**CS 6360.501**

**Programming Project 1**

**Contact List**

**Srivastchavan Rengarajan – SXR190067**

**Quick Start Guide**

**Project setup –**

1. Install MAMP server from <https://www.mamp.info/en/windows/>.
2. Open MAMP application and start the Apache and MySQL servers.
3. Copy and paste the source code folder named sxr190067\_Prj1 in the htdocs folder in the MAMP program directory.
4. Open the phpMyAdmin page from <http://localhost/MAMP/>.
5. Copy, paste and run the SQL queries from DB creation and table insertion scripts.
6. Go to <http://localhost/sxr190067_Prj1/index.php>.
7. The application should be ready to use.

**Application functionalities-**

1. Adding a new contact
   1. Click on the Add new Contact Button at top right corner of the page.
   2. In the new page, fill all the necessary details of the contact.
   3. Once all the details are filled, click on the Add contact button at the bottom of the page.
   4. A success message will be displayed after successful addition of data in the database.
   5. The new data can be viewed or modified from the homepage of the application.
2. Modifying an existing contact
   1. Click on the update button at the right corner of the table entry that you wish to modify.
   2. In the new page, update the necessary data of the existing contact.
   3. Once done, then click the Save changes button at the bottom of the page.
   4. A success message will be displayed after successful update of the data in database.
   5. Modified data can be viewed in the homepage.
   6. Update can also be done after the particular contact is searched using the search functionality.
3. Searching a contact
   1. Type in the contact you want to search in the search bar at the top of the page.
   2. Contact can be searched by typing in any combination of name, address, phone , zip etc.
   3. Search results are shown in the tabular format at the bottom of the page.
4. Delete a contact
   1. Deleting a contact is similar to modifying.
   2. Search for the contact to be deleted.
   3. Click on the Delete button at the right corner of the table entry that needs to be deleted.
   4. Once clicked, a confirmation popup will double check the action.
   5. Click OK to delete the contact from database.
   6. Deleted entry will not be seen again in the result table nor can it be searched again.