Final Year Software Project Configuration File

Cab 9

Project Team

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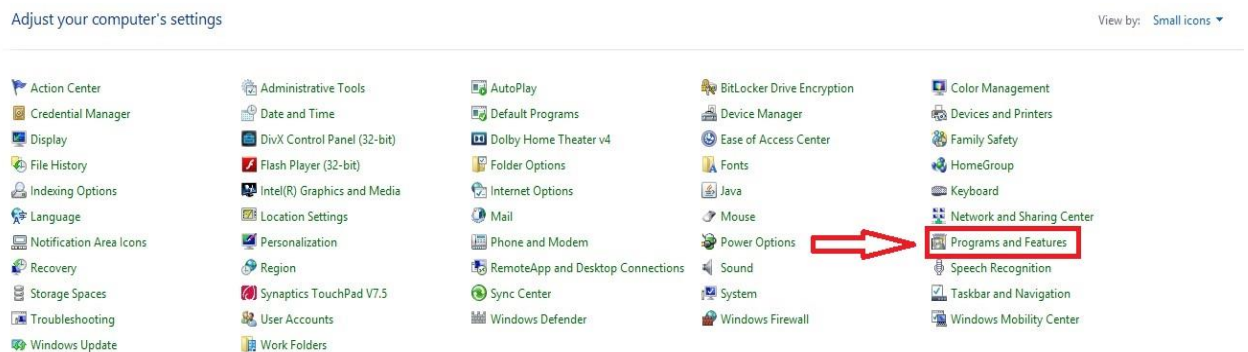
Islamabad, Pakistan

2013

System Requirements and Software Requirements:
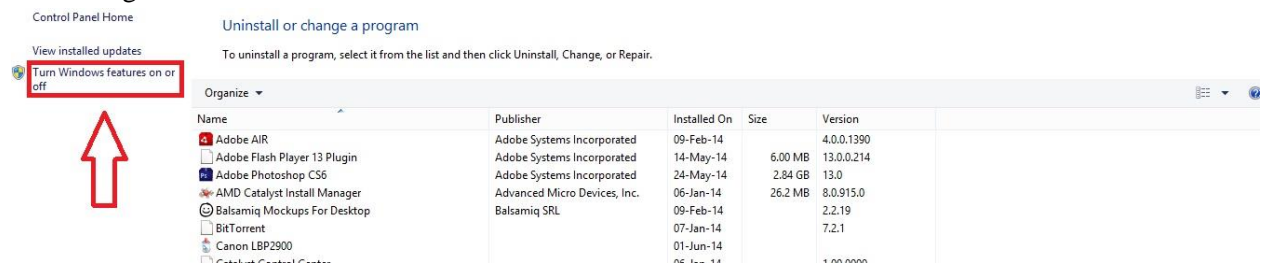
1) Virtualization for windows phone SDK.
2) Windows phone SDK.
3) Visual studio 2013.
4) Windows Phone 8 (Hardware)
5) SQL Server 2008 or higher with SSMS (SQL server Management Studio)
6) IIS 7 or higher. (Internet Information Services)
7) Windows 8 or higher Operating System.

