Evolunt Health – Contact Management Assignment

1. Functionality: Create an application to maintain contact information.
   1. Create contact
   2. View Contact
   3. Edit Contact
   4. Delete Contact
2. Technologies Used:
   1. Frontend
      1. Angular 11
      2. Angular Material
      3. Typescript
      4. Javascript
      5. Bootstrap
      6. css/scss
   2. Backend
      1. API – c# .net core web API
      2. Database – MS-SQL Server
3. Application Code Guide (refer README.txt) –

#General

step 0. clone repository to local machine.

#Database

step 1. find 'dbScript.sql' and execute on any(local) ms-sqlServer.

or

step 1. find 'ContactDB.bak' and create database using restore db to create new.

#API

step 2. open folder 'ContactsAPI' and open solution file in visual studio.

step 3. open appSettings.json file, change connection string pointing to your database which is created in step 1

step 4. run solution, if you are able to see weather forecast json data. webAPI is fine to go

step 5. search url '' if you are able to see some json records web API working fine.

#Angular

step 6. open folder 'Contactreg' in visual code or any IDE

step 7. run 'npm i' to install packages

step 8. run 'ng serve --o' and it will open in default browser.

it will show the evolunt health contacts page and few contacts loaded.

left side add/update window

right side table to show records

record can be added using edit icon

record can be deleted using delete icon

user can add record and on save it will populate in contact list

1. Application Host Guide –
   1. DB creation
      1. execute provided scripts on your MS-SQL server (and get connection string)
   2. API hosting
      1. Open API solution change connection string and point to your database
      2. Publish API solution
      3. Host published folder on IIS or cloud hosting if available.
   3. Angular
      1. point node command window to angular folder and run ‘ng build –prod’ command
      2. go to angular dist folder copy and host on IIS or cloud
      3. brows angular site (or for index.html)
2. Application Screenshots –









