

TaxExpert Finder Application Documentation

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Introduction

TaxExpert Finder is a responsive web application designed to help users search for Chartered Accountants efficiently. The app aims to provide a seamless experience for finding, filtering, and accessing detailed information about accountants. It is built with modern web technologies ensuring responsiveness and scalability.

Application Features

Search Bar

- Real-time dynamic suggestions for quick searches.

Result List

- Display accountants in a responsive grid layout.
- Includes name, profile picture, email, and quick navigation to detail pages.

Detail View

- Full profile of a selected Chartered Accountant with detailed information.

Responsiveness

- Works smoothly across devices, from mobile to desktop.

Loading Indicators

- Show loading states while fetching data.

Error Handling

- Graceful messages like "No results found" or "Unable to load data."

Technology Stack

Frontend

- ReactJS for UI and state management.
- Tailwind CSS for styling and responsive design.

Backend/Services

- RESTful APIs for fetching Chartered Accountant data.

Build Tools

- Vite for fast development and build process.

Version Control

- Git/GitHub for source control.

Setup and Installation

1. Clone the repository:

```
git clone https://github.com/vamsikrishna-garisapati/taxexpert-finder.git
cd taxexpert-finder
```

2. Install the dependencies:

```
npm install
```

3. Start the JSON server:

```
npm run json-server
```

4. Start the development server:

```
npm run dev
```

File Structure

taxexpert-finder/

- └─ .gitignore
- └─ db.json
- └─ eslint.config.js
- └─ index.html
- └─ package.json
- └─ postcss.config.js
- └─ public/
- └─ README.md
- └─ src/
 - └─ App.css
 - └─ App.jsx
 - └─ assets/
 - └─ components/
 - └─ contactForm.jsx
 - └─ Loader.jsx
 - └─ NavBar.jsx
 - └─ SearchBar.jsx
 - └─ index.css
 - └─ main.jsx
 - └─ pages/
 - └─ About.jsx
 - └─ Contact.jsx
 - └─ Details.jsx
 - └─ Home.jsx
 - └─ Profile.jsx
 - └─ Services.jsx
 - └─ Testimonials.jsx

```
| └─ services/
|   └─ api.jsx
| └─ tailwind.config.js
└─ vite.config.js
```

Components Overview

[NavBar.jsx](#)

Purpose: Provides navigation links to different pages of the application.

[contactForm.jsx](#)

Purpose: A form component for users to send messages.

[Loader.jsx](#)

Purpose: A loader component to show a loading spinner.

[SearchBar.jsx](#)

Purpose: A search bar component to search for Chartered Accountants.

API Management

Folder Structure

[services](#) contains logic to interact with the mock backend. It uses Axios for efficient data fetching.

[api.jsx](#)

Handles API requests to interact with the JSON server.

- [fetchAllAccountants](#): Fetches all Chartered Accountants.
- [searchAccountants](#): Searches Chartered Accountants by name.
- [fetchAccountantDetails](#): Fetches details of a specific Chartered Accountant.

Mock Database (db.json)

Sample data stored in the [db.json](#) file.

Key Functionality

Dynamic Search

Filters user data dynamically as you type.

Navigation

Navigate to the details page via React Router.

Responsive Design

Adapts the layout based on device screen size.

User Interface

HomePage

1. Hero Section

- A visually impactful banner with a short description and a call-to-action (CTA) button.

2. Key Features Section

- Highlight the app's main features using icons or visuals.

3. How It Works Section

- A step-by-step process on using the application.

Account

- A Search Bar with placeholder text and autocomplete suggestions.
- A Result Grid showcasing a clean layout for accountant profiles.
- A Details Page for in-depth information.
- Error and Loading States.

AboutUs

Key Additions:

- **Vision Statement:** Added content focusing on the platform's vision to enhance accessibility and promote global financial standards.
- **Expanded "Why Choose Us" Section:** Included additional benefits and features of the platform.
- **"What We Offer" Section:** Highlighted specific services such as taxation, auditing, financial advisory, and bookkeeping.
- **"Our Commitment to You" Section:** Reassures visitors of the platform's integrity, professionalism, and customer focus.

ContactUs

- **Contact Form:** Includes fields for name, email, subject, and a message box, with styling.
- **Contact Details:** Displays the company's address, phone numbers, and email for direct communication.
- **Social Media Links:** Provides links to popular social media platforms, using Font Awesome icons for a modern touch.

Dependencies:

- Font Awesome icons for the social media links: Install by adding the CDN link in your project or using the npm package `@fortawesome/react-fontawesome`.

Future Enhancements

Sorting and Filtering

- Add options for sorting by name, location, or specialty.

Pagination

- Implement pagination for large datasets.

User Authentication

- Allow users to save their favorite accountants.

Map Integration

- Display accountant locations on an interactive map.

Support and Contact

For questions or support, contact:

- **Email:** vamsikrishna.garisapati@gmail.com
- **Phone:** 7288871441
- **GitHub Repository:** <https://github.com/vamsikrishna-garisapati/TaxExpert-Finder>
- **Online Link:** <https://taxexpert-finder.netlify.app/>