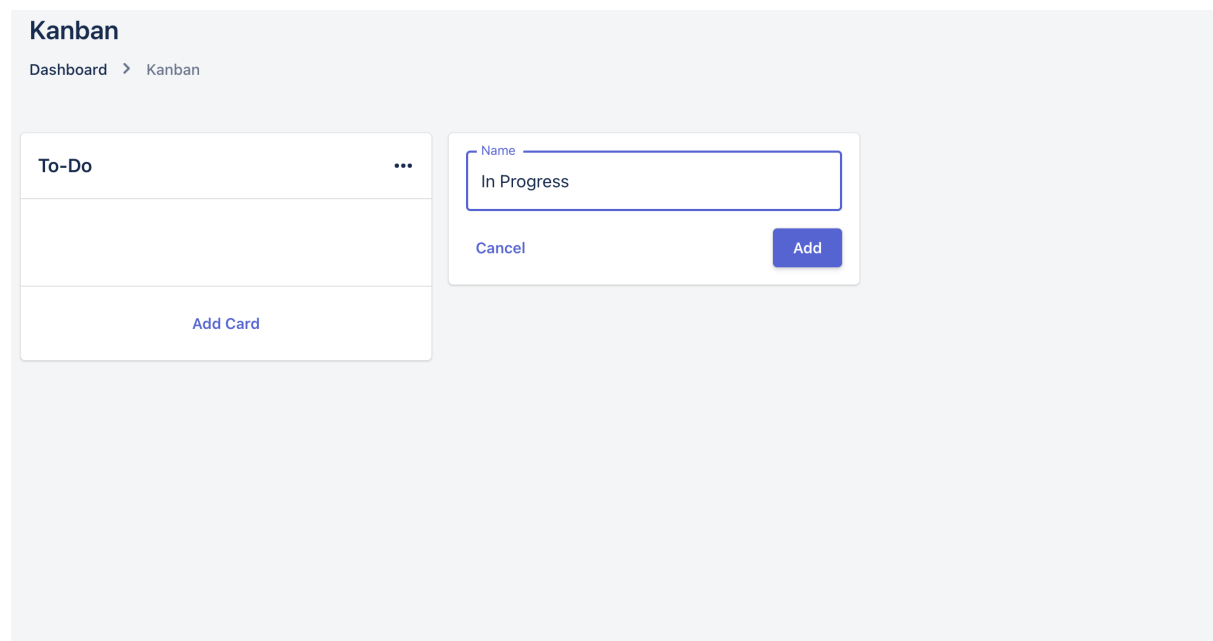
