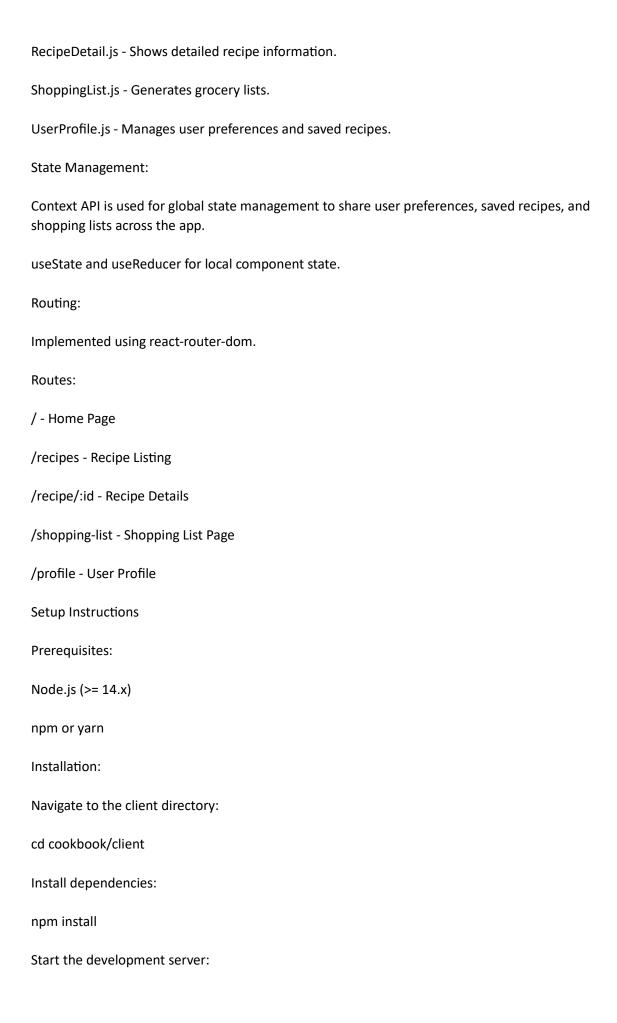
## Frontend Development with React.js

## Project Documentation format

COOKDOOK: Your Virtual Kitchen Assistant
Introduction
Project Title:
Cookbook: Your Virtual Kitchen Assistant
Team Leader: SHOBANA R Team Member: VIJI P H Team Member: SHIVAANI P V Team Member: LOGESHWARI B Team Member: UMA S
Project Overview
Purpose:
Cookbook is a virtual kitchen assistant designed to help users discover, organize, and manage recipe efficiently. The goal is to provide a seamless user experience for meal planning, grocery list management, and step-by-step cooking guidance.
Features:
Search and browse a vast collection of recipes.
Save favorite recipes to personal collections.
Generate shopping lists from selected recipes.
Step-by-step cooking instructions with a guided mode.
User account management with preferences and history.
Architecture
Component Structure:
App.js - Root component.
NavigationBar.js - Handles app navigation.
RecipeList.js - Displays a list of recipes.



```
npm start
Folder Structure
Client:
components/ - Reusable UI components.
pages/ - Main application pages.
assets/ - Images, icons, and styles.
hooks/ - Custom React hooks.
context/ - Context API providers.
services/ - API calls and data fetching logic.
Utilities:
helpers.js - Helper functions for data formatting.
auth.js - Authentication utilities.
api.js - Axios setup for API requests.
Running the Application
To start the frontend server locally, use:
npm start
Component Documentation
Key Components:
RecipeList - Displays all available recipes.
RecipeDetail - Shows full details of a selected recipe.
ShoppingList - Helps users generate grocery lists.
Reusable Components:
Button.js - Customizable buttons.
InputField.js - Styled input fields.
```