Following are the steps in order to configure "Cab-9" on your machine:
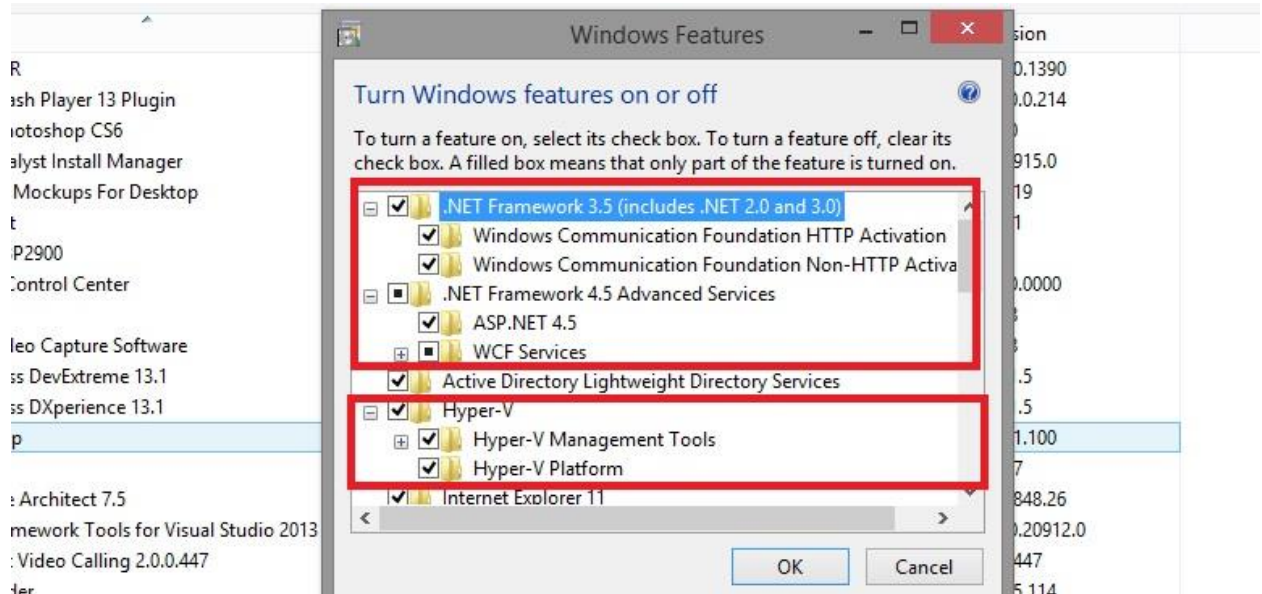
1) First you need to enable your machine for virtualization. This can be done by BIOS settings.
2) Enable Hyper-V from Control Panel. Open control panel then select program and features.

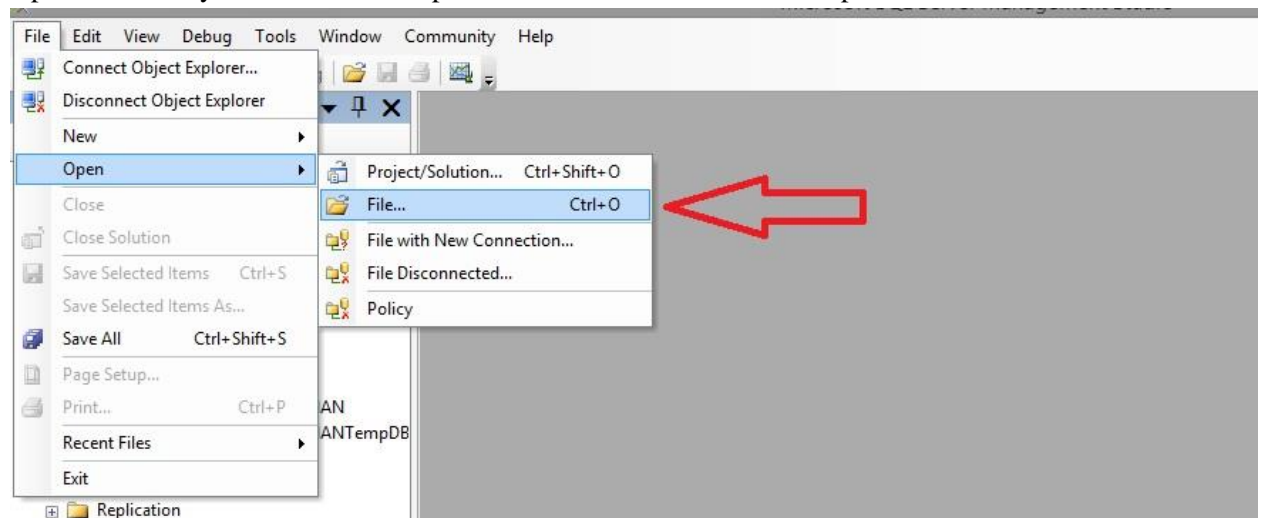From Program and features window select "Turn Windows Features on or Off"

