Task Description: Data Visualization via REST API and Front-End Integration

We have an Excel file containing economic data that needs to be made accessible via a REST API and visualized using a simple front-end application. Below is a breakdown of the task:

---

1. Backend (REST API)
You will need to create a RESTful API that will:

- **Read and process the Excel file**:
    - The Excel file is available at this URL: WEO Excel Data.
    - Extract relevant data from the Excel file (countries, years, subjects, and corresponding values).

- **Filter data based on API parameters**:
    - **Filters**:
        - **Country**: A selected country from a predefined list
        - **Subject Descriptor**: A subject from a predefined list

    - **Return a filtered list** of data in the following format:
      [
        { "year": 2010, "value": 12 },
        { "year": 2011, "value": 14 },
        { "year": 2012, "value": 15 }
      ]

- **Data Handling**:
    - Ensure that the backend filters the data correctly based on the provided parameters (country, and subject).
    - If no data is available for the specified filters, return an empty list.
    - Date range always be defined from 1980 --- 2023

2. Front-End (Single Page Application)
You will create a simple front-end application with the following functionality:

- **User Interface**:
    - **2 Dropdowns**:
        1. **Country**: A dropdown with 3-4 countries (any countries)
        2. **Subject Descriptor**: Dropdown with 3-4 predefined subjects (any of them)

- **Chart Display**:
    - Use **Highcharts** to visualize the data returned from the backend in a line chart format.
    - The chart should show the values (y-axis) over the years (x-axis).
    - The chart should update dynamically based on the selections made by the user in the dropdowns.

Tech Stack
- **Backend**:
    - .Net core 8
    - Libraries to handle Excel files (any library can be used).
- **Frontend**:
    - **Framework**: You may use any modern JavaScript framework you are comfortable with (e.g., React, Vue.js, Angular).
    - **Charting Library**: Highcharts

The solution to be provided on a publicly accesible repository hosting service (Github, bitbucket, etc)