

## 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.

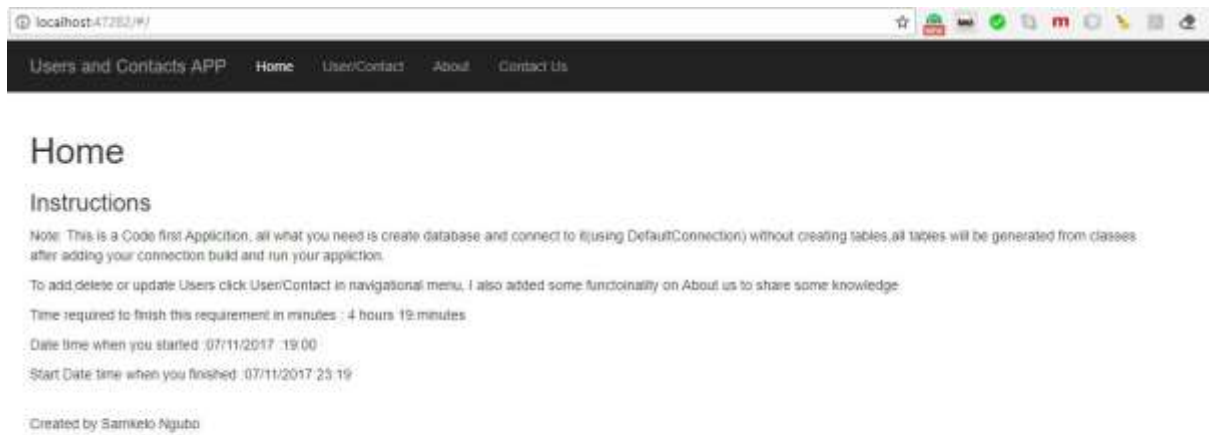
- Must be able to add a new contact.
- Must be able to edit an existing contact.
- Must be able to delete an existing contact.
- Must be able to add any number of phone numbers and email ids for each of the contact. Each of the different phone number/email must have a type attribute (like mobile, work phone, home phone, work email, personal email, etc.) to distinguish

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

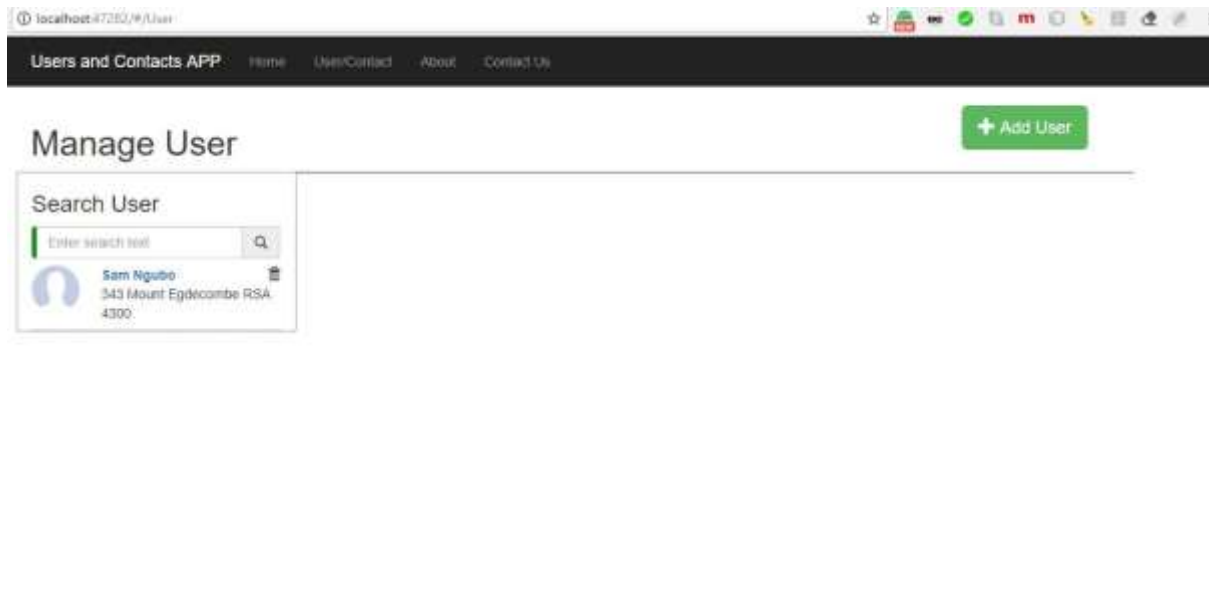
### Technical Requirements

- 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.