Enable ".Net Framework 3.5", ".Net Framework 4.5 Advanced Services" and "Hyper-V" options and sub categories in them. This will require your machine to restart and its recommend that you should restart your machine after enabling these features.
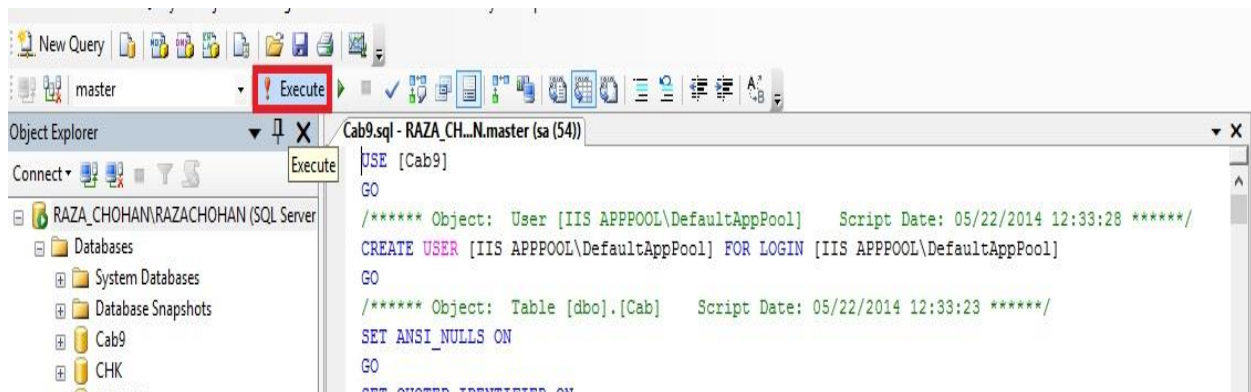

Note: If you are not able to find Hyper-V option then your machine does not supports virtualization.

3) Find "Cab9.sql" file in Database scripts folder. This file contains scripts of the database with some sample data.
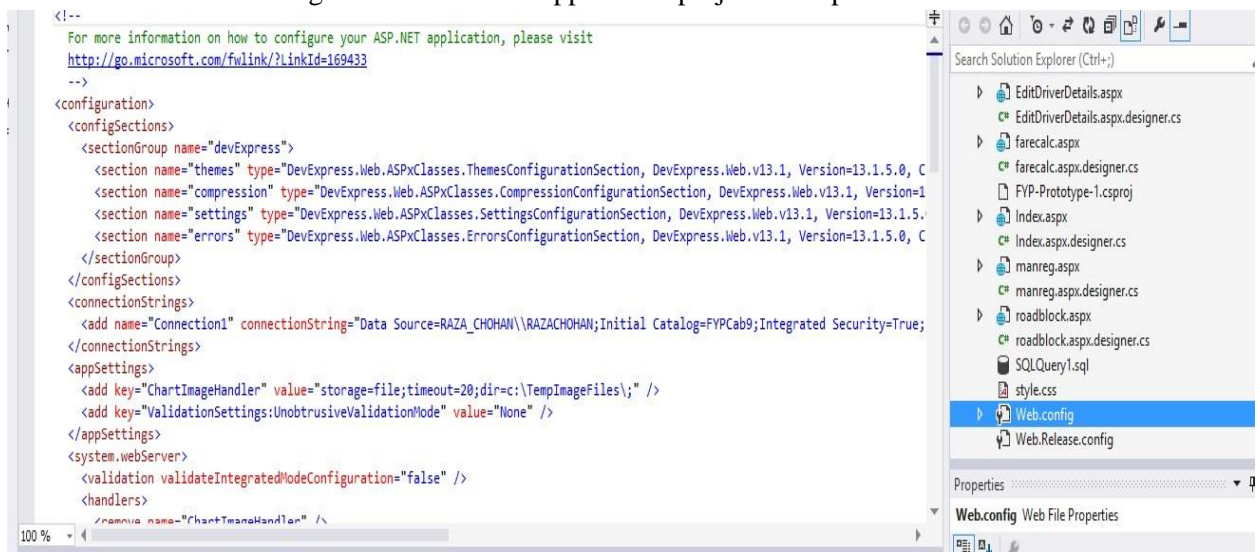Open SSMS on your machine and open above mentioned database scripts file.

Script file will open in SSMS window, now run this script by hitting the "Execute" button to create and populate database with sample data.
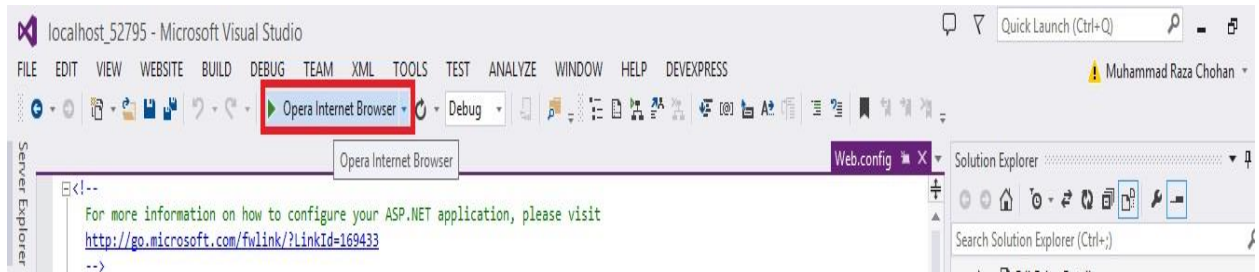
4) Now open "Visual studio 2013 or higher" and open Cab 9 web application from the resources folder. You must open visual studio on as an Administrator.

