

TITLE: INTERACTIVE WEB-BASED COOKBOOK

Subtitle: Step-by-Step Cooking with Timer & Recipe Management

Visual Hint: App logo or a recipe image (e.g., Spaghetti Carbonara)

INTERACTIVE WEB-BASED COOKBOOK

- Introduction
-
- Web application for cooking enthusiasts
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- Provides step-by-step guidance
-
- Allows users to browse, add, and manage recipes
-
- Combines frontend UI with backend data handling
- Visual Hint: Screenshot of recipe list/grid

INTERACTIVE WEB-BASED COOKBOOK

- Objectives
-
- Easy recipe browsing and searching
-
- Detailed recipe display (ingredients + steps)
-
- Interactive cooking mode with timers
-
- Persistent storage using Local Storage
- Allow users to add, edit, and delete recipes

INTERACTIVE WEB-BASED COOKBOOK

- Technologies Used
-
- HTML – Structure of the cookbook
-
- CSS – Styling and attractive layout
-
- JavaScript – Backend logic & interactivity

INTERACTIVE WEB-BASED COOKBOOK

- Cooking Mode
-
- Step-by-step instructions with images
-
- Automatic or manual timers for steps
-
- Auto-advance for seamless cooking
-
- Collapsible list of all steps for quick reference
- Visual Hint: Screenshot of a step card with progress bar

INTERACTIVE WEB-BASED COOKBOOK

- Recipe Management
-
- Add new recipes with:
-
- Title & description
-
- Images

INTERACTIVE WEB-BASED COOKBOOK

- Backend & Data Handling
-
- Uses JavaScript + LocalStorage
-
- Recipes stored as JSON objects
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- Preloaded sample recipes: Indian, Italian, Japanese, Mexican
-
- Structure: id, title, description, image, ingredients, steps
- Visual Hint: JSON snippet example

INTERACTIVE WEB-BASED COOKBOOK

- Key Functionalities
-
- Dynamic router: list, detail, form, cooking mode
-
- Search & filter recipes
-
- Timers & auto-advance for steps
-
- Interactive DOM manipulation for all views
- Visual Hint: Flow diagram of app navigation

INTERACTIVE WEB-BASED COOKBOOK

- UI/UX Enhancements
-
- Smooth hover animations and scaling
-
- Rounded step images with shadows
-
- Animated progress bar
-
- Mobile-friendly responsive layout
-
- Color scheme based on CSS variables for easy theming

INTERACTIVE WEB-BASED COOKBOOK

- Conclusion & Future Enhancements
-
- Fully interactive frontend + backend cookbook
-
- Features: add, edit, delete, follow steps, timers
-
- Future Enhancements:
-
- Dark mode
-
- Recipe categories & filters