

Test Project

*Module D (Front-end)
Web Technologies*

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:

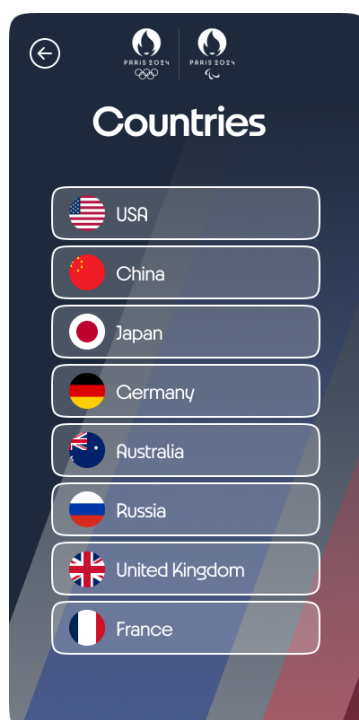
- a. Welcome Page (2 options)
- b. Countries Page (List of countries)
 1. Specific Country Page (Medal tally for that country)
 2. Medal Tally by Type Page (List of Disciplines with that medal type)
- c. Disciplines Page (List of disciplines)
 1. Discipline with Countries Page (List of medals in that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

Welcome Page:



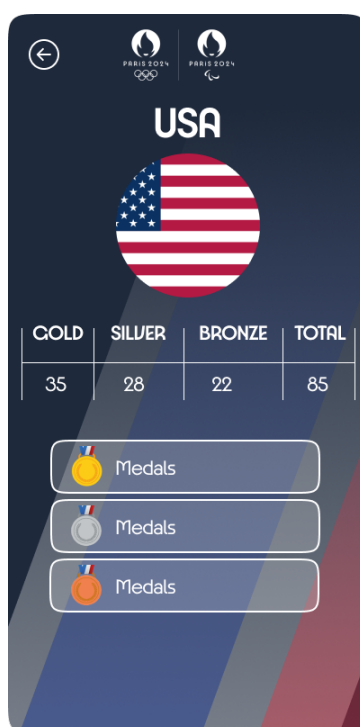
- Clicking on the countries button should navigate to the Countries Page.
- Clicking on the disciplines button should navigate to the Disciplines Page.

Countries Page:



- 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:



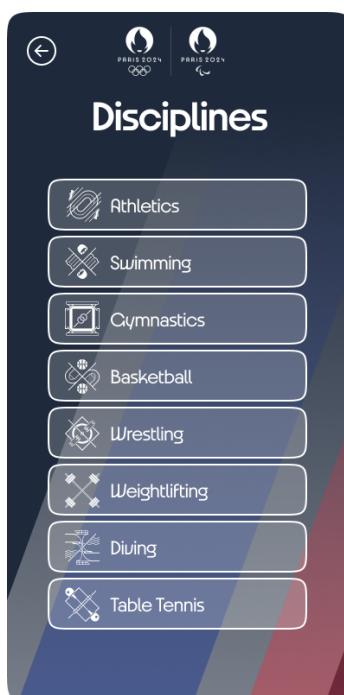
- The medal tally for that country (gold, silver, bronze, and the total of these) should be displayed.
- Clicking the top arrow returns to the Countries Page.
- Clicking on the gold, silver, or bronze medal button should navigate to the Medal Tally by Type Page.

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:

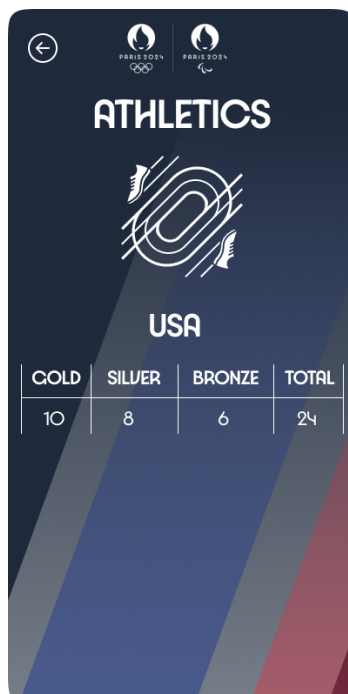


The mockup shows a mobile app interface for the 'ATHLETICS' discipline. At the top, there is a back arrow, the Paris 2024 Olympic logo, and the Paris 2024 WorldSkills logo. Below the title 'ATHLETICS' is a stylized icon of a running track. A table lists the top countries by medal count:

COUNTRY	MEDALS
USA	24
Japan	13
Germany	11
Australia	4
Russia	11
United Kingdom	13
France	11

- 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.

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.

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