5) Now locate the web.config file from the web application project and open it

Replace the connection string with newly created database (Step 3) connection string.
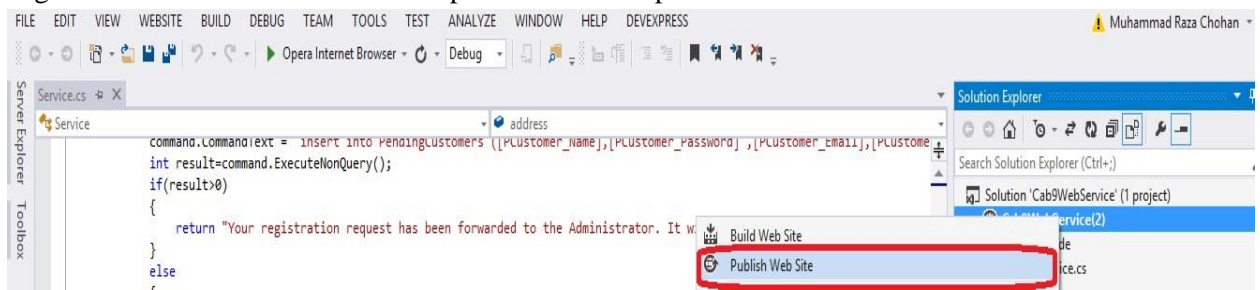
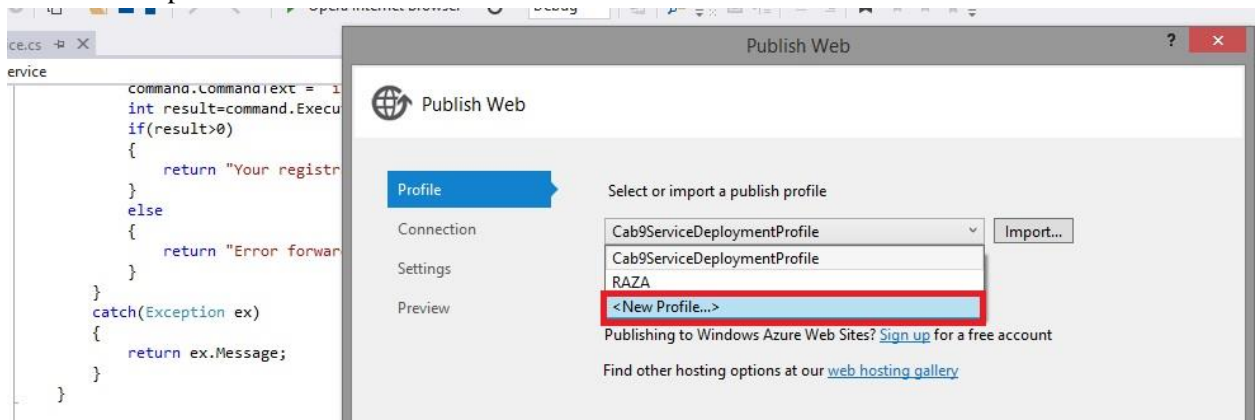6) Now execute the web application using any of the browser enlisted in visual studio.

