UND Assessment

Project version: 1.0.0 Project Name: undpro

Project dependencies, application/framework installment and versions:

Install **Node.js** Install **NPM** Instal **VScode**

React version cli: npm view react version

react version: 19.0.0

npm version cli: npm --version

npm version: 10.8.2

(If react has some dependencies issues than you need to install the dependencies based on it)

Material UI link: https://mui.com/material-ui/getting-started/installation/

Material UI version: v6.2.0

Steps Before Testing:

1. Download the zip-files or folder from the shared projects on email

- 2. Open it up in the folder in VScode
- 3. Step 1 (only if necessary)

Installing any material UI: https://mui.com/material-ui/getting-started/installation/

```
npm install @mui/material @emotion/react @emotion/styled
npm install @mui/icons-material
npm install react-lazy-load-image-component
npm install --save-dev @babel/core @babel/cli @babel/preset-env
npm install moment-timezone
```

*Note: Add other dependencies if any other issue arises i.e. babel, islint etc need to be aware about the different version and its compatibility

4. App.js is the rootfile

in command line use npm start

Runs the app in the development mode.

Open http://localhost:3000 to view it in your browser.

CheckList of Requirement:

- This section should prominently feature the message from the President endorsing the social media campaign.
- Include an image of the President sourced from the President's website.
- The content for this section is provided at the end of this document in Appendix B.

Post List Section

- Create a section that displays the posts from the last nine days using the data source API documented in Appendix A.
- Any dates displayed in the UI should use the time zone of the user.
- Implement client-side filtering of the posts using text input to search the posts' content.

Additional Requirements

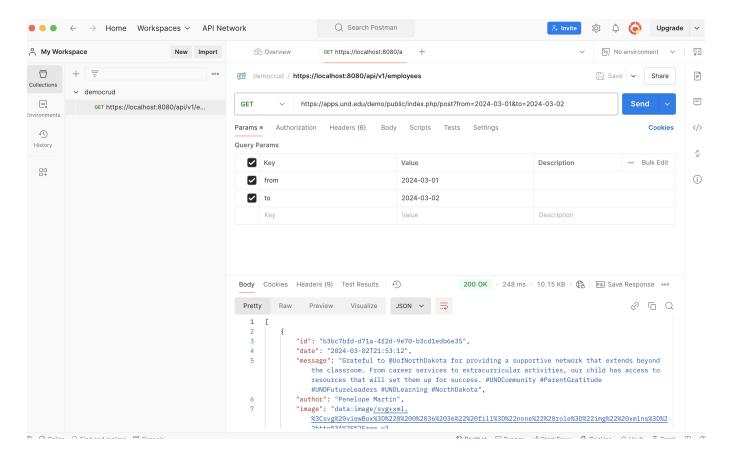
- Responsive design
- Site must include the <u>UND logo</u>.
- Consult the <u>UND branding</u> page for guidance.
- Construct a header and footer for the page with the five navigation elements provided in Appendix B.

Feature Added from my end:

- Lazy Loading of President Picture for optimization
- Time Conversion
- Yellow color highlights when any matching value is found
- Sorting the search result based on the date
- encodeURIComponent for

Testing

- Unit Testing for functions
- Postman for API Test:



Data value from fetch request:

