User Management App Documentation

Introduction

The User Management App is a web application that allows users to manage a list of users. Users can perform various actions such as adding new users, editing existing user information, and deleting users.

Features

* Add User: Users can add new users by providing their name and email address. Upon submission, the new user's information is stored in the Firebase Firestore database.
* User List: The app displays a list of all users in a tabular format. Each user's name and email are shown, along with options to edit or delete the user.
* Edit User: Users can edit the information of an existing user by clicking the "Edit" button in the user list. A modal opens with editable fields for the user's name and email. After making changes, users can click the "Update User" button to save the changes.
* Delete User: Users can delete a user from the list by clicking the "Delete" button in the user list. A confirmation modal appears, asking the user to confirm the deletion. If confirmed, the user is deleted from the list.

Navigation

The app features a navigation menu with the following tabs:

* Home: Displays the default content of the app.
* Add User: Opens a form where users can add new users.
* User List: Displays the list of all users with options to edit or delete users.

The active tab is highlighted for easy navigation.

Technology Stack

- Vue.js: The front-end framework used to build the user interface and manage components.

- Vue Router: Handles routing and navigation between different views within the app.

- Firebase: A cloud-based backend service used to store and manage user data.

- Tailwind CSS: A utility-first CSS framework used for styling and layout.

Usage

1. Access the app through a web browser.

2. Home Tab: The default tab displays general information about the app.

3. Add User Tab: Click on the "Add User" tab to navigate to the user creation form. Fill in the user's name and email and click "Create User" to add a new user to the list.

4. User List Tab: Click on the "User List" tab to view the list of all users. Each user's name and email are displayed, along with "Edit" and "Delete" buttons. Click the "Edit" button to modify a user's information, or click the "Delete" button to remove the user from the list.

Conclusion

The User Management App offers a simple and intuitive way to manage a list of users. With features like adding, editing, and deleting users, the app provides a convenient solution for maintaining user data.