**ASSUMPTIONS**

1. While searching by address, it needs to be input in the format 800-W-Renner-Rd (with hyphens).
2. Phone number format is xxx-xxx-xxxx
3. Data entered in forms should be validated by user regarding the format.

**TECHNOLOGIES USED**

1. Front-End: HTML, Bootstrap 4, jQuery
2. Backend: MYSQL, PHP, Apache Server
3. This is the landing page of my application where the Update and Delete buttons are disabled initially.

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1. Upon clicking on a particular contact, the update and delete functionality gets activated. We can also see the corresponding contact details for the clicked contact.

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1. Clicking on the update button opens up a window where user can enter changed details. The changes are captured once user clicks on Save Changes button. We can add or delete phone, address or dates as required.

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1. A screenshot of a computer

   Description automatically generatedSimilarly, to create a new contact, user has to click on create contact button and choose Save Changes button to capture the new information.
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   Description automatically generatedThe yellow progress bar gives the user an idea of the size of contacts retrieved.
3. A screenshot of a cell phone

   Description automatically generatedThe search window allows user to search with various combinations. Here we are searching by Zip code. Hence all contact in that zip code are shown.
4. A screenshot of a cell phone

   Description automatically generatedWe now search for a combination of zip and area code. This returns the specific contact match both criteria.
5. A screenshot of a cell phone

   Description automatically generatedWe can also search by last name as follows:
6. While searching for address, user has to input it with hyphens. This is to help us differentiate each entry as my logic is building sql queries dynamically.

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1. A screenshot of a computer

   Description automatically generated If there are more than one entry matching a first name, all of them are displayed.
2. A screenshot of a cell phone

   Description automatically generatedWe can also search by date of birth, entered in the specified format.
3. We can search by city and state as shown below:

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