

Steps for project setup:

The project is uploaded on GitHub and the repo can be cloned using the link below:

https://github.com/GawadNikita/countries_data_demo.git

Given below are the steps followed to create this project:

1. Install Angular CLI on the system. This can be done using following command:
`npm install @angular/cli`
2. Once the angular cli is installed, create a angular project using the following command:
`ng new countries`
3. One needs to create the required components or services. As this project is already done, one does not need to follow this step.

List of features implemented:

1. The home page shows list of all the countries. The data for this fetched using an API.
2. The home page also has a search input that allows the user to search through the list of countries displayed on the home page.
3. The second option on home page is the filter drop down. This allows the user to filter the list countries by region. When user selects any particular region, only countries from that selected region will be displayed.
4. The search input and filters option work together. If the country given is not present in the region selected in the filter dropdown, the details for that country will not be shown on the page.
5. When the user clicks on any country in redirects to another page that shows detailed information about the country.
6. The country detail page shows the border connected to that country. When user clicks on any of the border names it opens the details page for that country.
7. The Back button on the country details page redirects to the previously visited page.
8. The pages are mobile responsive.
9. The theme for the webpage can toggled between dark and light theme.
10. Have added CSS animation effect on hover for the back button and buttons showing border names.
- 11.