



NodeJS Machine Test

Backend

1. Create an Express App which listens on port 8080
2. Create a get API /countries which will provide list of countries [Only name and Id] available in the data file
3. Create a get API /country/{country-id} which will return information of that country based on country id.
4. Create a post API /country which will accept Country Object and save the details to the data file and the image to the /images directory.

Frontend

5. Create a UI
 - a. Which shows a dropdown of the current list of countries on load
 - b. Changing the value in the drop down should display the details of the current selected country. (Name, Image, Rank)
 - c. User should be able to add a new country Name [Validation - Min 3 chars and Max 20]
 - d. County Image - Only accept Jpg and Png and Max 4 MB
 - e. Continent should be selected from dropdown having unique values from the data file
 - f. Rank should accept only numeric values.
 - g. Once successful post, user should be able to see all the updated list of countries from data file without page refresh
 - h. For server side validation. Country Name and Rank must be unique. Highlight Error fields with Red Border after POST response if any.