### Project Title: CookBook – Your Virtual Kitchen Assistant

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### ﻿Project Overview

### ﻿Purpose:-

The CookBook project is designed to act as a virtual kitchen assistant that helps users explore, manage, and organize recipes. It demonstrates the setup and execution of a Node.js-based web application, giving students practical exposure to real-time project development.

### ﻿Features:-

Recipe management and organization.﻿Simple interface for exploring cooking instructions.﻿Demonstrates npm-based dependency management.﻿---

### ﻿Architecture

### ﻿Component Structure:-

•This project is a Node.js application running with npm.﻿•Core project files handle the application logic.﻿•Dependencies are managed in the package.json.﻿•The application launches in the browser at http://localhost:3000.

### ﻿State Management:-

State handling is basic and internal to the application.﻿Routing:﻿The application runs on a single local route (/ on port 3000).﻿---

### ﻿Setup Instructions

### ﻿Prerequisites:-

Install Node.js (LTS version) from [https://nodejs.org/en/download/.](https://nodejs.org/en/download/.#https://nodejs.org/en/download/.)﻿Install Visual Studio Code (VS Code).﻿SmartInternz account to access project code.

### ﻿Installation Steps:-

1. Download and install Node.js for your system (Windows .msi or macOS .pkg).﻿2. Open PowerShell (Admin) → run:﻿set-executionPolicy unrestricted﻿Type Y and press Enter.﻿3. From SmartInternz → Projects → Access Resources → Guided Projects → Go to Workspace.﻿4. Download the project code from the code drive link.﻿5. Extract the downloaded .zip folder.﻿6. Open VS Code → Open Folder → select extracted project folder.﻿7. In VS Code terminal, run:﻿npm install﻿---

### ﻿Folder Structure

### ﻿Root Folder:-

Contains main project files and package.json for dependency management.

### ﻿Utilities:-

Node.js modules downloaded through npm are stored in the node\_modules folder.﻿---﻿Running the Application﻿To start the project:﻿npm start﻿Then open the application in a browser:﻿http://localhost:3000﻿---