

# Technical

## Requirements

xamp server

## How to Run

You will need to place the root folder with all its contents in the Site folder of xamp. You will also need to create a virtual-site for the project. All links in the application use absolute paths, and this might not work properly if you do not set up a virtual-site for the project first.

## How it works

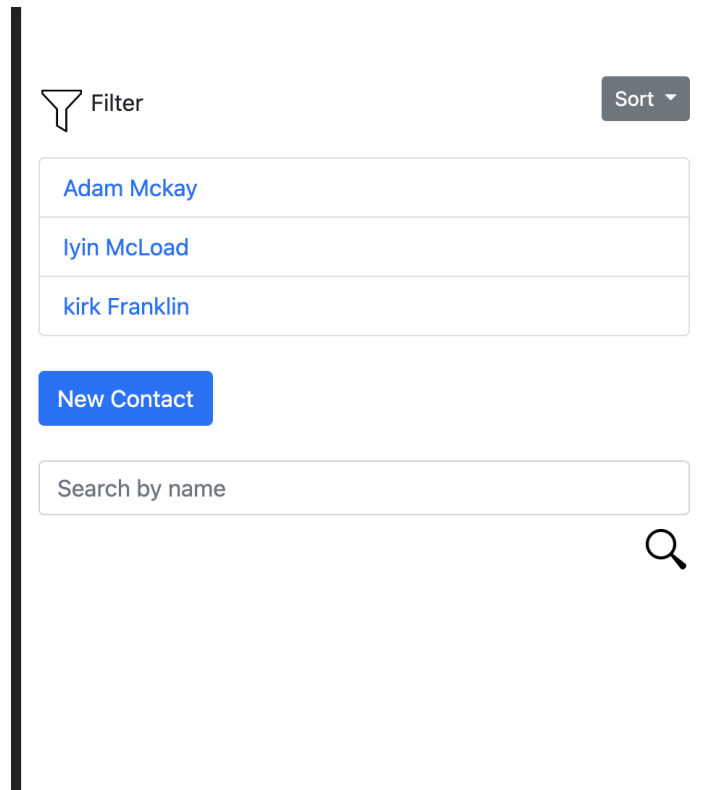
The application uses the browser's local storage to store contact details. When you run the application, it will check if there are existing records in the browser's local storage. If no record is found, it will load the data from the startup/init\_data.json file and store it in the browser's local storage. All subsequent requests for contact data will then be retrieved from the browser's local storage.

## Known Bug

On first start, the application will load data from the json file, but the data might not reflect on the page and users will need to reload the page to get the data to show.

# Non-Technical

Landing Page (index.html)



The screenshot shows a web interface for managing contacts. At the top left, there is a 'Filter' button with a funnel icon. To its right is a 'Sort' button with a dropdown arrow. Below these buttons is a list of three contacts: 'Adam McKay', 'Iyin McLoad', and 'kirk Franklin'. Each name is a blue hyperlink. Below the list is a blue button labeled 'New Contact'. At the bottom, there is a search bar with the placeholder text 'Search by name' and a magnifying glass icon to its right.

This shows all the contacts in the application. All contacts on this page are clickable, and clicking on the contacts will take the user to the contact detail page.

All other pages have direct links to this page, and this page has a few functionalities

1. Displays all contacts in the application
2. Provides search functionality where users can search for contacts by full-name
3. A filter button to take users to a page where they can further filter the contact list
4. Functionality to sort contacts list in ascending and descending order using the contact's first name
5. Button to take users to a page where they can create a new contact

## Detail Page

List Contacts

**Adam Mckay**

adam.mckay@office.com



+44703493283



This page shows a contact's full information, i.e., Full name, email address, and phone number. It also provides links to update the contact and a delete button to delete the contact

## Create Page

List Contacts

First Name

Last Name

Phone Number

Email address

We'll never share your email with anyone else.

Submit

This page provides a form for the user to create a new contact. All the fields in this form are required fields, and the form will not save unless they are filled.

## Update Page

List Contacts

**First Name**

Adam

**Last Name**

Mckay

**Phone Number**

+44703493283

**Email address**

adam.mckay@office.com

Submit

This page provides functionality for the user to update existing contact information. All the fields in this form are required fields, and the form will not save unless they are filled.