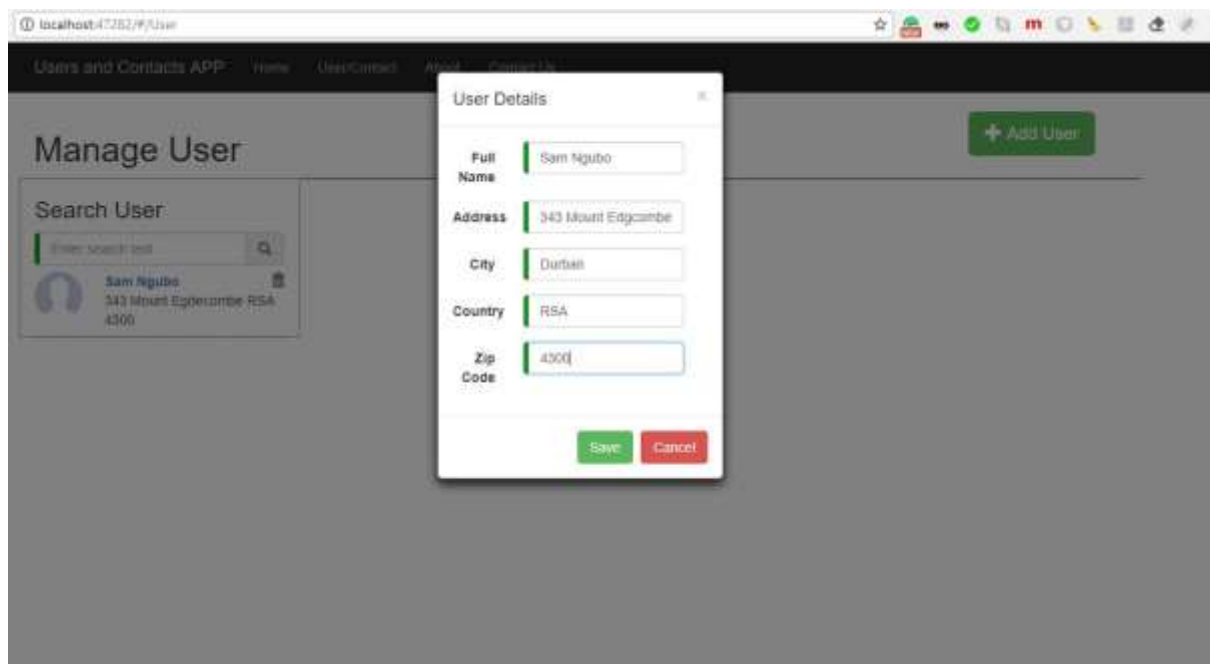
### Solution:



