Pau Casesnoves
Centre Integrat de Formació Professional

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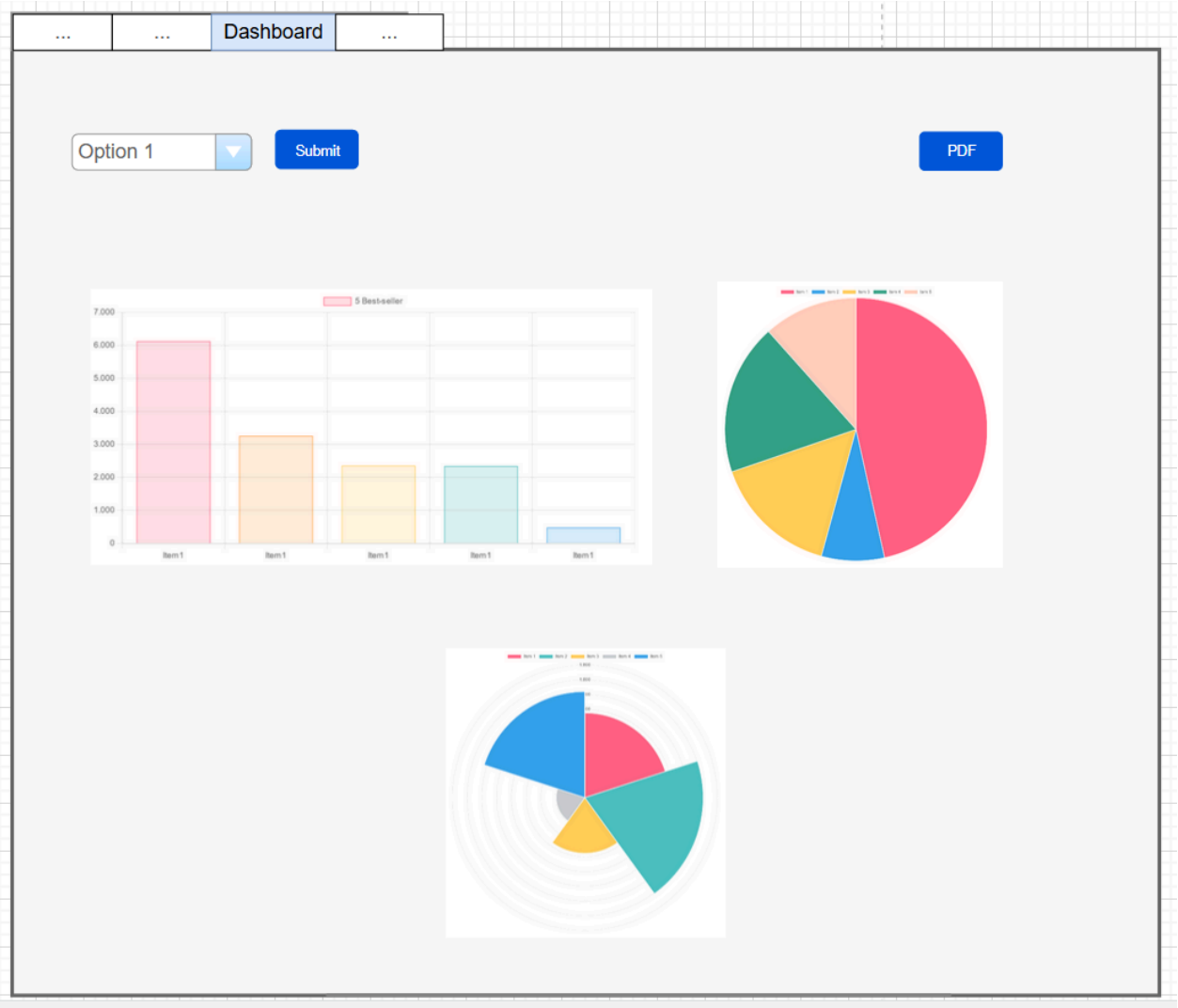
Reporting in Electron

Curs	23/24	**Grup**	**S2P**	**Data lliurament**	16/02 - 23:55
Mòdul	Interfaces Development				
Títol	Data reporting in Electron				

Tipus de treball	individual

Guidelines

In this activity you have to create single section application where the user can view a dashboard of the best and worst products listed in the database. The final design should be similar to this one:



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Follow this steps

1. Analyze the database and implement the queries needed to know:
    a. The 15 best-seller products in the database (with more quantity sold for a selected year)
    b. The 5 more valuable products (those who provide more earnings within the selected year)
    c. The 5 worst valuable products (those who provide less earnings, but has at least 1 unity sold)

2. Create a unique menu option to show the report page with the title "Sales reporting"

3. Add a form element with a selector to choose the year of the data that will be painted into the dashboard charts. It has to contain an option where all the database data is considered.

4. Use 3 different chart types to represent the information. Every chart must contain, at least, the name of the product and the value with its corresponding units (quantity or €).

5. Create a "PDF" button to export the report to a PDF file.

- **An order can be included in your queries when its status is "Shipped".**
- **The report page must show 2 charts in a row and 1 chart below and centered.**

Requirements

- All queries must be executed in the main process.
- Organize your code.
- Document the source code.
- Justify the delivered solution: all the steps from the data query to the data representation in chart format.

To deliver

- Your electron project
- A document explaining your solution

Qualification criteria

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