Glide|Invest

Jr Frontend Developer NAV Calculator Assignment

Task Definition: You are requested to create a react js application as described below.

Functional Requirements
- Download latest nav file from Amfi and load the same to redux store. eg url https://www.amfiindia.com/spages/NAVAll.txt?t=18022020035513
- Create a Calculator with the following fields - Amount and Units
- Calculator will have a switch when checked Amount field becomes enabled and Units field becomes disabled and vice versa
- Find Nav for Motilal Oswal Liquid Fund - Direct Growth from the store (Nav is the last second value in a row)
- On entering the amount, the Units field value is updated, and if units are entered, amount value is calculated. Reference formula (units = Amount / NAV)
- Use MUI, Ant Design or Semantic UI for creating the UI, the web page needs to be responsive to all screen sizes
- The page should have meta tag in headers with meta name as keyword and value as Units Calculator

BONUS for Senior Frontend Developers:
- Create a drop down with values of Mutual fund Name in the file above eg Motilal Oswal Mutual Fund, Axis Mutual Fund, etc
- Create another field which gets populated once a value is selected in the previous field with values of the scheme name of the mutual fund eg Motilal Oswal Liquid Fund - Direct Growth, Motilal Oswal Liquid Fund - Regular Growth
- Calculate the Amount / units based on the NAV of the scheme name selected in the drop down above

Technical Requirements
- You must use Git as you write the app.
- You are encouraged to use any third party libraries you like.
- You will be evaluated on app architecture, patterns and quality of code.

Submission Instructions
- Call your project "Liquid MF Calculator" and upload to Github.
- **DO NOT** mention the company name anywhere in the project or in your repository
- **DO NOT** make your repo publicly available. Upload to a **private** Github repo.
- **DO NOT** email your code. You must upload your code into Github.
- **Add instructions** in the Readme.md file on (1) what the app is about, (2) any assumptions you made while planning and developing your solution, and (3) how a junior tester should pull, build, deploy and test the app on their laptop.