

Assignment # 3

Due Date Saturday, March 12, 2022 @11: 59 PM

In this Assignment, you will **build an employee management app that persists data offline**. You will use IndexedDB and Localbase library to read, add, update, and delete employees in the database.

The **Employee Management App** should have the following CRUD features:

1. **Add Employee:** when the user clicks on the **add new employee** menu bar in figure 1, you should open the add employee page in figure 2 that allows the user to add a new employee. Once they click on the **Add** button, you should navigate them to the employee page and show the newly added Employee, as shown in figure 1.

The screenshot shows a web application interface for adding a new employee. At the top, there is a blue navigation bar with two links: 'Employee List' and 'Add Employee'. Below this, the main content area is titled 'Create Employee'. It contains three input fields: 'First Name' (with the value 'Ramesh'), 'Last Name' (with the value 'Fadatare'), and 'First Name' (with the value 'ramesh@gmail.com'). A green 'Submit' button is located at the bottom of the form.

Figure 1: Add Employee page

2. **List Employees:** as soon as the application loads, you show all the employees saved in the database in a table, as shown in figure 2.

The screenshot shows a web application interface with a blue header bar containing the text "Employee List" and "Add Employee". Below the header, there is a white box titled "Employee List" containing a table. The table has four columns: "Firstname", "Lastname", "Email", and "Actions". There are four rows of employee data, each with a "Delete" button (red) and an "Update" button (teal).

Firstname	Lastname	Email	Actions
Ramesh	Fadatare	ramesh@gmail.com	Delete Update
John	Cena	john@gmail.com	Delete Update
Tom	Cruise	tom@gmail.com	Delete Update
Tony	Stark	tony@gmail.co	Delete Update

Figure 2: Employee page

3. **Update Employees:** If the user clicks on the update employee button, you should take the selected employee details to allow the user to update the information of the selected Employee, as shown in Figure 5.

The screenshot shows a web application interface with a blue header bar containing the text "Employee List" and "Add Employee". Below the header, there is a white box titled "Update Employee". Inside the box, there are three input fields: "First Name" (containing "Ramesh"), "Last Name" (containing "Fadatare"), and "First Name" (containing "ramesh@gmail.com"). Below the input fields is a green "Submit" button.

Figure 3 Update Employee

4. **Delete Employee:** Delete the selected Employee from the database and reload the page.

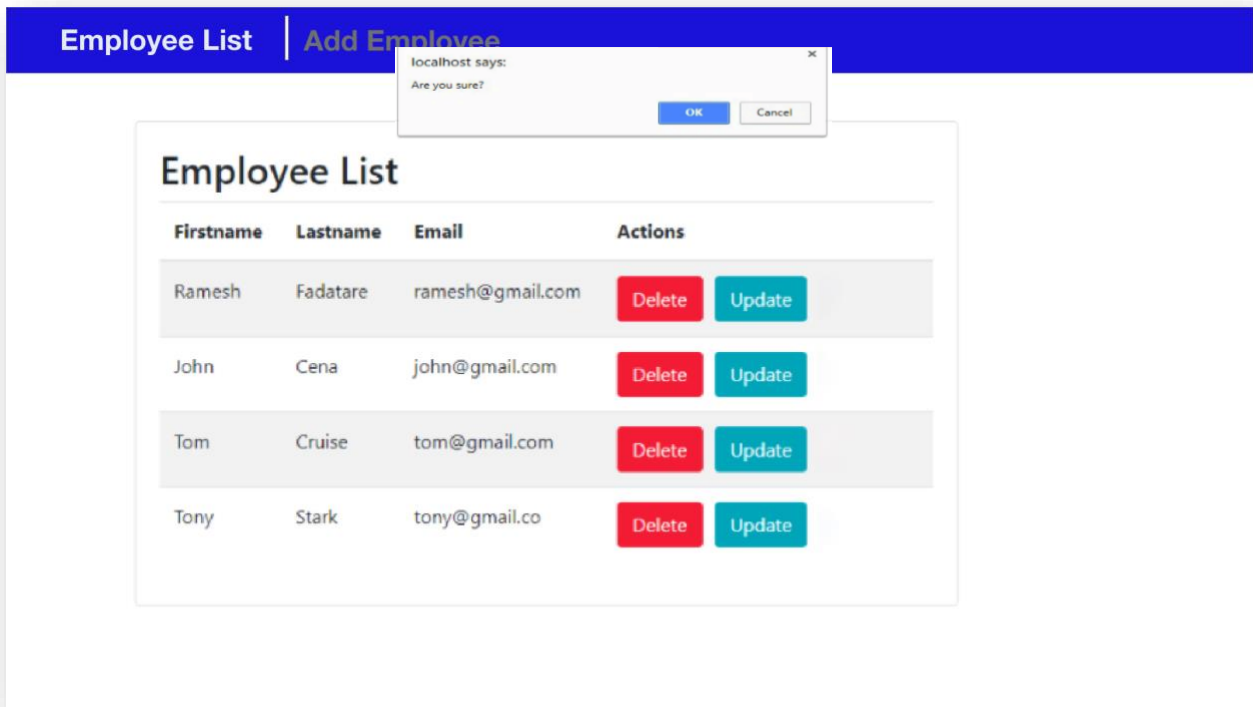


Figure 3 Delete Employee

After you complete the Assignment, fill in the **TestingDoc-Grading-Sheet.docx** and save it inside the **Assignment3** folder. Push your work to the Github repository.