radar-gesamt-broschuere-f.html

👁 0

Introduction

This document will walk you through the implementation of the 📄 radar-gesamt-broschuere-f.html ✅ file.

The purpose of this file is to display a radar chart for individual projects, optimized for larger screens, with various functionalities such as loading data, handling URL parameters, and providing a help video.

We will cover:

1. How the code is structured and flows.
2. The rationale behind specific design decisions.
3. Key functionalities and their implementation.

Code flow

HTML structure and metadata

The HTML structure begins with the standard document type declaration and metadata, including character set, title, and links to stylesheets and favicon.

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```
1   <!DOCTYPE html>
2   <html lang="de">
3
4   <head>
5     <meta charset="UTF-8">
6     <title>Einzelprojekte</title>
7     <link rel="stylesheet" href="./css/style_radarboard.css">
8     <link rel="stylesheet" href="./css/style_megamenu.css">
9     <link rel="icon" href="./img/favicon.png">
10  </head>
```

Script inclusion for radar charts

Scripts for the radar charts are included via CDN for public access. This ensures that the latest versions of the libraries are used and reduces the need for local storage.

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```
12  <body>
13    <!-- Zugriff über CDN für public access -->
14    <script src="https://cdn.amcharts.com/lib/5/index.js"></script>
```

```
15    <script src="https://cdn.amcharts.com/lib/5/xy.js"></script>
16    <script src="https://cdn.amcharts.com/lib/5/radar.js"></script>
17    <script src="https://cdn.amcharts.com/lib/5/themes/Animated.js"></script>
18    <script src="https://cdn.amcharts.com/lib/5/themes/Responsive.js"></script>
```

Offline script inclusion (commented out)

There is a provision for offline access by including local scripts, which are currently commented out. This is useful for scenarios where internet access is not available.

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```
21    <!-- lokaler Zugriff für offline version -->
22    <!--   <script src="../../lib/dist/am/index.js"></script>
23    <script src="../../lib/dist/am/xy.js"></script>
24    <script src="../../lib/dist/am/radar.js"></script>
25    <script src="../../lib/dist/am/themes/Animated.js"></script>
26    <script src="../../lib/dist/am/themes/Responsive.js"></script> -->
```

Screen size warning

A warning message is displayed if the application is accessed on smaller screens. This ensures that users are aware that the application is optimized for larger screens.

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```
28    <div id="screenWarnung">
29      <h3>Diese Anwendung ist für größere Bildschirme (Desktop) optimiert.</h3>
30      <p>Maximieren oder Vergrößern Sie bitte Ihr Browserfenster
31        oder verschieben Sie falls möglich die Anwendung auf einen größeren Bildschirm.
32      <p> Sie können ggf. auch den Browser-Zoom verringern.
33        <br>(Drücken Sie dazu gleichzeitig „Strg" und „-" um den aktuellen Browserinhalt zu verkleinern.)
34      <h4>Diese Meldung wird dann automatisch ausgeblendet.</h4>
35    </div>
```

Legend and chart container

The legend and chart container are defined. The legend provides context for the radar chart, and the chart container is where the radar chart will be rendered.

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```
42    <!-- Legende -->
43    <div id="legende-grau-top">
44      <!--   <img id="legend-img" width="225" height="146" src="./img/legende_graustufen_einzelprojekt.sv
```

```
46      <img id="legend-img" width="152" height="152" src="./img/legende-einzelradarboard-lila.svg"
47         title="Der Farbcode zeigt die Ausprägung der Dimensionen in den Projekten des Förderprogrammes">
48   </div>
```

```
50   <div id="chartdiv"></div>
51
52   <script>var thema = "Fachlich"; //für Anpassungen in nachfolgenden Scripten bri fachliche Radarboards
53   <!-- konstanten und color definitionnen für alle radarboards -->
54   <script src="./daten/projektdaten_radarboard_constants.js"></script>
```

Data and constants inclusion

Scripts for constants and JSON data specific to the radar charts are included. This modular approach allows for easy updates and maintenance of the data.

