

Documentation for Pizza Store Application

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1. Introduction

The Pizza Store Application is a React-based web application for managing and ordering pizzas. It features multiple pages, including Home, About, Display All Items, Add New Items, Update Items, Delete Items, and Contact. It uses react-router-dom for routing, styled-components for styling, Formik and Yup for form management and validation, and a JSON server for data management.

2. Setup Instructions

Prerequisites

- Node.js (v14 or higher)
- npm (v6 or higher) or Yarn

Installation

1. Clone the Repository

```
bash
```

Copy code

```
git clone https://github.com/your-repo/pizza-store-app.git
```

```
cd pizza-store-app
```

2. Install Dependencies

```
bash
```

Copy code

```
npm install
```

```
# or
```

```
yarn install
```

3. Start JSON Server

The application uses JSON Server for local data management. To start the server:

```
bash
```

```
Copy code
```

```
npm run server
```

This will start a JSON server at <http://localhost:5000>.

4. Run the Application

```
bash
```

```
Copy code
```

```
npm start
```

```
# or
```

```
yarn start
```

The application will be available at <http://localhost:3000>.

3. Component Descriptions

Home

- **Description:** The landing page of the application that provides an overview of the pizza store.
- **Key Features:** Welcome message, navigation to other pages.
- **Styling/Animation:** Uses fadeIn animation for smooth entry effects.

About

- **Description:** Provides information about the pizza store, its history, and values.
- **Key Features:** Text content, images, and animations.
- **Styling/Animation:** Uses fadeIn animation for smooth text and image transitions.

Display All Items

- **Description:** Shows a grid of all pizza and garlic bread items available in the store.
- **Key Features:** Displays items in a 7x3 grid, each with an image and an "Add to Cart" button.
- **Styling/Animation:** Bright gradient colors, animations for hover effects and button interactions.

Add New Item

- **Description:** Allows users to add new items to the store's menu.
- **Key Features:** Form with fields for item name, price, image URL, and description.
- **Styling/Animation:** Uses fadeInUp animation for form appearance, with transitions on input focus.

Update Items

- **Description:** Enables users to update existing items in the store's menu.
- **Key Features:** Form to select an item and update its details.
- **Styling/Animation:** Similar animation effects to the "Add New Item" page.

Delete Items

- **Description:** Provides functionality to remove items from the store's menu.
- **Key Features:** Interface to select and delete items.
- **Styling/Animation:** Consistent styling with other components.

Contact

- **Description:** A form for users to send messages or inquiries to the store.
- **Key Features:** Form fields for name, email, and message.
- **Styling/Animation:** Uses fadeInUp animation for smooth entry and form effects.

4. How to Use the Application

Navigation

- **Home:** The starting point; navigate to other pages from here.
- **About:** Learn more about the pizza store's background.
- **Display All Items:** View and add items to the cart.
- **Add New Item:** Add new items to the menu using the form.
- **Update Items:** Update details of existing items.
- **Delete Items:** Remove items from the menu.
- **Contact:** Send a message or inquiry to the store.

Adding New Items

1. Navigate to the "Add New Item" page.
2. Fill in the form with item details (name, price, image URL, and description).

3. Click "Add Item" to submit. A confirmation message will appear.

Updating Items

1. Navigate to the "Update Items" page.
2. Select an item to update from the list.
3. Modify the item details and submit the form.

Deleting Items

1. Navigate to the "Delete Items" page.
2. Select an item to delete.
3. Confirm the deletion.

Contacting the Store

1. Navigate to the "Contact" page.
2. Fill in your name, email, and message.
3. Click "Send Message" to submit your inquiry. A confirmation message will appear.