

Machine Task: Building a Dashboard

Front-end (React):

Develop a React dashboard with the following components:

- A table component that has some random default values set and the quantity value can be edited by clicking edit button.
- A pie chart component that fetches and visualizes data from the table component (Month and Quantity).
- A graph component that fetches and displays data from the table (Month and Quantity).

Utilize the provided UI design and assets for the dashboard.

Improvisations are accepted.

Back-end (Node js):

Develop a Node js server as back-end for above dashboard for achieving the above requirements:

- Create a Node js server with clean code .
- Include api docs in readme.
- Use MongoDB as Database.

Provided Files:

Dashboard UI and Assets has been provided in the Repository.

Instructions:

Fork this repository: <https://github.com/ArabIndustriesInc/MERN-task.git>

Create backend code for API endpoints.

Create the React frontend with the specified components.

Keep **Server** and **Client** code separate in repository.

Use the provided UI design and assets to implement the dashboard.

Commit your code regularly and provide clear commit messages.

Include a README file with instructions on how to run your application.

Use any additional libraries or frameworks as you see fit.

The developed UI should align with the design provided.

The completed task should demonstrate effective communication between the frontend and backend, as well as a visually appealing and responsive UI.

Submission:

Share the link to your GitHub repository (Add a browser screenshot of your developed dashboard in the root of the repository).

Note: Feel free to include any additional features or improvements that you believe would showcase your skills.