7) Now open another instance/window of visual studio 2013 and open the "Cab9 Web Service" from the resources folder.
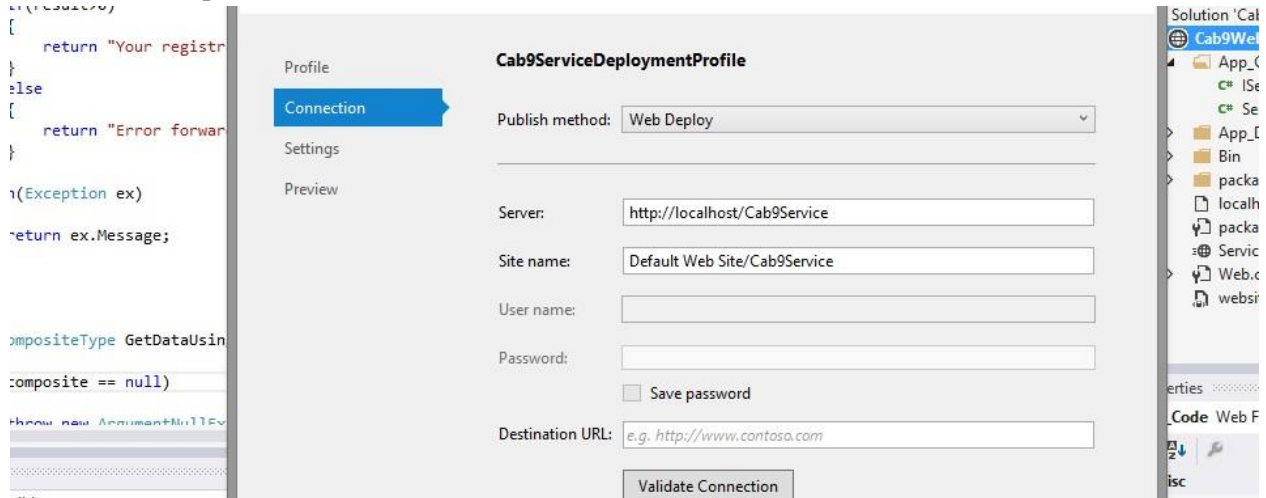
8) Right click on the solution and select publish website option.

Create a new profile in Publish website window
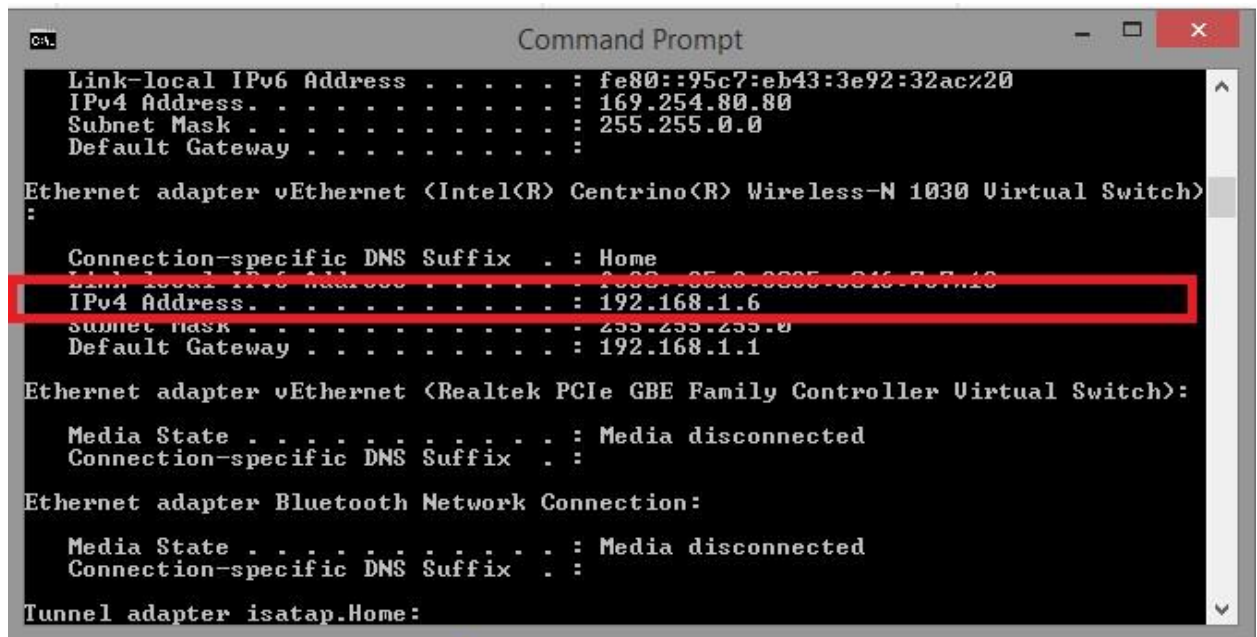
Now give the default location for the published folder of WCF service. The ideal location for your web service is in "intepub" folder and sub folder "wwwroot".

