

ReactJS & NodeJS Assignment - Country List Module

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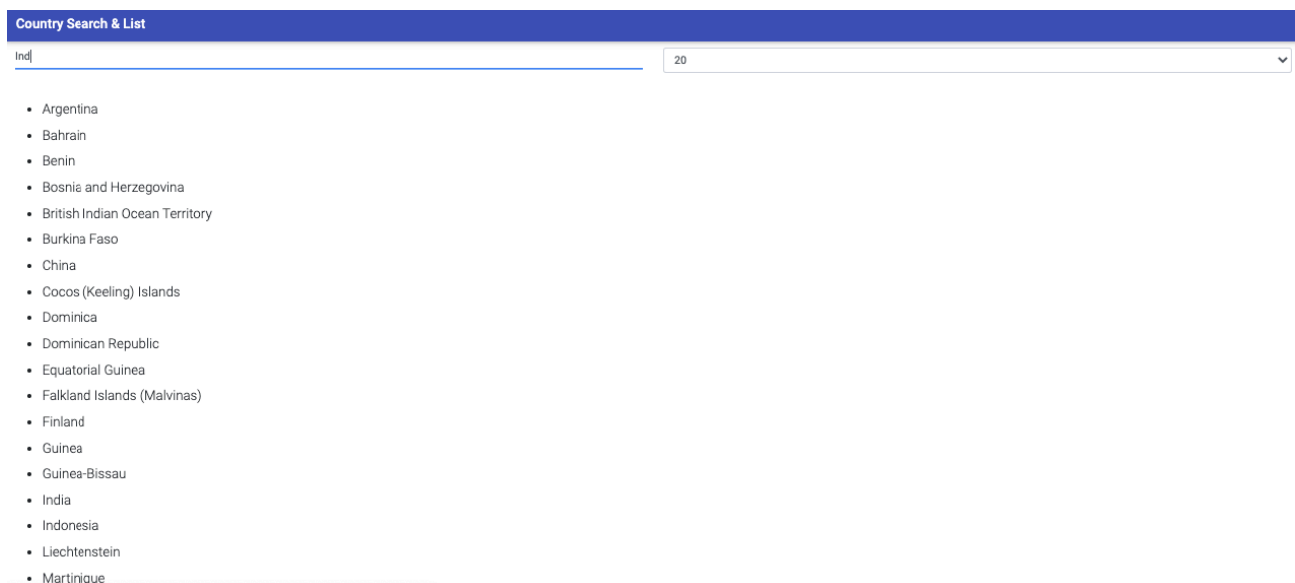
Objective

This document outlines the approach to get the country list using ReactJS & NodeJS.

Introduction

A SPA application has been developed using React JS and Node JS to display country list. The application has the following feature set

- Country can be searched from the search input box
- Limit of records can be set from the given dropdown
- User can browse through search results using pagination links displayed at the bottom of the screen



Country Search & List

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- Argentina
- Bahrain
- Benin
- Bosnia and Herzegovina
- British Indian Ocean Territory
- Burkina Faso
- China
- Cocos (Keeling) Islands
- Dominica
- Dominican Republic
- Equatorial Guinea
- Falkland Islands (Malvinas)
- Finland
- Guinea
- Guinea-Bissau
- India
- Indonesia
- Liechtenstein
- Martinique

Diagram - Application User Interface

Modules

1. Backend API

- Node JS is being used for backend API's
- JSON Data file is being used for country list data
- The authentication key used in headers

2. Frontend API

- React JS used for frontend
- Hooks and Functional components used
- Implemented Custom Pagination

- Search Country from the input box
- Dropdown for limit

Access Details

- Frontend Running on <http://3.87.165.124:99/> using PM2 in production mode
- Backend API <http://3.87.165.124:88/> using PM2 in production mode

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