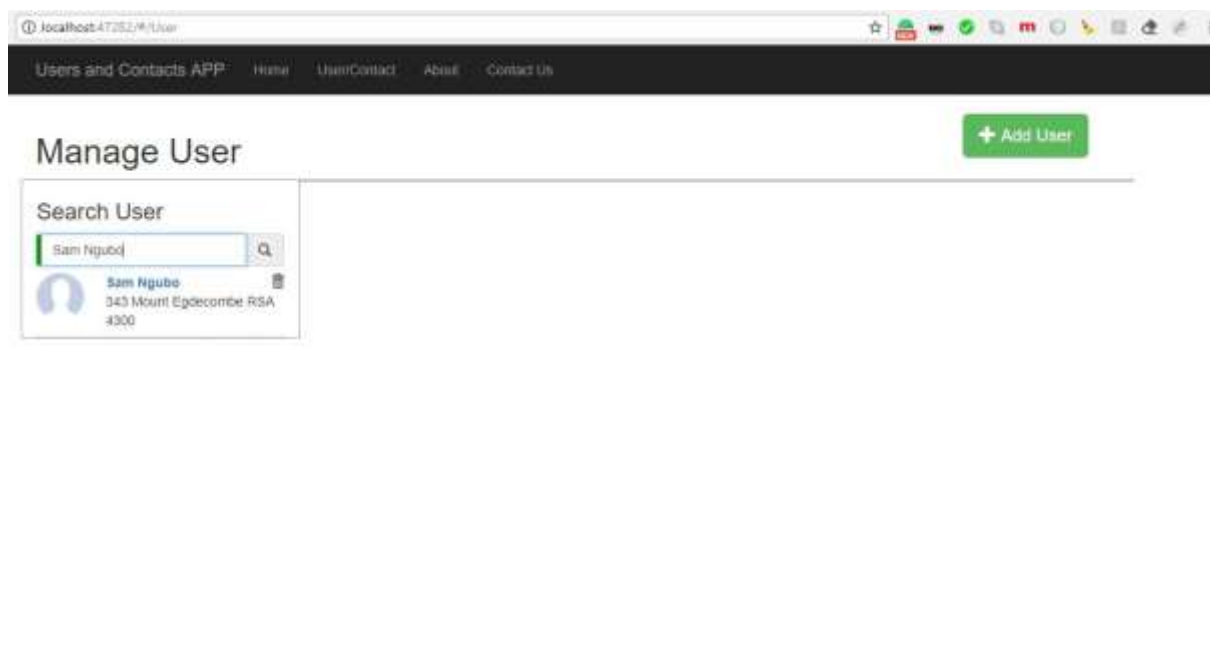
## Home Page with some instructions



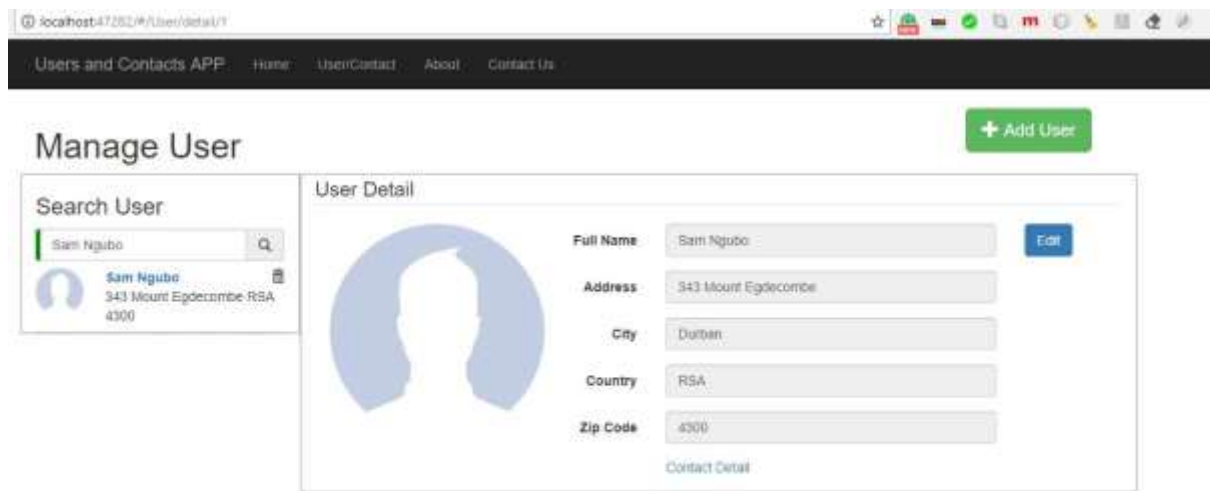
## Manage User/Contact Page



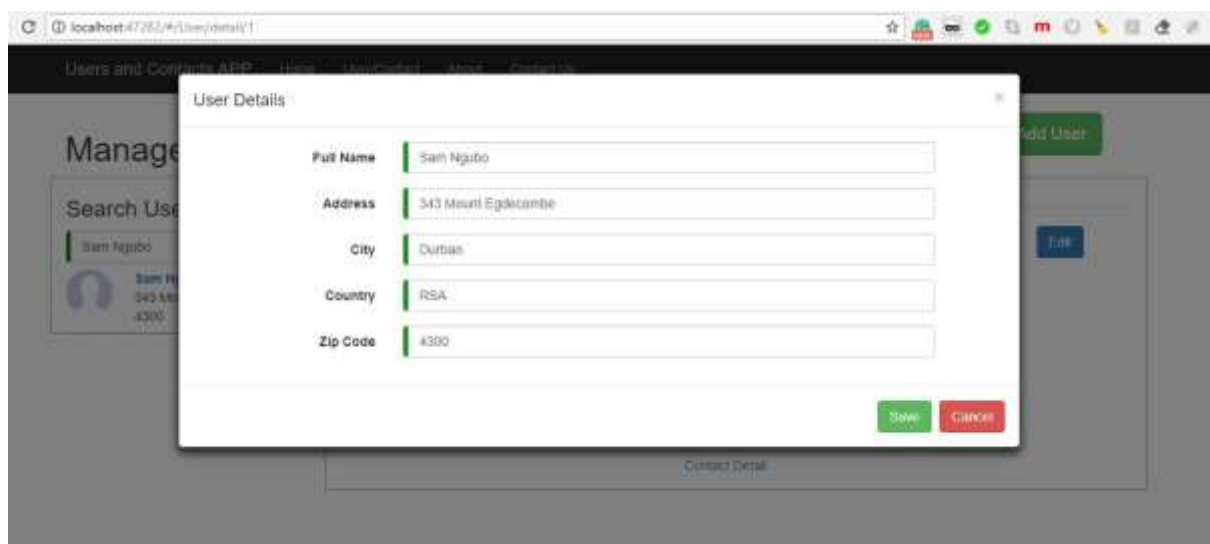
## Adding User/Contact



## Search User



## User and contacts details



## Edit User

The screenshot shows a web application titled "Users and Contacts APP" with a navigation bar containing "Home", "User/Contact", "About", and "Contact Us". The main content area is titled "Manage User" and features a green "+ Add User" button. On the left, there is a "Search User" section with a search bar containing "Sam Ngubo" and a list of search results. The main section displays "User Detail" for Sam Ngubo, including a profile picture, full name, address, city, country, and zip code. Below this is a "Contact Detail" section with a table of contact information.

S. No	Mobile#	HomePhone	WorkEmail
#1	0618577325	0824561230	sam@jobhunting.com

## User and Cotact details below

The screenshot shows a web browser displaying the JSON response from a web API. The response is a single object containing user and contact details.

```
{ "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>