Documented by Samkelo Ngubo. contact:samke704@gmail.com

Angular Js WebAPI (User contacts) Documentation

Time required to finish this requirement in minutes	Date time when you started	Start Date time when you finished
4 hours 19:minutes	07/11/2017 :19:00	07/11/2017 23:19

Problem:

Contact Management

User Stories

Create a simple web application to manage User contacts. You must code using a client-side JavaScript framework and not using web forms. The application, at a minimum, needs to provide the below functionalities.
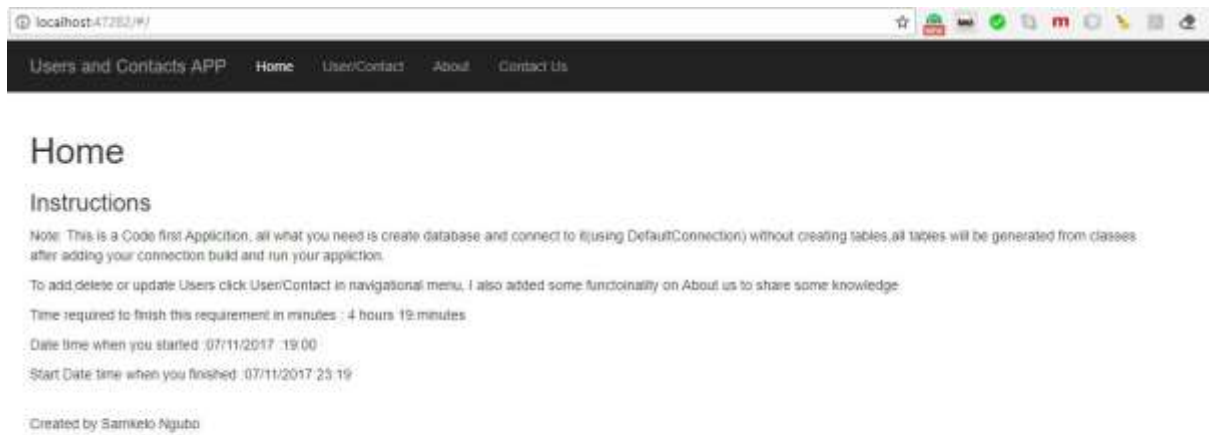
- Must be able to add a new contact.
- Must be able to edit an existing contact.
- Must be able to delete an existing contact.
- Must be able to add any number of phone numbers and email ids for each of the contact. Each of the different phone number/email must have a type attribute (like mobile, work phone, home phone, work email, personal email, etc.) to distinguish

You may use the appropriate database fields as required by the application.
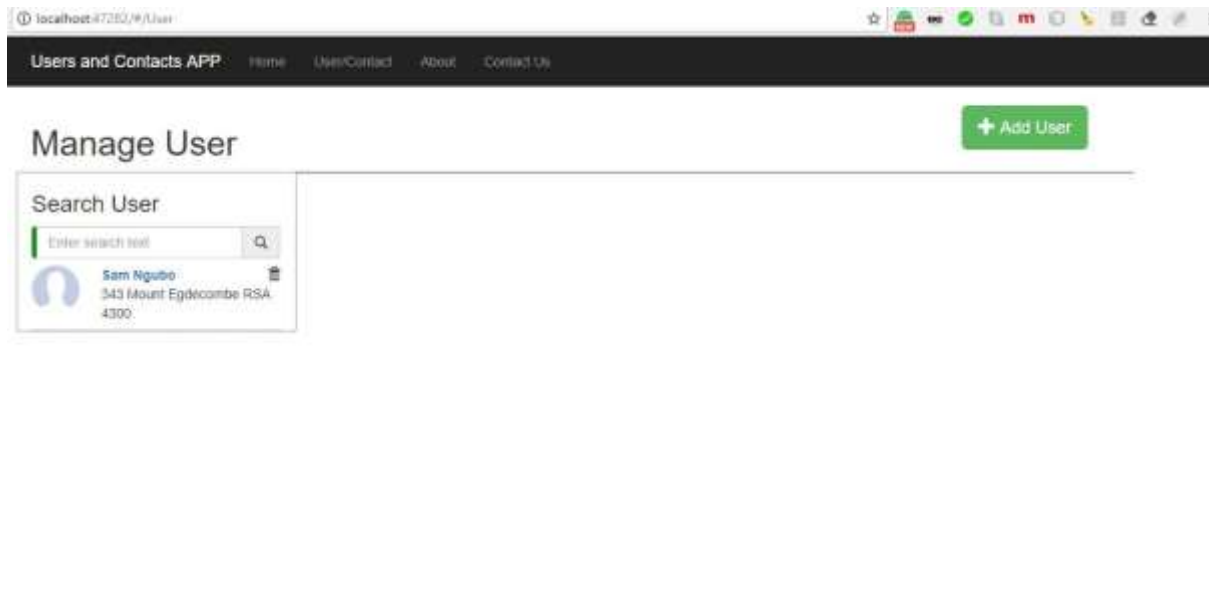
Technical Requirements