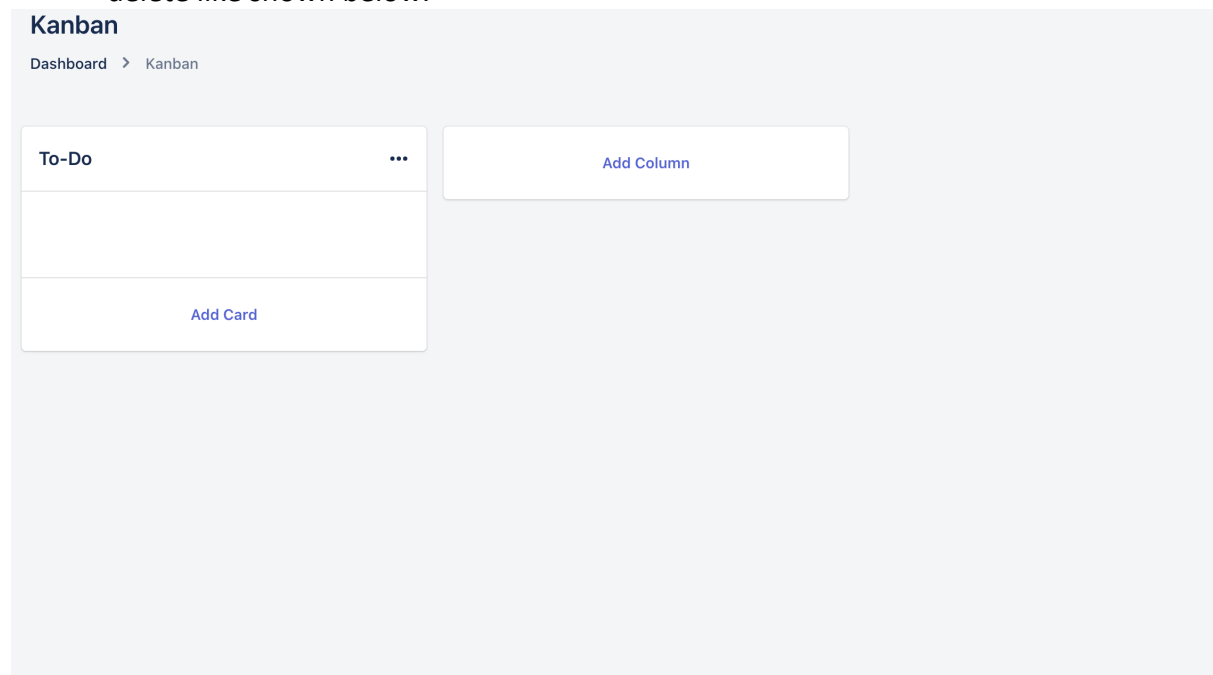
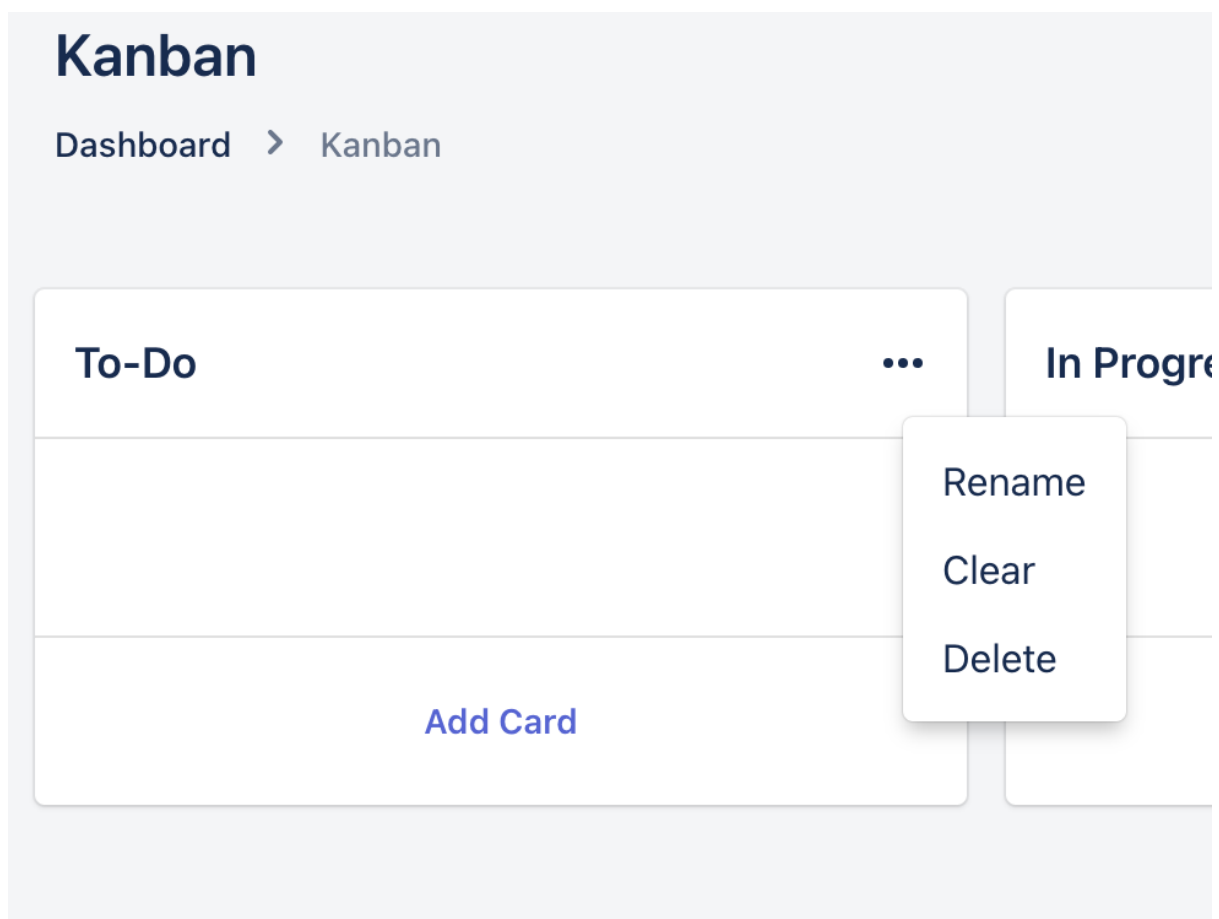
