



React Assignment 1: Contact Management App

Objective:

Build a simple Contact Management App in React that demonstrates usage of **state**, **props**, **CRUD operations**, and **basic CSS styling**.



Requirements:

1. Add Contact

- A form to add a new contact with:
 - Name (text input)
 - Email (email input)
 - Phone number (number input)
- On form submission, the contact should be added to a list.

2. Display Contacts

- Show all contacts in a list or table.
- Each contact should display:
 - Name
 - Email
 - Phone number
 - "Edit" and "Delete" buttons

3. Edit Contact

- On clicking "Edit", populate the form with existing values.
- Allow updating the contact information.

4. Delete Contact

- On clicking "Delete", remove the contact from the list.

5. Component Structure

- Break the app into components:
 - ContactForm – for adding/editing a contact
 - ContactList – to display the list of contacts
 - ContactItem – to show individual contact details

6. Props & State

- Use props to pass data from parent to child components.
- Use useState for managing component state.

7. Styling (As per your CSS knowledge)

- Apply basic CSS (either inline, CSS modules, or external stylesheet).
- Highlight edited row or provide visual cues (e.g., color change on hover, input validation styles, etc.)