

Exercise on React - Stackoverflow clone

Create Mockup of Stackoverflow website

You need to create a mockup of StackOverflow website using StackExchange APIS. You will find mockups for demo in attached images.

You can find StackExchange Apis at below link:

<https://api.stackexchange.com/docs>

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Exercise part-1

You have to create a login page which asks user to enter email id and password.

Here, email and password both field are required.

Below Validations should applied for

Email field - required, email pattern validation

Password field - required, min-length of password must be 6 characters.

Use Formik for form state managements

You have to use any open-source library available for the validation. e.g.Yup for react js with formik.

You don't need to do actual authentication(Don't need to call API here).

After clicking on the login button, you have to redirect users to Question page(Refer to **Exercise part-2**).

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Exercise part-2

You have to create a page (**Question Page**) which lists all the featured questions.

You can use this link to get more reference for design <https://stackoverflow.com/?tab=featured>.

To get all the data for the featured questions you need to use APIs which listed on below URL:

- <https://api.stackexchange.com/docs/featured-questions>.

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Exercise part-3

When user clicks on user's name on **Question Page** you need to redirect user to **user-profile page**.

You have to create a page(**User-profile page**) which shows user profile details.

You can use this link to get more reference for design

<https://stackoverflow.com/users/601299/leonardchallis>.

To get all the data which you need on this page you need to use APIs which listed on below URL:

- <https://api.stackexchange.com/docs/users-by-ids>
- <https://api.stackexchange.com/docs/tags-on-users>
- <https://api.stackexchange.com/docs/questions-on-users>

Top Questions [Featured]

10 1 249 +10 Question title
Votes answer views tag tag tag

modified date [owner name] lin

5 10 20 +20 Question title
votes answer views.

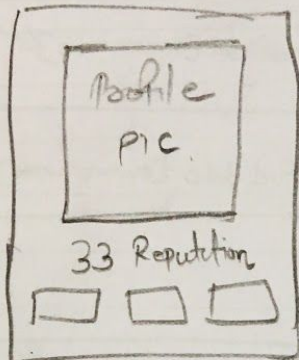
modified date [owner name]

"

"

Question Page

User Profile



- Name of user
- location of user
- website URI (link)

Top Tags

Python

Score 3329

Javascript

Score 530

Top Question

10	20	20	Question title	
Votes	answers	Views	<div>tag tag tag</div>	modified at 22 oct at 1:30

" " "

same As Question Page

User Profile Page