**🚀 Angular Technical Test**

**🔔 Note:**

* Focus on **functionality**, not on design/UI.
* Ensure a **user-friendly experience** (clear messages, easy interactions).
* Use **React (Hooks only)** – no class components.

**✅ Test Scenario**

You are required to build a **Angular application** to upload and import a **CSV file** containing user data, validate it, and insert the valid data into a mock backend (in-memory or browser storage).

**📥 Input File**

Manually create a CSV file with the following **columns** and at least 10 dummy rows:

* Name
* Email
* Phone
* Date of Birth
* Address

**🧠 Tasks**

1. **CSV Upload and Parsing**
   * Allow the user to upload a .csv file.
   * Parse the file and display the records.
2. **Validation Rules**
   * All fields are required.
   * Email must be valid.
   * Phone number must be 10 digits.
   * Email must not already exist in the current data (check for duplicates).
3. **Handling Validation Errors**
   * Save all failed records in a new CSV with a **"Reason"** column describing why the record failed.
   * Provide a **download button** for the error file **only if** failed records exist.
4. **Show Import Summary**
   * Show a message after import:

✅ X Records Inserted | ❌ Y Records Failed

1. **Display Valid Records**
   * Show all successfully imported records in a **DataTable** (use any table library or build your own).
   * Add filters for **Name, Email, Phone** (simple text inputs).