ReactJS Assignment

Front-End Developer
MageHost

Overview

You need to clone this website home page Algolia Hacker News Search using ReactJS that would be backed by a user login panel. (Api Endpoint : https://hn.algolia.com/api)
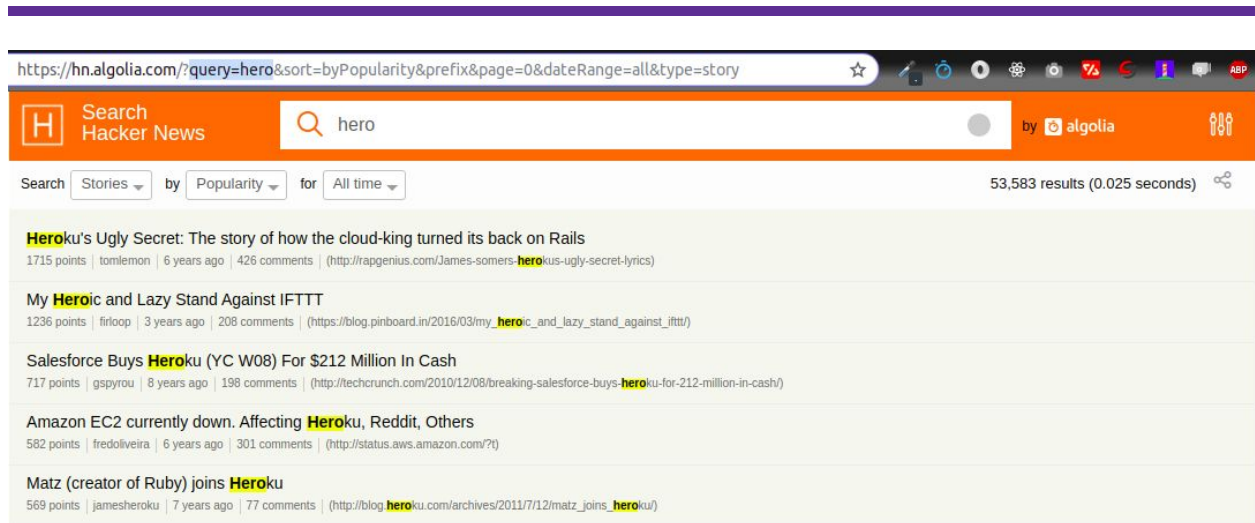
Goals

1. You need to clone the entire UI of the front page that includes listing of data, filters,search bar and number of results.You can skip the setting and sharing button.

2. You need to make a login page in front of your application that will take username and password of the user. After clicking login button, the user will be directed to the main dashboard of your app and that username will be shown on upper left corner of app in place of "Search Hacker News"

3. Make the list item clickable and redirect it to the respective url just like the website is doing.

4. Provide pagination options at the end of table.

5. Deploy your application on a cloud platform like Heroku. Refer - Deployment Article

Objectives

1. Your code MUST be deployed on a cloud platform (like Heroku) even if you are not able to complete all tasks. Without this, the assignment will stand rejected.
2. Filters and Search Bar should be working as expected just like in Algolia Website
3. Pagination should fetch new data based on queries. You should not fetch entire data and then render it in table
4. Login UI should be properly implemented
5. Maintain search history of the texts searched by the current user and time of search
6. Search on the basis of urls of the page should be implemented

   Eg: If you write parameter "query=hero" in the url, then the respective search of text "hero" will appear, and if you search "hero" from search box, the url will get updated respectively

   Find the reference of the screenshot given below :

Recommendations

1. Use Some state management library like redux
2. Use React-router for routing
3. Use Some css library like react-bootstrap or material-ui
4. Save the user details in local storage of the browser