

## React – Mid Project

This Project based on the (server) data provided by :

<https://jsonplaceholder.typicode.com/users>

<https://jsonplaceholder.typicode.com/posts>

<https://jsonplaceholder.typicode.com/todos>

You have to manage a “Data Base” on the client side, based and initialized by the server data from those links.

### Case 1 - Application Starts

The UI presents all the users data, order by the users id. Users with UNCOMPLETED tasks (todos) will marked with a red border. Other users – with green border

The UI mockup is contained within a rounded rectangle. At the top, there is a 'Search' label followed by a text input field and a yellow 'Add' button. Below this, there are three user cards. Each card contains the following elements: a link to the user's ID, a 'Name' label with a text input, an 'Email' label with a text input, a grey 'Other Data' button, and two yellow buttons labeled 'Update' and 'Delete'. The first card (ID: 1) is enclosed in a red border. The second card (ID: 2) is enclosed in a green border. The third card (ID: 3) is enclosed in a red border.

ID	Name	Email	Border Color
1	Avi Cohen	avic@gmail.co	Red
2	Dana Levy	danal@gmail.com	Green
3	Ron Y.	ron@gmail.co	Red

## Case 2 : Search

When entering a text in the “search” text box, the users list will presents only users that their name or email contains that text

Search

co

Add

ID : 6

Name :

Avi Cohen

Email :

avic@gmail.co

Other Data

Update

Delete

ID : 2

Name :

Dana Levy

Email :

danaco@gmail.co

Other Data

Update

Delete

### Case 3 : Other Data

- When "Mouse over" the "Other Data" section, more data will be presented as follows :

Search

ID : 6

Name :

Email :

**Other Data**

Street :

City :

Zip Code :

ID : 2

Name :

Email :

**Other Data**

- A click on the "Mouse Over" section will close that section

#### Case 4 : Update/Delete Data

- When editing the data and pressing “Update” – The user’s data is being updated
- When pressing “Delete” – All the user’s data is being deleted

#### Case 5 : Selecting User

- When Clicking on the ID label, the user region will be colored in orange and the user’s posts and todos are presented as follows :

The mockup illustrates the user selection process. On the left, a search bar with an 'Add' button is at the top. Below it, two user cards are shown. The first card, for 'Avi Cohen' (ID: 1), is highlighted with an orange background and a red border. The second card, for 'Dana Levy' (ID: 2), has a green border. Each card contains fields for Name and Email, an 'Other Data' button, and 'Update' and 'Delete' buttons. To the right, two panels show the data for the selected user (User 1). The 'Todos - User 1' panel lists three tasks: 'Learn Front End' (not completed), 'Learn NodeJS' (completed), and 'Build Projects' (not completed). Each task has a 'Mark Completed' button. The 'Posts - User 1' panel shows two placeholder posts with titles and bodies.

Search

**ID : 1**  
**Name :**   
**Email :**

**ID : 2**  
**Name :**   
**Email :**

**Todos – User 1**

**Title :** Learn Front End  
**Completed :** False

**Title :** Learn NodeJS  
**Completed :** True

**Title :** Build Projects  
**Completed :** False

**Posts – User 1**

**Title :** Some Title...  
**Body :** Some body...

**Title :** Some Title...  
**Body :** Some body...

- A “todo” that hasn’t completed will present a “Marl Completed” button the will complete the task

## Case 6 : Add new ToDo

- When Press on “Add” above the “ToDo” list, the list will be replaced with a place for adding a new ToDo. A press on “cancel” will bring back the “ToDo”

Search

Add

ID : 1

Name :

Email :

Other Data

Update

Delete

ID : 2

Name :

Email :

Other Data

Update

Delete

### New ToDo – User 1

Title :

Cancel

Add

### Posts – User 1

Add

Title :

Body :

Title :

Body :

### Case 7 : Add new Post

- When Press on “Add” above the “Posts” list, the list will be replaced with a place for adding a new Post. A press on “cancel” will bring back the “ToDo” list

Search

Add

ID : 1

Name :

Email :

Other Data

Update

Delete

ID : 2

Name :

Email :

Other Data

Update

Delete

Todos – User 1

Add

Title : Learn Front End

Completed : False

Mark Completed

Title : Learn Front End

Completed : True

New Post – User 1

Title :

Body :

Cancel

Add

### Case 8 : Add new User

- When Press on “Add” above the “Users” list, The right side will be navigated to a new user “screen”. The “other data” can not be provided in creation but only on updater user’s data.

The image displays a mobile application interface for user management. On the left, a rounded rectangle represents the main app screen. At the top, it features a 'Search' label and an input field, followed by a yellow 'Add' button. Below this, there is a list of users. The first user, 'Avi Cohen', is highlighted with an orange background and a red border. This user's entry includes fields for 'ID : 1', 'Name :', 'Email :', and 'Other Data', along with 'Update' and 'Delete' buttons. The second user, 'Dana Levy', is shown below with a green border and similar fields. To the right of the main screen is a separate window titled 'Add New User'. This window contains input fields for 'Name :' and 'Email :', and 'Cancel' and 'Add' buttons at the bottom.

Search  Add

**ID : 1**  
**Name :**   
**Email :**   
Other Data Update Delete

**ID : 2**  
**Name :**   
**Email :**   
Other Data Update Delete

**Add New User**

**Name :**   
**Email :**   
Cancel Add