Now hit Publish Button and WCF service will start to publish on your localhost IIS.

9) Now open command prompt and run command "ipconfig". Following type of output should be displayed.

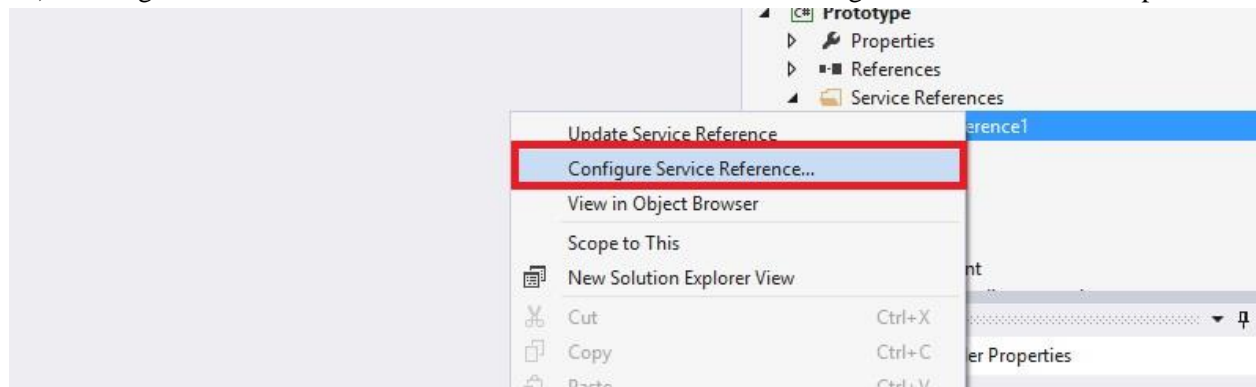
Note the IPv4 address from the above window from your command prompt.

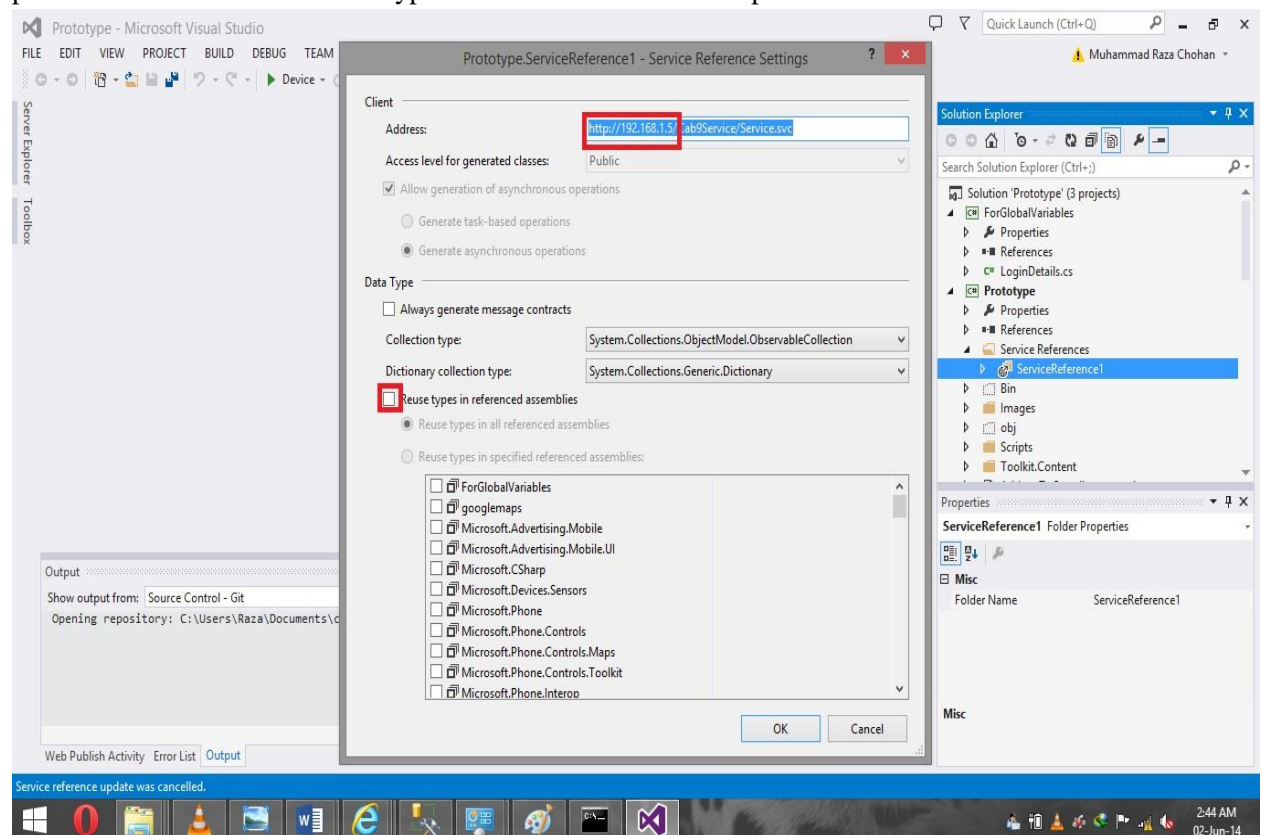10) Open another instance of Visual studio and open the mobile application from the resources folder.

