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Test Project

Module D (Front-end)
Web Technologies

WSC2024_TP17

Submitted by:
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Introduction

Develop a mobile-optimized web application that allows users to view the Olympic medal standings of the **Paris 2024 Olympic Games**. The application should consume a **REST API** to obtain the information and allow data sorting by medal type, discipline, and country.

End Point

To facilitate your work, we provide an endpoint that will be launched with json-server.

This endpoint will be: http://localhost:3000/countries:

Install json-server: npm install -g json-server

Run in console: json-server --watch json/db.json

General Expectations on the App's Appearance

- Since users will be using the application on their mobile devices, you should create a mobile-optimized version of the application. We will not test your work on a desktop view. The main test environment is the iPhone 14 Pro.
- During development, you must closely follow the given design mockups. All content should be displayed full-screen with vertical scrolling if necessary.
- You can find all the app mockups in the "**media/layouts**" folder.
- As an aid, you can find the necessary images such as flags, disciplines, medals, icons, backgrounds, and logos in the "**media/images/**" folder.

Task Description

The application consists of seven (7) pages:

a. Welcome Page (2 options)
b. Countries Page (List of countries)
    1. Specific Country Page (Medal tally for that country)
    2. Medal Tally by Type Page (List of Disciplines with that medal type)
c. Disciplines Page (List of disciplines)
    1. Discipline with Countries Page (List of medals in that discipline by country)
    2. Discipline by Country Page (Detailed medal count by discipline for a specific country)

Welcome Page:

- Clicking on the countries button should navigate to the Countries Page.
- Clicking on the disciplines button should navigate to the Disciplines Page.

Countries Page:

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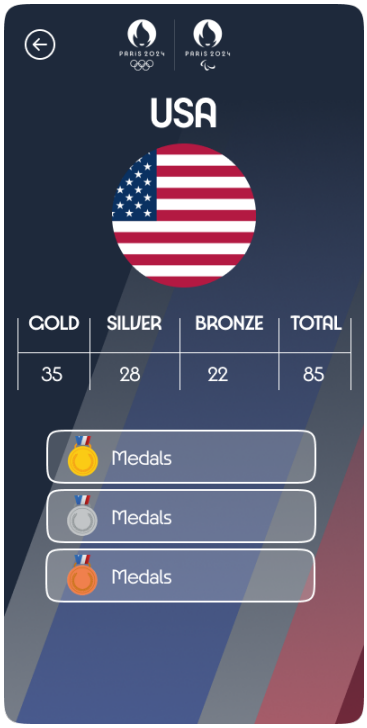
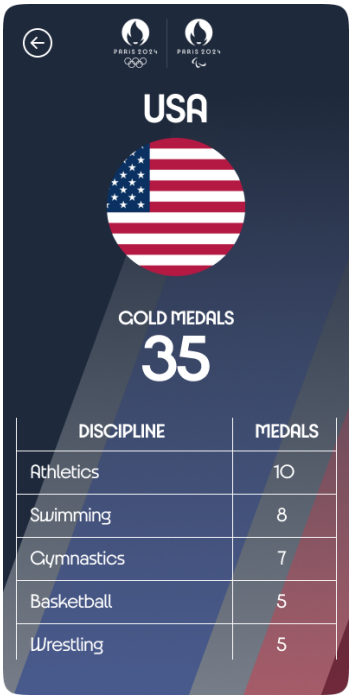
- The countries (flag and name) from the endpoint should be listed.
- Clicking on a country should navigate to the Specific Country Page.

Specific Country Page:



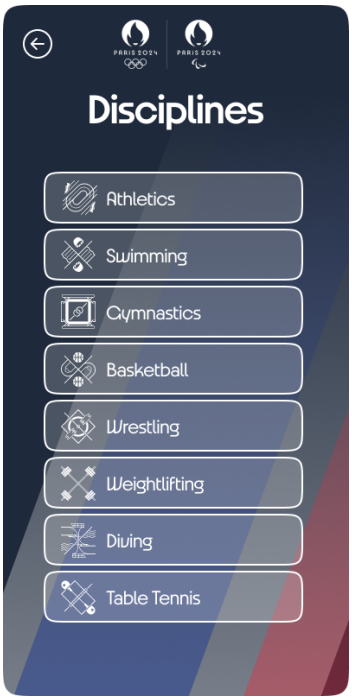
- The medal tally for that country (gold, silver, bronze, and the total of these) should be displayed.
- Clicking the top arrow returns to the Countries Page.
- Clicking on the gold, silver, or bronze medal button should navigate to the Medal Tally by Type Page.

Medal Tally by Type Page:



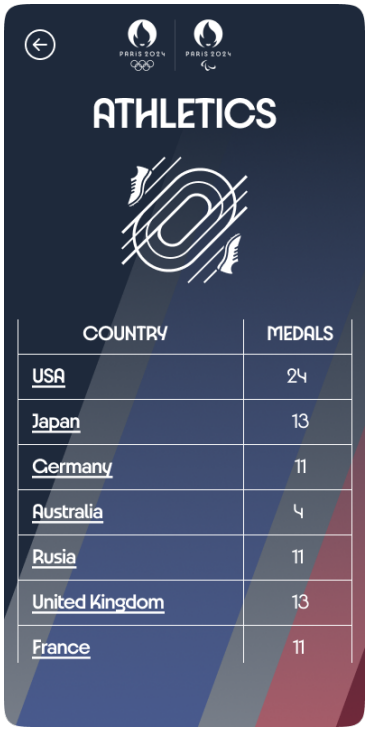
- All disciplines with their respective number of medals of that type and the total of these should be displayed.
- Clicking the top arrow returns to the Specific Country Page.

Disciplines Page:



- The disciplines (icon and name) from the endpoint should be listed.
- Clicking on a discipline should navigate to the Discipline with Countries Page.

Discipline with Countries Page:



- All countries that participated in that discipline and won medals should be displayed, showing the total medals obtained in that discipline by country.
- Clicking the top arrow returns to the Disciplines Page.
- Clicking on any of the countries should navigate to the Discipline by Country Page.

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Discipline by Country Page:

- The gold, silver, and bronze medals obtained by that country in that discipline should be displayed, with the total count.
- Clicking the top arrow returns to the Discipline with Countries Page.

Instructions for the Competitor:

Follow these instructions to submit your work:

1. Save and work in a directory in your desktop called **'moduleD-XYZ'**, where '**XYZ**' should be replaced with the name of your region.

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Marking Scheme

SECTION	CRITERIO	JUZGAMIENTO	MEDICIÓN	TOTAL
D1	Welcome Page	1	1	**2**
D2	Countries Page	1	2	**3**
D3	Specific Country Page	1	3	**4**
D4	Medall Tally by Type Page	1,5	2,5	**4**
D5	Disciplines Page	1	3	**4**
D6	Discipline with Countries Page	1	3,5	**4,5**
D7	Discipline by Country Page	1	2,5	**3,5**
		7,5	17,5	**25**

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