# **Digital Recipe Book**

A beautiful, modern, and responsive web application for storing and managing your favourite recipes. Built with React and Firebase (Firestore) for a real-time, serverless backend.

## **✨ Features**

* Add Recipes: Easily add new recipes with a title, preparation time, ingredients, instructions, and an image URL.
* View All Recipes: A clean, card-based layout to browse all your saved recipes.
* Detailed View: Click on any recipe to see a detailed modal with all its information.
* Delete Recipes: Remove recipes you no longer need.
* Responsive Design: Looks great on desktops, tablets, and mobile phones.
* Real-time Updates: Recipes sync across devices instantly, thanks to Firebase.
* Persistent Storage: Your recipes are securely stored in a cloud database.

## **🚀 Getting Started**

These instructions will get you a copy of the project up and running on your local machine for development and testing purposes.

### **Prerequisites**

You need to have [Node.js](https://nodejs.org/) and [npm](https://www.npmjs.com/) (or [Yarn](https://yarnpkg.com/)) installed on your machine.

### **Firebase Setup**

1. Create a Firebase Project:
   * Go to the [Firebase Console](https://console.firebase.google.com/).
   * Click on "Add project" and follow the on-screen instructions.
2. Create a Web App:
   * Inside your new project, click the Web icon (</>) to create a new web application.
   * Give your app a nickname and click "Register app".
   * Firebase will provide you with a firebaseConfig object. Copy this object.
3. Set up Firestore Database:
   * In the Firebase console, go to the "Firestore Database" section.
   * Click "Create database".
   * Start in test mode for easy setup. This allows open read/write access. For production, you'll want to configure security rules.
   * Choose a location for your database.

### **Installation**

1. Clone the repository:  
   git clone <your-repository-url>  
   cd digital-recipe-book
2. Install dependencies:  
   npm install
3. Configure Firebase Credentials:
   * In the src folder, find the App.js file.
   * Locate the firebaseConfig object at the top of the file.
   * Replace the placeholder values with the configuration object you copied from your Firebase project.

// src/App.js  
const firebaseConfig = {  
 apiKey: "AIzaSy...YOUR\_API\_KEY",  
 authDomain: "your-project-id.firebaseapp.com",  
 projectId: "your-project-id",  
 storageBucket: "your-project-id.appspot.com",  
 messagingSenderId: "1234567890",  
 appId: "1:1234567890:web:abcdef123456"  
};

1. Run the application:  
   npm start  
     
   This will open the app in your browser at http://localhost:3000.

## **🛠️ Built With**

* [React](https://reactjs.org/) - The web framework used.
* [Firebase](https://firebase.google.com/) - For database and authentication.
* [Tailwind CSS](https://tailwindcss.com/) - For styling.