
    <dd>Instrument for breaking and turning soil.</dd>
    <!-- Add more equipment details as needed -->
</dl>

<!-- Table (Table Tags) -->
<h2>Equipment Rental Rates</h2>
<table style="border: 2px solid black; font: size 50px;">
    <thead>
        <tr>
            <th>Equipment</th>
            <th>1 Day</th>
            <th>1 Week</th>
            <th>1 Month</th>
        </tr>
    </thead>
    <tbody>
        <tr>
            <td>Tractor</td>
            <td>$100</td>
            <td>$500</td>
            <td>$2000</td>
        </tr>
        <tr>
            <td>Harvester</td>
            <td>$150</td>
            <td>$800</td>
            <td>$3000</td>
        </tr>
        <tr>
            <td>Plow</td>
            <td>$50</td>
            <td>$300</td>
            <td>$1200</td>
        </tr>
    </tbody>
</table>

```



```

        <!-- Add more equipment rows as needed -->
    </tbody>
</table>
</section>

```

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

Available Equipment for Rent

- Tractor - Model XYZ
- Harvester - Model ABC
- Plow - Model DEF

Equipment Details

Tractor

Agricultural vehicle used for various tasks.

Harvester

Machine for harvesting crops.

Plough

Instrument for breaking and turning soil.

Equipment Rental Rates

Equipment	1 Day	1 Week	1 Month
Tractor	\$100	\$500	\$2000
Harvester	\$150	\$800	\$3000
Plow	\$50	\$300	\$1200

```

<footer>
    <p>Contact us at <a href="mailto:info@agrirental.com">info@agrirental.com</a></p>
    <p>&copy; 2023 Agriculture Equipment Rental</p>
</footer>
</body>
</html>

```

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.

Contact Us for Rental Inquiries

Your Name:

Your Email:

Equipment of Interest:

Additional Message:

Contact us at info@agirental.com

© 2023 Agriculture Equipment Rental

Output:

Agricultural Equipment Rental

Providing the tools you need for successful farming.

Equipment

Techniques

Contact

Available Equipment for Rent

- Tractor - Model XYZ
- Harvester - Model ABC
- Plow - Model DEF

Equipment Details

Tractor
Agricultural vehicle used for various tasks.

Harvester
Machine for harvesting crops.

Plough
Instrument for breaking and turning soil.

Equipment Rental Rates

Equipment	1 Day	1 Week	1 Month
Tractor	\$100	\$500	\$2000
Harvester	\$150	\$800	\$3000
Plow	\$50	\$300	\$1200

New Techniques in Agriculture

Stay informed about modern agricultural techniques and practices to enhance your yield.

- Precision Farming
- Vertical Farming
- Drones in Agriculture

Contact Us for Rental Inquiries

Your Name:

Your Email:

Equipment of Interest:

Tractor

Additional Message:

Submit Inquiry

Contact us at info@agirental.com

© 2023 Agriculture Equipment Rental

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.