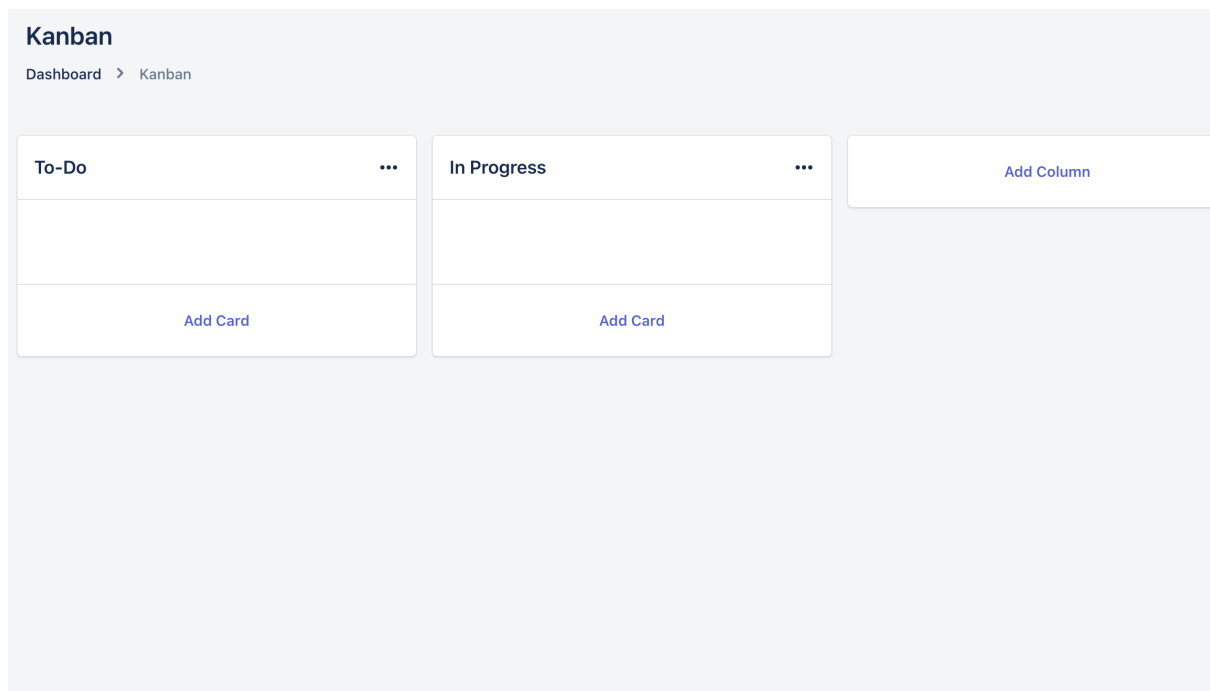


