

## Problem Statement: Phone Book Portal – Basic Contact Manager

### Overview:

You are tasked with building a simple **Phone Book Portal** that allows users to **add, view, and store** contact information such as **Name, Phone Number, and Email Address**. The goal is to mimic the behaviour of a basic phone book application using **Local Storage** for data persistence.

### Requirements:

#### 1. Add Contact Page (add.html)

- A form where users can input:
  - **Name**
  - **Phone Number**
  - **Email Address**
- A **Submit button** that saves this contact to **local storage**.
- Basic validation to ensure that:
  - All fields are filled.
  - The phone number contains only digits.
  - The email is in a proper format.

#### 2. View Contacts Page (view.html)

- This page should display all the contacts stored in local storage in a **table or card layout**.
- Each contact should show:
  - Name
  - Phone Number
  - Email Address
- Optionally, add a **“Clear All”** button to delete all stored contacts.

### Features (Optional for Extra Credit):

- Add a **delete** button for each contact to remove it individually.
- Add basic styling using CSS to make the portal look neat and user-friendly.
- Allow editing existing contact entries.

### Tech Stack:

- **HTML** for structure
- **CSS** for styling
- **JavaScript** for logic and local storage

### Learning Outcomes:

- Understanding form handling in JavaScript.
- Using **Local Storage API** to persist data.
- Dynamically manipulating the DOM to show contact details.
- Organizing files into multiple pages and linking them.