Greetings from Shengjun Sun. In this file, I will provide information about my product.

An overview of the application:

The application, as suggested, is a dashboard for users to see / manage the partners that C4C club is currently working with. Here is what the dashboard looks like for a normal user (without knowing the admin password).

As you can see. A normal user can only view the current partners that C4C club is working with, along with their respective information. A normal user cannot add a new partner, cannot delete an existing partner, nor modify the information of an existing partner.

Bonus feature implemented: For an admin user, please enter the password 'password' into the form and hit submit. Now, here will be the view for you as an administrator.

C4C: Projects

Search by project name...　　All ▾

Partner name:　　　　**Partner description:**

Partner Logo Source:　　**Active?**

Add Partner

Dog Project - Version 2
Active

A project about dogs., second version.

Edit　　Delete

Reading Project
Not Active

A project about reading books.

Edit　　Delete

As the dashboard suggests to you, you instantly obtain the ability to add a new partner, delete an existing partner, or edit the information of an existing partner.

Bonus feature implemented:

Now as you can see from both the view for a normal user and an admin user, below the title "C4C: Projects," there follows a search bar and a select box, they are for searching a specific partner (or partners).

In the search bar, if you enter "dog", the dashboard will only show partners whose title **include** the string "dog."

In the select box, there are three options: All; Active; Inactive.

If you enter "dog" in search bar and choose "Active" from the select box, then the dashboard will only show partners whose title **include** the string "dog" **and** are active.

Bonus feature implemented:

On each partner tile, you can see two buttons. The first button is "Edit", as a bonus feature, while the second button is "Delete," as a required feature.

Here will be your view of the partner tile after you click "Edit:"

Here, I am editing the left partner tile. I can modify the image URL; I can modify the title, description, and active status of the partner. After the modification, I just need to click "Save."

Bonus feature implemented:

In the public GitHub repository that I've shared, you can see the file named: partners.json

This file records information about the partner data that will be rendered on the dashboard when the application is running.

Whenever I delete an existing partner, modify the information of an existing partner, or add a new partner, the updated information will be written into this file instantly. Thus, when I close this application, the information will be

preserved inside of this file. The next time I open this application, the backend code will read this file for a list of partners to be rendered on the dashboard.

Experiment with the dashboard and see how it is implemented.

You may experiment with the functionality of the dashboard and see exactly how every feature is implemented. For example:

- Use the add-partner tile to add a new partner. When you click the "Submit" button, the new partner will instantly appear on the screen without you having to refresh the screen manually to see the change. Also, the form will be cleared automatically at the time you hit "Submit" button.

- Experiment with the functionality of searching for a specific partner(s) by title, and/or active status.

- Experiment with the functionality of editing an existing partner. When you click "Edit", then modify the existing information and click "Save," the change will instantly appear on the screen without your need to manually refresh the screen to see the changes.

I am happy to explain more about the application upon requested. Here is my contact information:

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Written by Shengjun Sun, June 13, 2024.