```
56   <!-- json daten für fachliche radarboards -->
57   <script src="./daten/projektdaten_radarboard_f_json.js"></script>
58
59   <!-- json daten für alle radarboards -->
60   <script src="./daten/projektdaten_radarboard_texte_json.js"></script>
```

Radar chart script

The script for rendering the radar chart for individual projects is included. This script handles the visualization logic.

```
62   <!-- Einzelradarboard als chart -->
63   <script src="./js/script_radarboard_einzelprojekt_udim.js"></script>
```

URL parameter handling

`JavaScript` ✅ is used to read URL parameters and change the displayed project accordingly. This allows

for dynamic content based on user input.

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```
66  <script>
67
68    /* JavaScript für das Einlesen der URL-Parameter und das Ändern des ausgewählten Projektes */
69    const queryString = window.location.search;
70    const urlParams = new URLSearchParams(queryString);
71    nameProjekt = urlParams.get('p');
72    if (nameProjekt) {
73      changeProjekt(nameProjekt);
74    } else { changeProjekt("ALFA2") }
```

Help video

A help video is included to assist users. The video is initially hidden and can be displayed on demand. A close button is provided to hide the video again.

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```
76  </script>
77
78  <!---------------------------- div für help video ---------------------------->
79  <div id="helpvideo" style="display: none;">
80    <!--  <div id="helpvideo" style="display: inline-block;"> -->
81    <video style="border: 1px solid black;" width="908" height="550" controls muted
82      poster="./img/hilfe-standbild-v3.jpg">
83      <source src="./img/hilfe.mp4" type="video/mp4">
84      <p>Your browser doesn't support HTML5 video. Here is a <a href="./img/hilfe.mp4">link to the vid
85        instead.</p>
86    </video>
87    <button id="CloseButton" onclick="closeVideo()">x</button>
88    <script>
89      closeVideo = function () {
90        document.getElementById('helpvideo').style.display = 'none';
91        document.getElementById('CloseButton').style.display = 'none';
92      }
93    </script>
94  </div>
95  <!--------------------------Ende div für help video ---------------------------->
```

Menu for navigation

A navigation menu is provided for switching between different views of the radar charts. This enhances the user experience by providing easy access to different sections.

```
 96    </body>
 97
 98    <!--------------------------Div Menü-------------------------------------------->
 99    <div id="menu-radar" class="mega-menu blog">
100      <div class="content">
101        <div class="col" >
102          <a href="radar-gesamt-broschuere-f-ansicht-direkt.html" class="img-wrapper"><span class="img"
103            alt="Gesamtansicht Radarboards" /></span></a>
104         <br><h2>❶ Gesamtübersicht</h2>
105          <p>Schwerpunkte aller Projekte auf einen Blick.
106          </p>
107          <a href="radar-gesamt-broschuere-f-ansicht-direkt.html" class="read-more">Zur Ansicht wechsel
108        </div>
109        <div class="col">
110          <a href="radar-broschuere-f.html" class="img-wrapper"><span class="img"><img src="./img/einze
111               alt="Projektansicht Radarboards" /></span></a>
112               <br><h2>❷ Einzelprojekte</h2><p>Schwerpunkte dargestellt pro Einzelprojekt.<br></p>
113          <a href="radar-broschuere-f.html" class="read-more">Zur Ansicht wechseln...</a>
114        </div>
115        <div class="col">
```

Conclusion

The 📄 radar-gesamt-broschuere-f.html ✓ file is designed to display radar charts for individual projects with various functionalities such as data loading, URL parameter handling, and a help video. The code is structured to ensure modularity and ease of maintenance, with provisions for both online and offline access. The navigation menu and screen size warning enhance the user experience by providing easy access to different views and ensuring optimal display conditions.