Restaurant App Using React-Redux:

* This is Simple Restaurant Application
* Viewing the details of food items present in *a* restaurant by clicking view detailsbutton
* All the currencies are shown in *INR* ₹ format
* This was bootstrapped with Create React App.
* Created using React, React Hooks like useContext & useReducer,Bootstrap5, CSS,HTML

React is one of the most popular front-end Javascript frameworks, developed by Facebook and used by countless tech companies including Netflix and Github to build applications. React is a declarative library that makes it easy to create interactive user interfaces, keeping the code base organized through its component-based-architecture.

First Of all, we created a react app using the npx command and then installed necessary packages like react-router-dom which is useful for multipage applications, redux,react-redux,redux-thunk,redux-devtool-extension, which are used for the creation of store, reducer, actions. We used an API, which consists of the data of food items, images, and prices in the form of JSON. we will fetch all these from the API using Axios, This Restaurant App consists of two pages Orders Page and Home Page. On Home Page, we will be having all the food items with images, prices, and Order options in the form of a card. We can also filter the food item using the drop-down menu which consists of "All Food Items", "Rice Items", "Pizza", and "Beverages". Before that we have to select the table number to place the order, if not selected we can't place the order After Clicking the Order Button on the Card which is shown on the Home Page, Then all the Food items that are ordered are shown in Orders Page. When we Click Order we get an alert message that our order is Placed, After clicking "OK" in the alert message that is poped everything will be changed to default. To perform all these Filterings on Home Page and Orders that are shown on the Orders Page we used Actions that are performed on State Component in Store, the actions are defined in the reducer.

