Documented by Samkelo Ngubo. For more info 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

Instructions:

1. Download Assessment on GitHub: https://github.com/samkelo1/AngularjsWebAPI
2. Extract folder, then you get database backup please restore it to your local Sql server.
3. Open Assessment and connect to your database using your local connection string.
4. One you are done with connection please build and run your application.
5. You will able to do your work as per specifications and some screen snapshot included below.

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
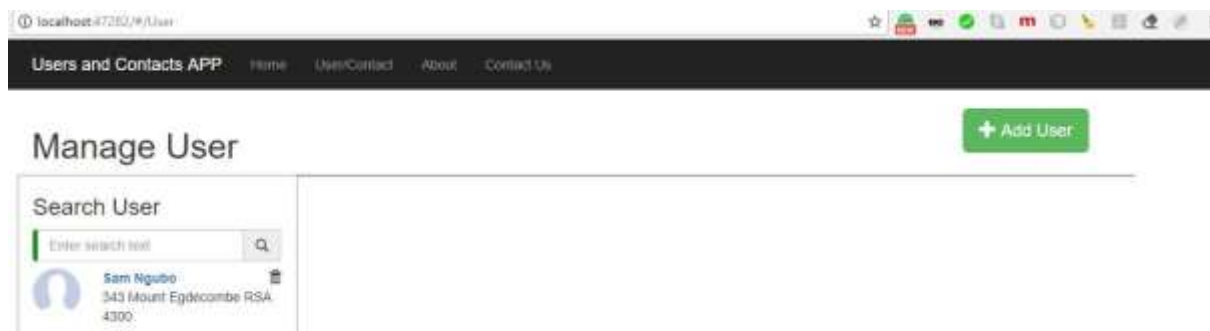
- The database must be a SQL Server database and all tables must have necessary keys and constraints created.
