EPIGNOSIS

Frontend/RN Developer assignment

Purpose-Disclaimer

The objective of this assignment is to gauge your technical skills, as well as to provide us with some talking points for your technical interview. Note that the scope of the assignment is purely fictional. It is in no capacity related to any part of our products and/ or business nor will it ever be used commercially or otherwise in any form.

Description

Please look at the mockups provided in the mock-ups directory. This is a very simple Admin Panel to manage users. You can use the provided **mocked REST API** to interact with API (more details below).

The admin panel consists of 2 horizontal panels. At the left panel you have a list of users. Each list item contains a photo along with their name and their email (if we have this data). At the right panel you have a form to edit the data of a selected user.

General guidelines

You can use any tool, library or framework you want (even vanilla JavaScript) to complete the assignment. But please don't forget to attach the instructions on how to run the project - ideally on a README file (for example node version to use, port the app is running, any other scripts to run, etc.).

REST API

The REST API doesn't require any authorization, so you can easily perform and test the below CRUD operations. Please keep in mind that you cannot mutate or edit anything from the "users" resource, so don't expect persistence while interacting with it. Nevertheless, we expect

from your assignment project to correctly perform all the appropriate requests, with the correct HTTP methods and data.

You can leave the HTTP errors unhandled (or just console log them), but you must correctly handle any loading states. Below you can read more details regarding the requests that you need to perform:

API Documentation

- **Mocked REST API**
- **README**

Get all users
METHOD: **GET**

Endpoint: **https://my-json-server.typicode.com/tsevdos/epignosis-users/users**

Get single user
METHOD: **GET**

Endpoint: **https://my-json-server.typicode.com/tsevdos/epignosis-users/users/:id**
example:

https://my-json-server.typicode.com/tsevdos/epignosis-users/users/5c093af1c6ee9117a581c7d6

Update user
METHOD: **PUT**

Endpoint: **https://my-json-server.typicode.com/tsevdos/epignosis-users/users/:id**
example:

https://my-json-server.typicode.com/tsevdos/epignosis-users/users/5c093af1c6ee9117a581c7d6

DATA: **{ "name": "John Doe", "company": "epignosis", "email": "email@test.com", ... }**
Note: Put all the fields or only the changed ones. In either case do not include the "id" field.

User Stories / Requirements

To complete the assignment, you must successfully complete the below user stories:

1. Load all the users at the left panel. You can leave the left panel either empty or display a message such as "Select a user to edit".

2. When you click on a user (left panel):
   - The right panel should display the corresponding user's data within a form.

3. When you edit a user's data:
   - The Save button should be enabled
   - The Cancel button should appear

4. When you click Save:
   - Make an HTTP PUT request with the new user data to the appropriate endpoint
   - Cancel button should disappear
   - Save button should be disabled

5. When you click Cancel:
   - The form fields should reset to its previous saved data (state)
   - Cancel button should disappear
   - Save button should be disabled

Take a look at the mockups for more visual details.

Extras

- UI / UX considerations (such as loading states, field validation errors, etc.)
- Add client-side validations
  - Name (required)
  - Email (email)
  - Phone (required)
  - Address (none)

- ○ Company (none)
- Test your code
- Make the entire app accessible
- Make the entire application more performant (for example add caching, minimize HTTP requests, etc.).

CSS Specifications

1. The app should be mobile first
2. Media query breakpoints: Desktop: >=768px
3. Color codes:
   - Body background color (desktop): whitesmoke;
   - User selected background color: #1b68b3
   - User hover background color: #e8e8e8;
   - Input border color: #ececec;
   - Label color: grey
   - Cancel button background color: #f7f7f7;
   - Save button background color: #1b68b3

Good luck!