**CookBook: Your Digital Recipe Companion**

**Category:**

Frontend Development with Database Support by MongoDB

**Skills Required:**

React.js, MongoDB, Node.js

**Introduction:**

CookBook is a React.js based recipe management web application designed to provide an engaging and personalized cooking experience. It allows users to explore recipes, save favorites, create custom recipe collections, and search for dishes across multiple cuisines. MongoDB is used for storing recipe data, user profiles, and preferences, while Node.js powers the backend.

**Scenario:**

Imagine you want to cook something new but don’t know where to start. With just a few clicks, CookBook suggests recipes tailored to your taste — quick snacks when you’re busy, healthy meals for fitness goals, or traditional favorites for family gatherings. CookBook adapts to your taste, lifestyle, and cooking journey.

**Target Audience:**

1. Food lovers exploring new dishes.
2. Students and professionals looking for easy, quick recipes.
3. Home cooks who enjoy experimenting with cuisines.
4. General users who want a clean, responsive recipe manager.

**Key Features:**

1. Browse recipes with detailed steps and ingredients.
2. Play/pause recipe instructions with smooth navigation.
3. Favorites and personal recipe collection.
4. Quick search by dish name, cuisine, or ingredients.
5. Responsive across devices.
6. Database support using MongoDB.

**Setup Instructions:**

1. Install Node.js and npm.
2. Clone the repository: git clone .
3. Navigate to the project folder: cd cookbook.
4. Install dependencies: npm install. 5 Run the app: npm run dev.

**Future Enhancements:**

1. User authentication and profiles.
2. AI-powered recipe recommendations.
3. Shopping list generator from recipes.
4. Offline recipe access. 5 Dark mode option.

**Team Members:**

Leader – P.KAVIYA

Team Members-M.RAMYA,S.MEENALOCHINI S.MONIKA,S.PREETHI

**Demo Video:**

Google Drive Link – https://drive.google.com/file/d/1c7xVB3SVCzy1qTRBVxg2BCJqGNBXDznr/view?usp=drivesdk