# [Front-End Developer] Technical Test

Frontend Technical Test — React Data Table

## Build a lightweight table editor that supports:

- Lazy loading (infinite scroll) from a public JSON endpoint
- Correctness & stability of core features

#### **Data Source**

Use this public dataset:

GET <a href="https://microsoftedge.github.io/Demos/json-dummy-data/5MB.json">https://microsoftedge.github.io/Demos/json-dummy-data/5MB.json</a>

Assume/derive a unique id per row.

State/Created date doesn't exist in dummy data, you can use any string or fixed value for their

### Requirements

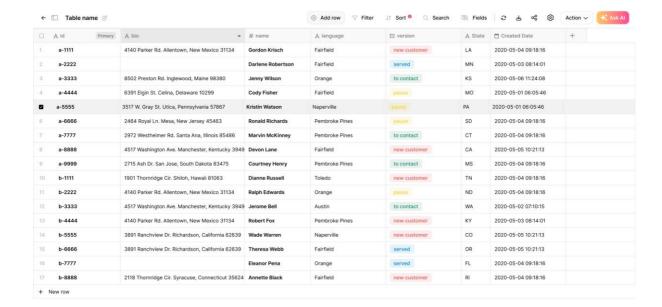
- Lazy load / infinite scroll
- Render an initial slice; append more rows as the user scrolls.

### **Tech (pre-suggestion, not mandatory)**

- React 18+ (TypeScript preferred).
- You may use any libraries you like. Examples:
- UI: shaden/ui, Radix UI, MUI, Antd or your own components.
- State/data: Redux Toolkit (+ RTK Query) or Zustand/SWR/React Query, anything that you want to use.
- Forms/validation.

#### **Deliverables**

- A Git repo with:
- Source code
- README with setup/run instructions and a short note on decisions/trade-offs
- demo link(optional).



| Sheet 1 v | Sheet 2 v | +