- UI and server side code must have all validation check in place.
- **Optional** – Use any javascript unit testing framework that you are familiar with.
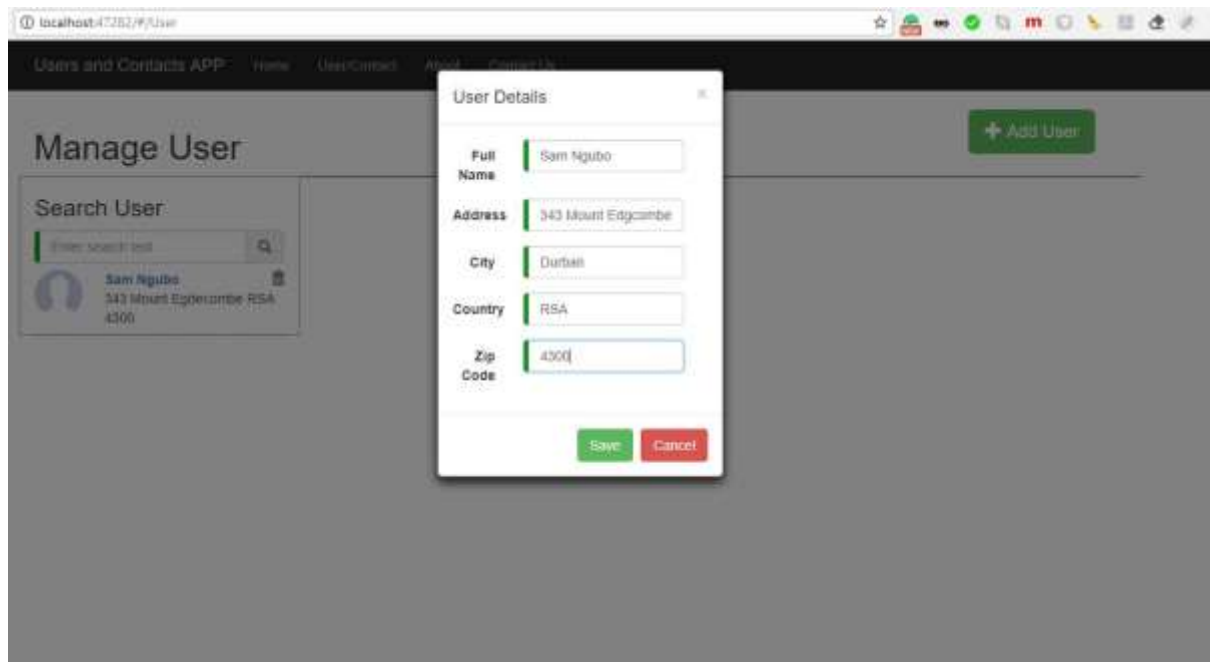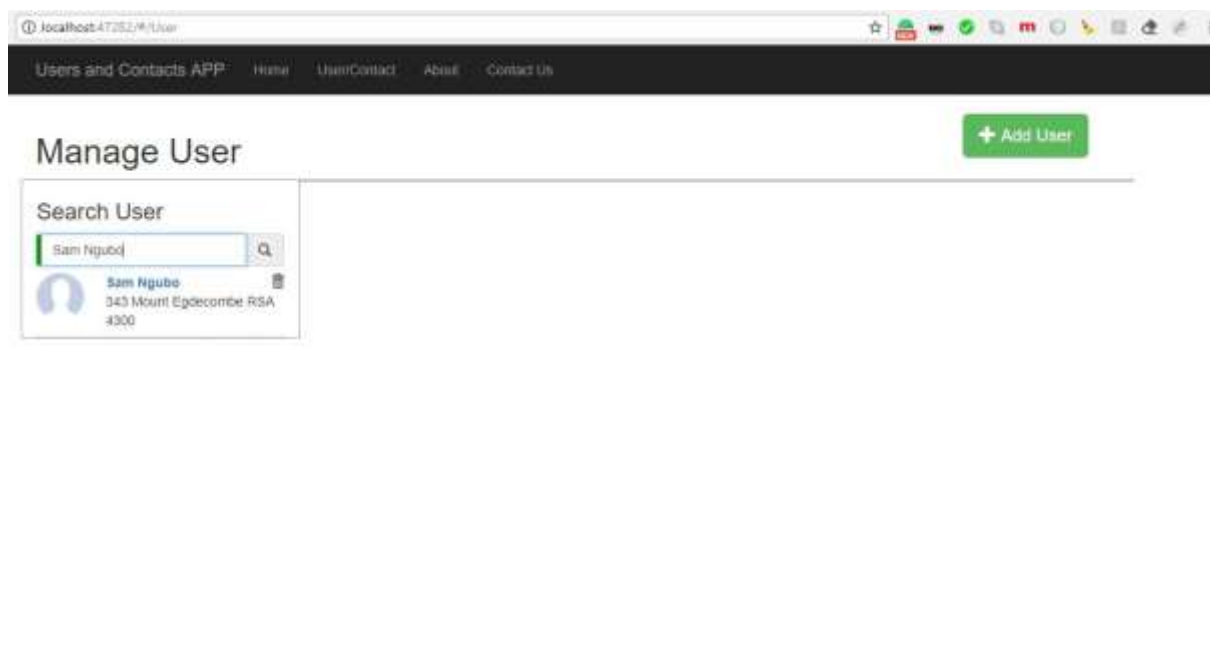
Solution:
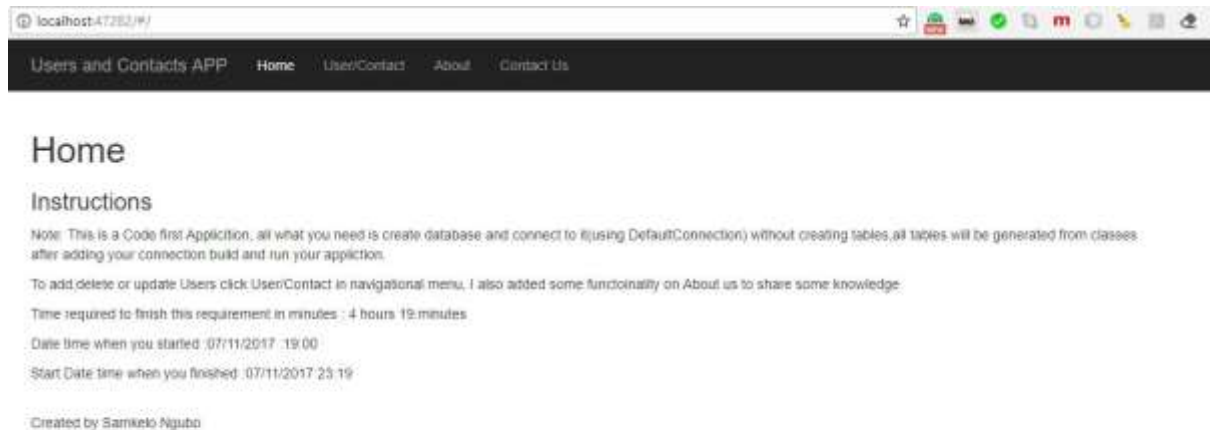
