Redmenta Programming Practice Project

Frontend only

The aim of this project is to give an overview of your current development skills and seniority level.

The Project is **a basic simple choice worksheet with 3 example tasks**.

Please create **a GitHub repository** and invite my account (merobal) to the repo. Finally, deploy the finished project as described at the end of this PDF.

Frontend

Implement a nice UI for this Project. Use **react / TypeScript** and **Tailwind CSS** (latest version of each).

https://tailwindcss.com/docs/guides/create-react-app

Please focus on clean code and re-usable react components.

Implement the header line (menu bar). Feel free to re-use the Tailwind classes from Redmenta HTML source code to speed up your work. No menu items are needed. Our primary color is: **#FF5316** Use this link for the logo: https://cdn.redmenta.org/hotlink-ok/redmenta-logo.png

GET worksheet tasks

Define the data structure as static JSON in a json file, then GET data from that file via *fetch* or *axios*. To reach the json file, put in the public folder (NOT to the src).

To verify, open the json in the browser, e.g. http://localhost:3000/tasks.json But please note, NOT to hardcode the localhost:3000 in the fetch url. This should work if you put only "tasks.json", e.g.:

```
fetch('tasks.json')
  .then(response => response.json())
  .then(data => console.log(data));
```

Display the tasks on the UI. Please don't copy the design of Redmenta for this section, please design something on your own. *The design is not rated, feel free to implement a simple box, display the instruction and use some kind of rounded design for the options. But please mind the spacings.*

Hover and selected states should be displayed for the user.

POST worksheet task answer

As we don't have working backend for now, store the selected answers in the localstorage. When the user reloads the screen, the answers should be loaded back and displayed.

Evaluate the answers

When the user clicks on the "evaluate" button, display the results (correct and wrong answers).

Examples: Checkmark / X next to the option, separated box below the options, different background colors, etc. Animations are welcome.

Deployment

Push the code to GitHub and **deploy the project to Netlify.** Please write the Netlify url to the readme.md file, then push to the repo. Don't forget to invite my GitHub account (merobal) to the repo.