11) Get your windows phone 8 and follow the guideline from the following link in order to unlock your phone for development purposes.

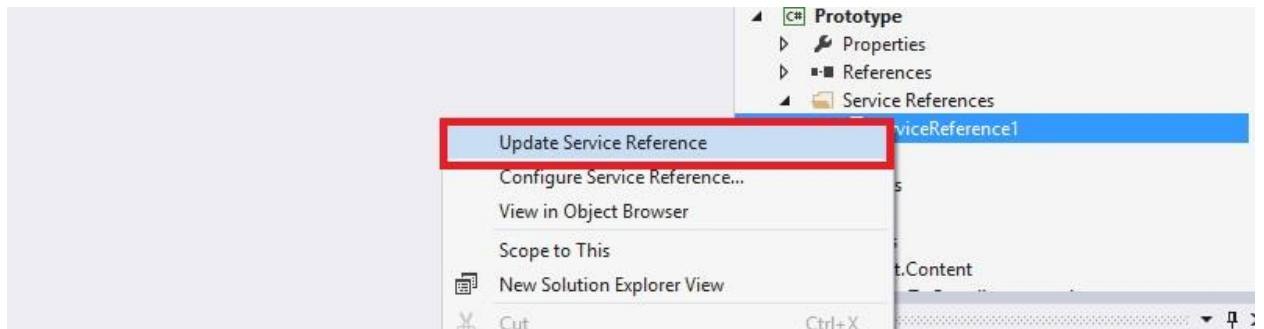http://msdn.microsoft.com/en-us/library/windowsphone/develop/ff769508(v=vs.105).aspx

12) Now right click on the "Service Reference 1" and click on the Configure Service Reference option.
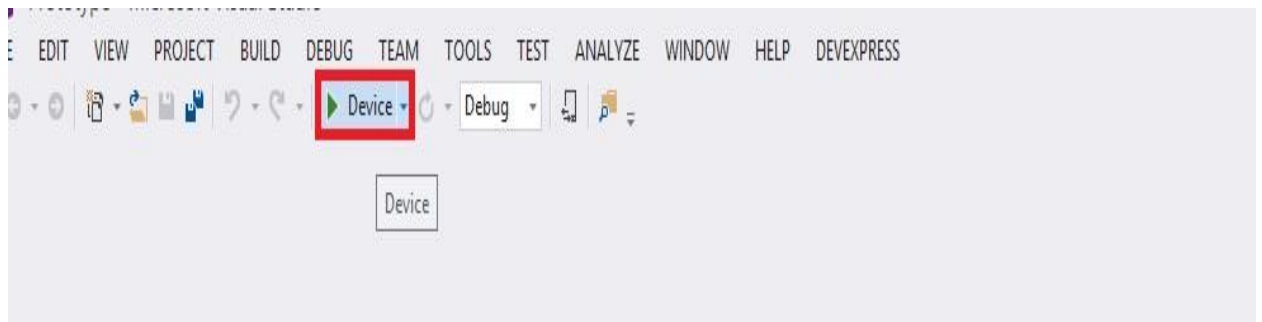

Now change the IPv4 address with your machine Ipv4 address but only change the highlighted portion. And uncheck the reuse types in reference assemblies option.

13) Now right click on the "Service Reference 1" and click on the update service reference option.

14) Now attach you windows phone with your machine via a usb cable and deploy this application on your phone.

The configuration is completed. Now you can use Cab-9 by following the Manuel.