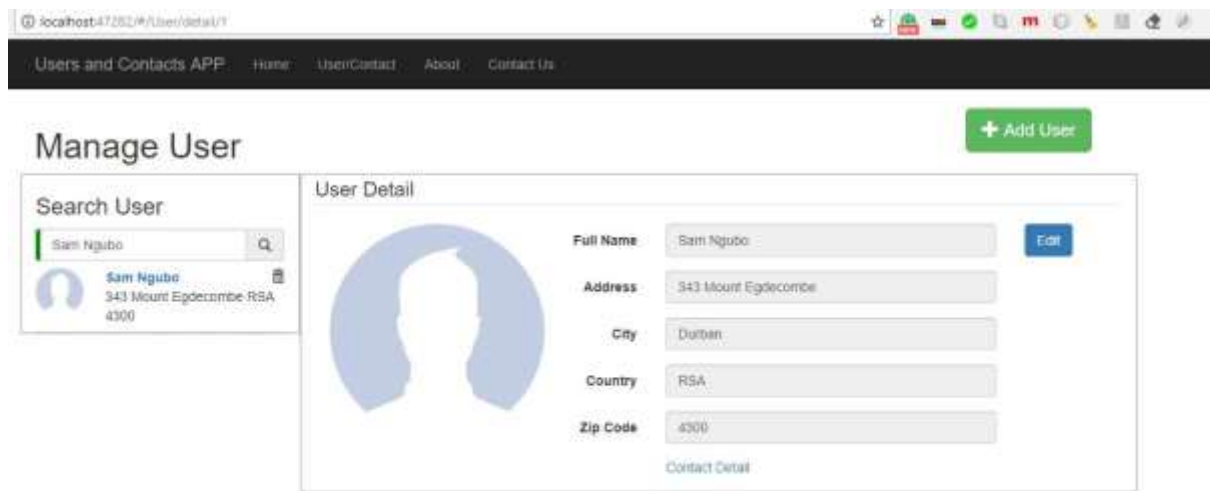## Home Page with some instructions
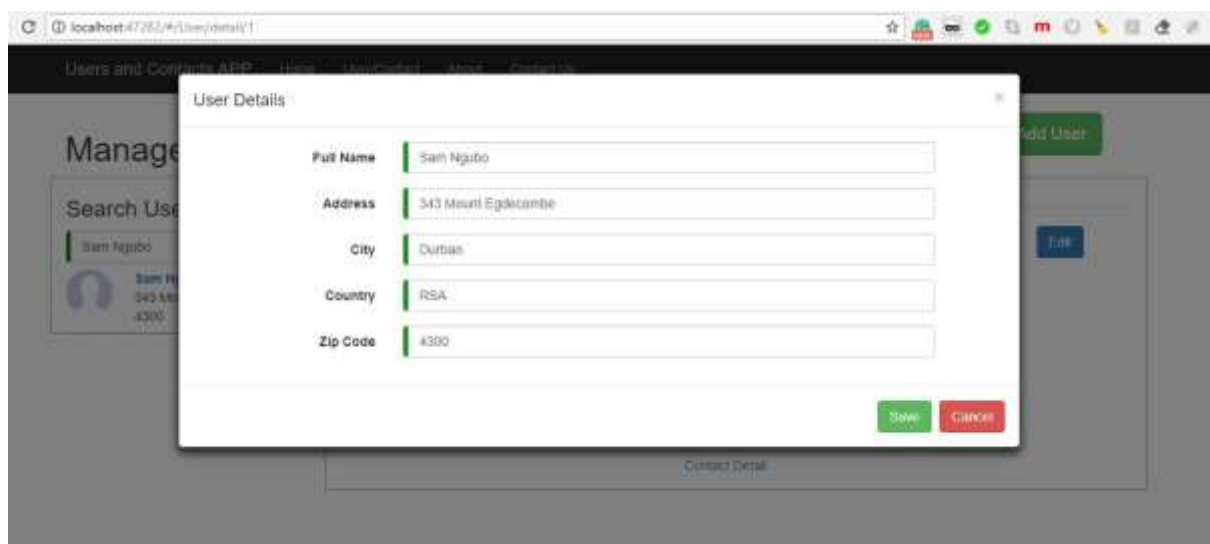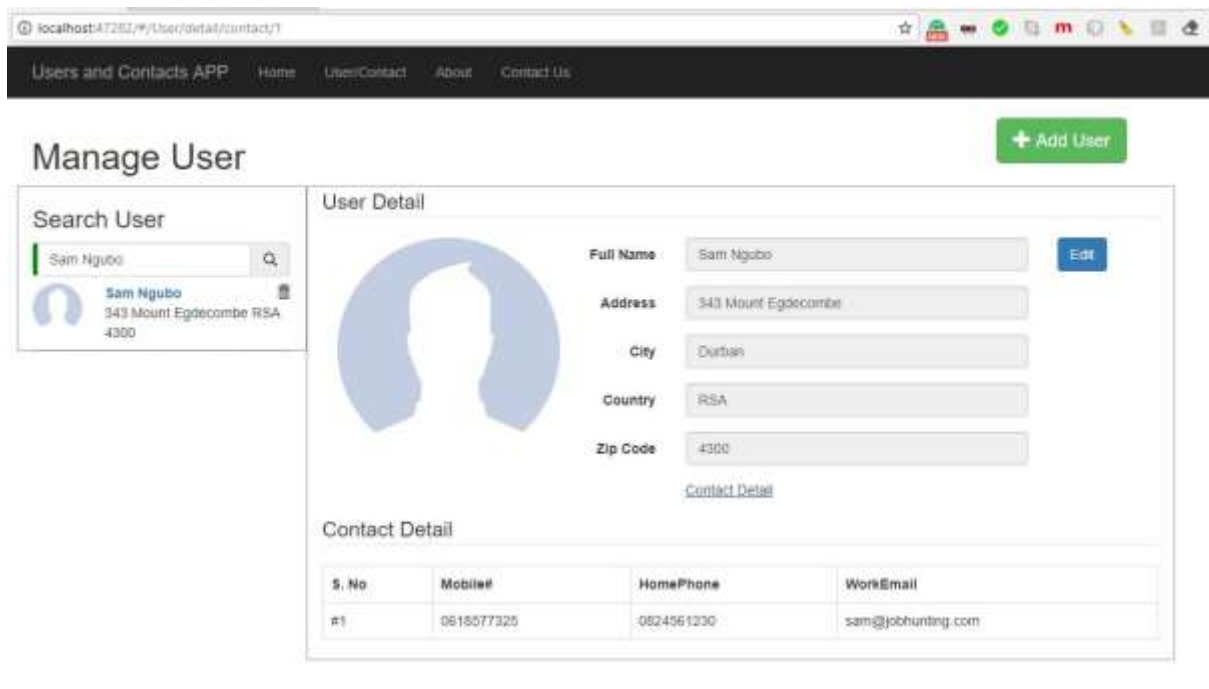

Manage User/Contact Page

Adding User/Contact

Search User

User and contacts details
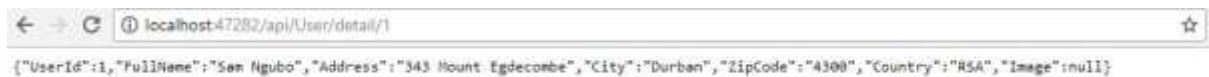
Edit User

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:
https://github.com/samkelo1/AngularjsWebAPI