

Frontend Engineer – Technical Question

As a part of our initial screening process, please code and submit as specified below:

A. Problem Statement

1. Create pages, matching the high-fidelity wireframe on Figma [Check Here](#)
2. Fetch/Download the “**Schema.json**” JSON located at [here](#).
3. Generate the map channels form by using “**channels**” key - values in **schema.json** and for additional settings use data inside “**optionals**” key values. For select element options (**Primary and Ref Channels**) use any 10-12 any random strings values which can be selected there.
4. **Add backup channels** button will open a collapsible dropdown and will have the same Primary and Ref channel select element. Repeat the same process like above here as well.
5. In Preview page if someone clicks on **Edit Channels** then go back to step two which is channel config/Map Channels page.
6. Make sure that you use **Global State Context / Redux** to manage the data/state globally and save channels configurations to local storage in real time. So that if the user close the browser and comes back you have to load those settings again.
7. After preview and third step completion, show the save page and disable the edit buttons there and show notification as per **figma design**.
8. Responsiveness of the pages would be a plus point.

B. Design Constraints

1. Please use the React JS framework
2. Please use Material UI framework.
3. Use the Figma wireframe as design reference.

C. Evaluation Criteria

1. Pixel-perfect, responsive implementation of the mock-ups.
2. Semantic use of HTML, CSS, and JS
3. Performance on Lighthouse tests
4. Quality and readability of the code

D. Submission Requirements

1. Email the zip file of the code along with the instructions to run the project in the readme.md file to navdeep@neurobit.com and harshita@neurobit.com with the subject: *<name> Frontend Engineer Submission*.
2. Please submit this assignment within 5 days of receiving. The earlier you submit and the more point you'll get.
3. Do not share your solution publicly or put it in a public repo.
4. You must deploy the web app on Heroku, Netlify, GCP, AWS etc. and share the link.
5. If you have any doubts or questions, you can make necessary assumptions and present it in the readme.md file.