## React Interview Test.

A Kanban board is an agile project management tool that helps visualize work been done. It can help an agile team establish order in their daily work. It uses cards, columns to visualize work been done in an agile team. Using next js, apollo client, apollo server and material UI, please create a Kanban web application using the below user requirements: As much as you will be using a state management library for saving data in memory, have the data also saved in a JSON file on your apollo server repository.

1. Ability to create columns in card design format, assign them names, rename and delete like shown below.





2. Ability to create tasks within the columns like the below: A user should be able to edit and delete as well.

To-Do

Title

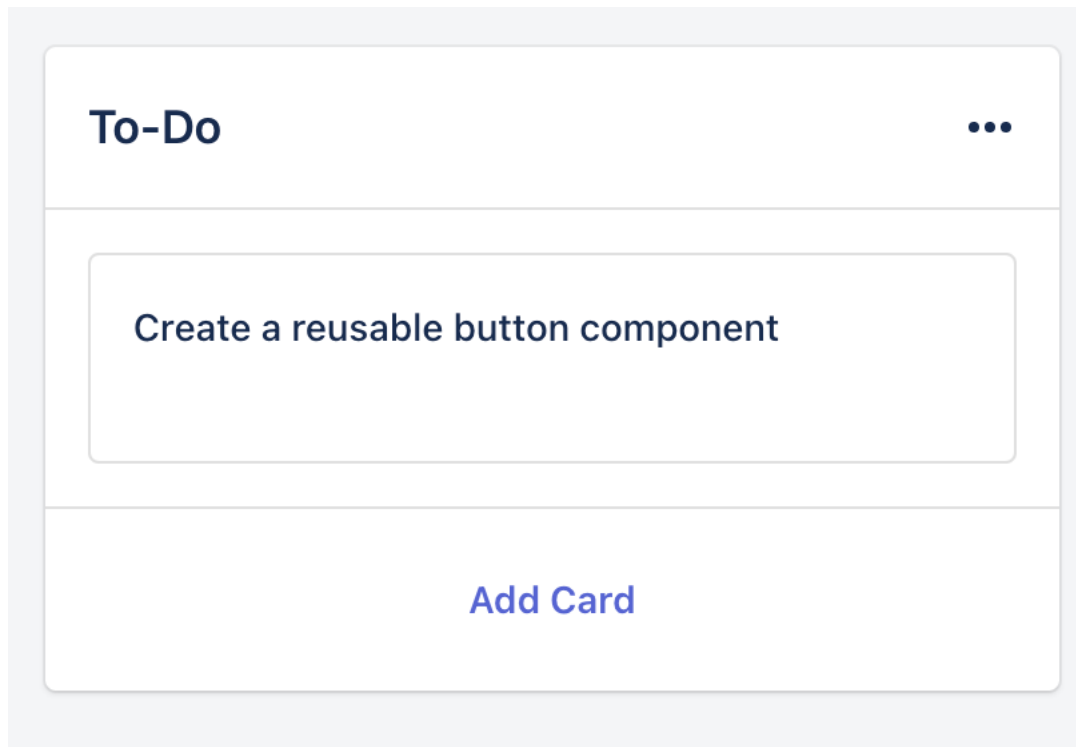
CancelAdd

To-Do

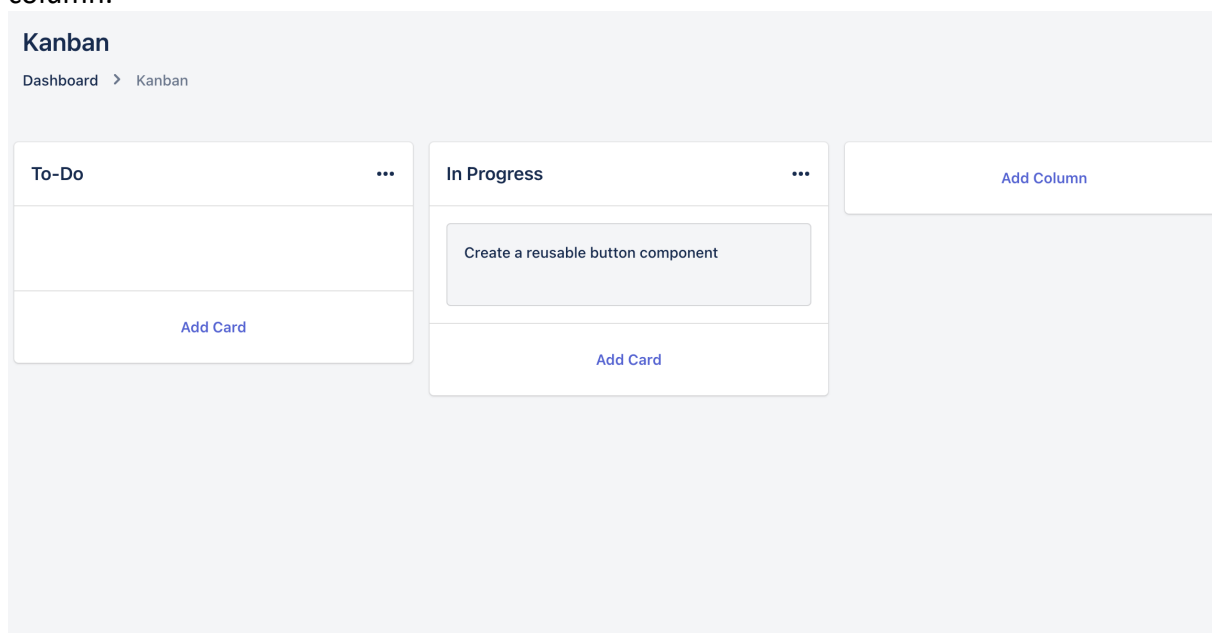
Title

Create a reusable button component

CancelAdd



3. Ability to drag and drop tasks from one column to another. For example, in the screenshots above, moving **Create a reusable button component task** to **In Progress** column.



4. Limit the number of columns that can be added to 5; Expected Result: Hide the Add Column button and issue a message to the user once the 5 columns are exhausted alerting them that they can only create 5 columns.
5. Create a service worker for your web app that ensures the web app is installable in a mobile or desktop device.

Ensure you write comments along your code to just guide us on your thought process. Using any online solutions out there will be easy to detect, so please work on this on your own. Once you are done, create a public repo in your GitHub account, commit and push in that repo. Add a README.md file to guide on how to use install, run and use the web app.