**Project assignment using Next + React + Typescript + Redux Toolkit.**

*With in the same folder, you can find USER\_DETAILS.json file & Assignment.docx file. If you find any file missing, please reach out to concern person immediately.*

***Time frame to complete the project*: 24hrs – 48hrs.**

Project setup to follow:

* Create a project with Next (12/13+ version) + Typescript.
* Add MUI library (Refer the link to set up MUI in the project https://mui.com/material-ui/getting-started/installation).
* Use Styled components for CSS.
* Use MUI for UI components.

Assignment:

* In *USER\_DETAILS.json* file you can find list of 30 user details. You need to read the JSON data using Fetch / axios as an API in Next JS project.
* In landing page, using a getServerSideProps to call a *USER\_DETAILS.json* API and store the data in Redux then, read the JSON data from redux in other react components.
* Using the data design, a table with below format using MUI library:

|  |
| --- |
| Name: Concat firstName, lastName & maiden Name from JSON |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Age** | **Gender** | **Phone** | **DOB** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

* Name column should be link.
* On clicking on Name column, you need to re-direct to user details page which it should be in SSG page.
* Display the user details in the below format:

A screenshot of a computer

Description automatically generated with medium confidence

NOTE:

* *Mainly we will look for best practices you will take to design a project using Next JS + Redux.*
* *How you will be using Typescript.*
* *Give your best to design the pages using Styled Components.*
* *All these two pages should be responsive from “XL” screens to “XS” screens. (For table if the resolution is lower than laptop screens make Name column as Sticky and rest of the columns should be scrollable).*

***Hint: You can use Table, Typography, Accordion components from MUI. You are free to use other components as well which ever you feel it’s a right approach.***

***Once after completing the project, zip the code and share it in the email (Don’t include node\_module folder).***