- The server side component must be a WCF / Web Service / ASP.NET Web API
- Use any of the JavaScript (JQuery, Angular, Knockout, etc.) frameworks you are familiar with
- Use any of the ORM (Entity Framework, etc.) tools you are familiar with.
- Design a complete data model to store the all possible information for the above requirement
- The database must be a SQL Server database and all tables must have necessary keys and constraints created.
- UI and server side code must have all validation check in place.
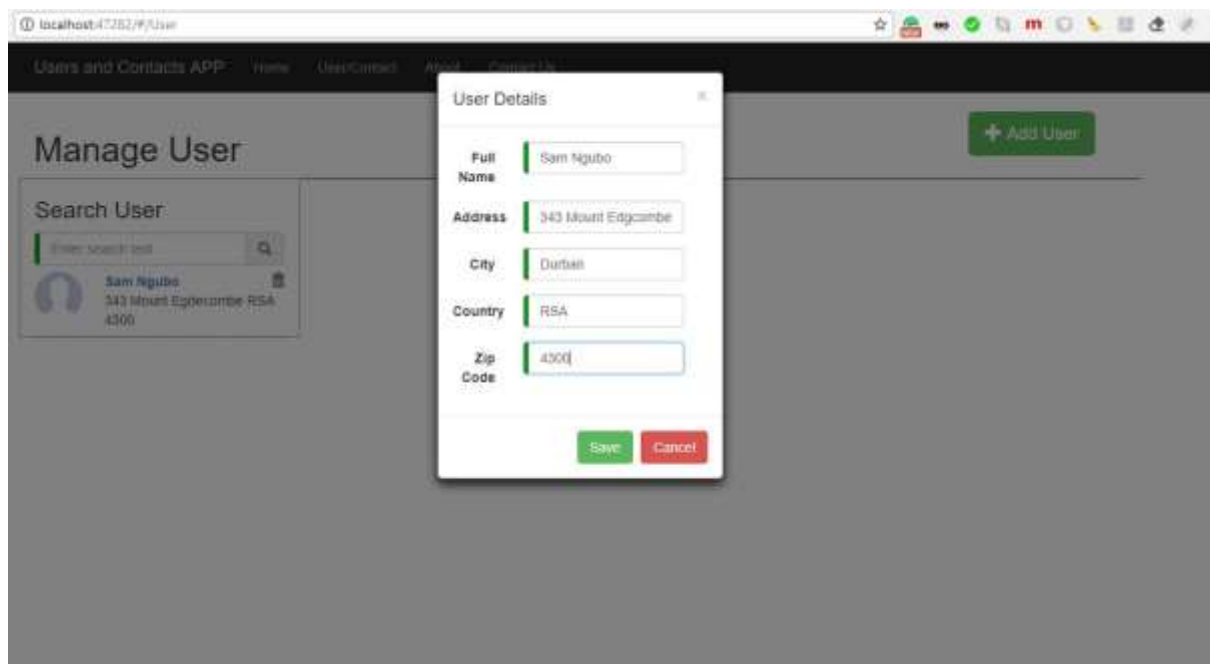- **Optional** – Use any javascript unit testing framework that you are familiar with.
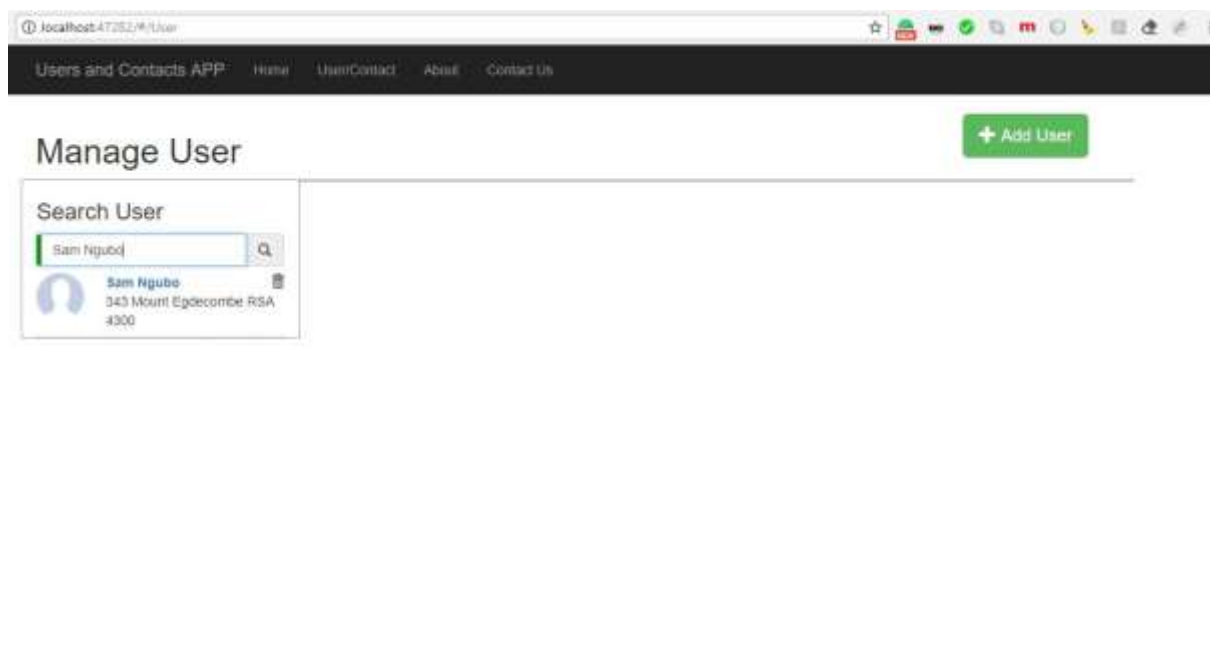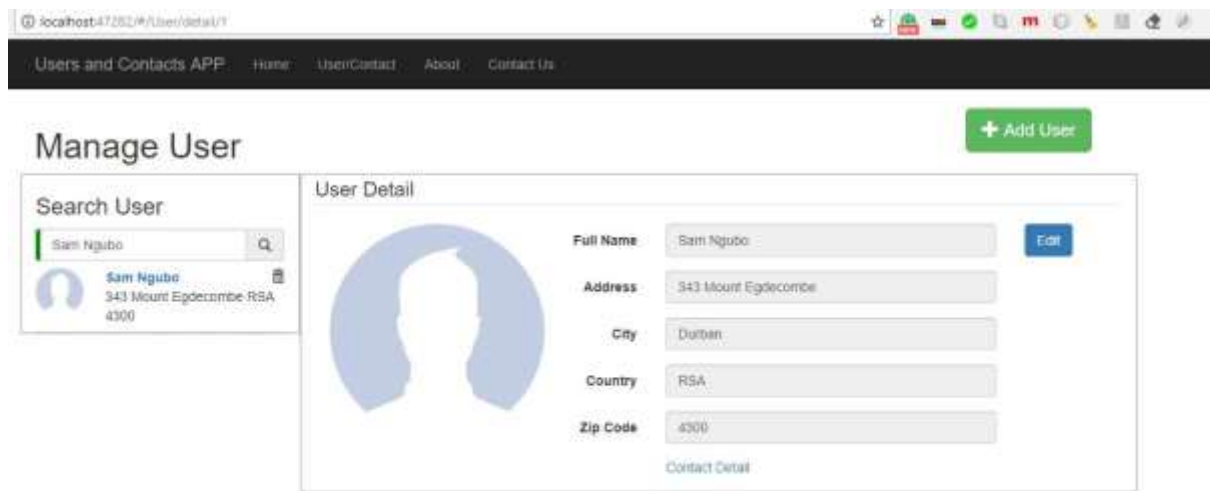
Solution:

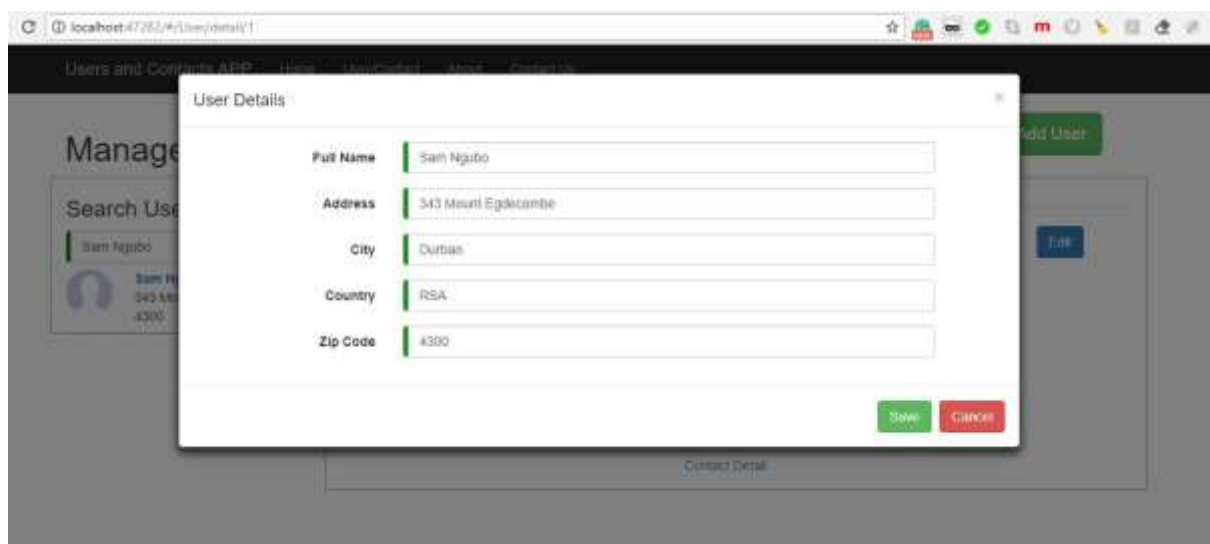## Home Page with some instructions

Manage User/Contact Page

Adding User/Contact

Search User

User and contacts details

Edit User

User and Cotact details below

{"UserId":1,"FullName":"Sam Ngubo","Address":"343 Mount Egdecombe","City":"Durban","ZipCode":"4300","Country":"RSA","Image":null}

Getting data in json format from web Api

Conclusion:

All data will be downloaded from GitHub as link provided :