

RedTable.vue

Component Name: RedTable.vue

Project Name: Tree Housing Publication

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1.Template Structure:

```
<table>
  <thead>
    <tr>
      <th class="category-col"></th> <!-- Empty column for category row merging -->
    >
      <th class="subject-col">Subject</th>
      <th class="questions-col">Total Questions</th>
      <th class="marks-col">Total Marks</th>
      <th class="duration-col">Duration</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td rowspan="2">Language (Qualifying)</td>
      <td>Part - 1 English</td>
      <td>25</td>
      <td>25</td>
```

```

        <td rowspan="2">2hr</td>
    </tr>
    <tr>
        <td>Part - 2 Hindi / Urdu / Bengali</td>
        <td>75</td>
        <td>75</td>
    </tr>
    <tr>
        <td rowspan="2">Subject And General Studies</td>
        <td>Part - 1 Concerned Subject</td>
        <td>80</td>
        <td>80</td>
        <td rowspan="2">2hr</td>
    </tr>
    <tr>
        <td>Part - 2 General Studies</td>
        <td>40</td>
        <td>40</td>
    </tr>
</tbody>
<tfoot>
    <tr>
        <td colspan="2"><strong>Total</strong></td>
        <td><strong>220</strong></td>
    </tr>

```

```

<td><strong>220</strong></td>
<td></td>
</tr>
</tfoot>
</table>

```

Explanation:

- **Table Container :**

- Wraps the table for styling and responsiveness.

- **Table Header :**

- Defines the column titles.

- **Table Body :**

- Contains exam details in a structured format.

- **Table Footer :**

- Displays the total number of questions and marks.

- Uses `rowspan="2"` to merge duration and category rows for better readability.

- Total row (`tfoot`) summarizes total questions and marks.

2. Script Section.

```

<script>

export default {

  data() {

```

```
    return { };  
  
  }  
  
};  
  
</script>
```

Explanation:

- **export default:**
 - This exports the component, making it reusable in other parts of the application.
- **data () Function:**
 - Returns an empty object ({ }) for now.
 - Can be used to store and manage dynamic data in the future.

3. Style Section

```
.table-container {  
  
  width: 90%;  
  
  max-width: 1200px;  
  
  height: 600px; /* Original height */  
  
  margin: 30px auto;  
  
  overflow-x: auto; /* Enable horizontal scrolling */  
  
}  
  
/* Table styling */  
  
table {
```

```
width: 100%;

border-collapse: collapse;

text-align: center;

background: white;

box-shadow: 0px 4px 10px rgba(0, 0, 0, 0.1);

border-radius: 8px;

table-layout: fixed;

height: 90%;  }

/* Column width adjustments */

.category-col {

width: 45%;

}

.subject-col {

width: 50%;

text-align: left;

}

.questions-col {

width: 20%;

}

.marks-col {

width: 20%;
```

```
}
```

```
.duration-col {
```

```
width: 15%; /* Reduced width */
```

```
}
```

```
/* Header styling */
```

```
th {
```

```
background-color: #f54254;
```

```
color: white;
```

```
padding: 18px;
```

```
font-size: 17px;
```

```
font-weight: bold;
```

```
}
```

```
/* Table cell styling */
```

```
td {
```

```
border: 1px solid #000;
```

```
padding: 14px;
```

```
font-size: 18px;
```

```
font-weight: bold;
```

```
height: 60px;
```

```
vertical-align: middle;
```

```
word-wrap: break-word; /* Allow text to break and wrap in the cell */
```

```
overflow-wrap: break-word; /* Ensure long words break */  
  
}  
  
/* Footer (Total row) */  
  
tfoot td {  
  
    font-weight: bold;  
  
    background-color: #fff;  
  
}
```

Explanation:

- **table-container:**

- Sets the width and maximum width of the container.
- Adds a fixed height to the container.

- **table:**

- Removes cell spacing and borders for a cleaner look.
- Centers the text within table cells.
- Adds a background color and box shadow for visual appeal.

- **Column Width Adjustments:**

- Adjusts the width of the `duration-col` to 15% for better visual balance.

- **Header Styling:**

- Styles the table header (`th`) with a background color, text color, padding, font size, and font weight.

- **Cell Styling:**

- Sets a fixed height for cells to ensure consistent row heights.
- Enables word wrapping for better readability.

- **Footer Styling:**

- Styles the footer row (if present) with a different background color.

4.Responsive Section:

```
@media (max-width: 768px) {  
  
  .table-container {  
  
    width: 93%; /* Full width for mobile */  
  
    height: auto; /* Allow height to adjust */  
  
    margin: 10px; /* Reduced margin */  
  
    overflow-x: auto; /* Allow horizontal scrolling if needed */  
  
  }  
  
  table {  
  
    font-size: 10px; /* Reduce font size for mobile */  
  
  }  
  
  th, td {  
  
    padding: 6px; /* Reduce padding */  
  
    font-size: 12px; /* Make font size smaller */  
  
  }  
}
```



```
.category-col,  
.subject-col,  
.questions-col,  
.marks-col,  
.duration-col {  
    width: auto; /* Allow columns to adjust */  
}  
.table-container table {  
    max-height: 350px; /* Reduce max height */  
}  
}
```

Explanation:

- **@media (max-width: 768px):**
 - This line defines a media query, which applies the following CSS rules only when the screen width is 768 pixels or less. This effectively targets smaller screens like tablets and mobile phones.