Solution Explorer consist of ContactManager(Solution name)> ContactManager(Project Folder) folder that is consisting of main Project.

**Folder Structure and Organization of Application:**

* Created Web API controller in ContactManager > Controller > API folder that is used on project to get data from Sql Server. SQL Data .MDF extension file can be located under App\_Data folder.
* PersonContactInfo Modal can be located at in modal folder with all the Data Annotation.
* In the Application, for performing CRUD operation we are using Web API Controller. We have used Data transfer object (DTO) for Mapping as well Security purposes (not directly exposing business object). This DTO can be located under DTOs folder which is mainly used to decuple the main business object.
* ContactManagerController is a MVC controller under Controller folder. This controller is only used to render views and display data. We have used JQuery to perform client side validation in MVC controller. Also used DataTable Framework to display data in organised format with pagination and Contact Search.
* We have used Ajax Calles in MVC controller to fetch all the data from API Controller using Web API URL’s.
* Web Api Controller can be used by third party framework to retrieve data and Perform CRUD operations using this application.

**How to Run Application?**

1. Download ContactManager solution from Github in your local folder.
2. Use Visual Studio 2013 and above to open this solution.
3. Check SQL Server connection, if it can be established (Necessary Step to fetch Data for application to perform).
4. Go ahead build and run the application in Chrome (other browser can also be used).
5. Click on name of contact to Edit, use the “Create New” link above the table to create new contact. And you can directly delete the contact from table link “Delete”.