



## Proposal to the Office of Systems Integration (OSI)

### Request for Information (RFI) #75001

#### For Agile Development Pre-Qualified (ADPQ) Vendor Pool

#### Installation Guide

June 9, 2016



*Strategy! Innovation! Transformation!*



## Revision History

Version	Date	Description of Updates	Author
1.0	06/08/2016	Created the Initial Version	xFusion

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# 1 Introduction

This manual gives you an introduction on how to install and set up the SafeKids application.

## 2 Install Software and Database

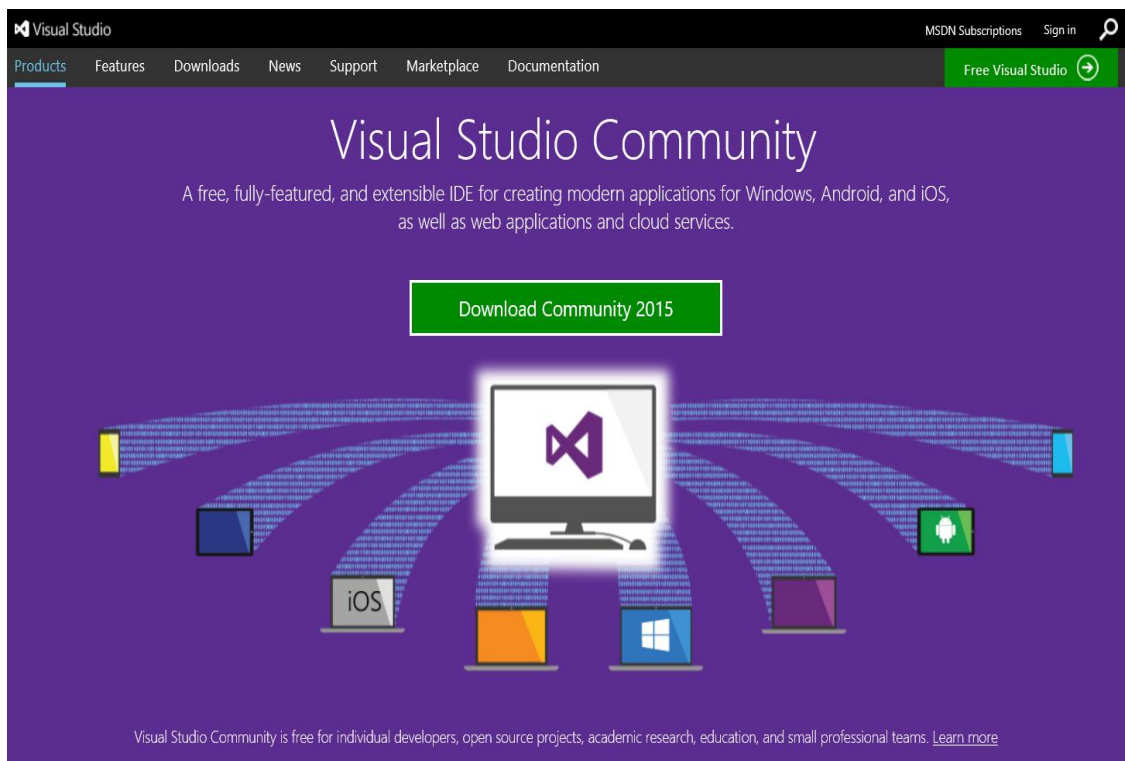
The software tools used by xFusion for SafeKids application are:

- Visual Studio Community 2015
- Microsoft SQL Server 2012 Express
- IIS7

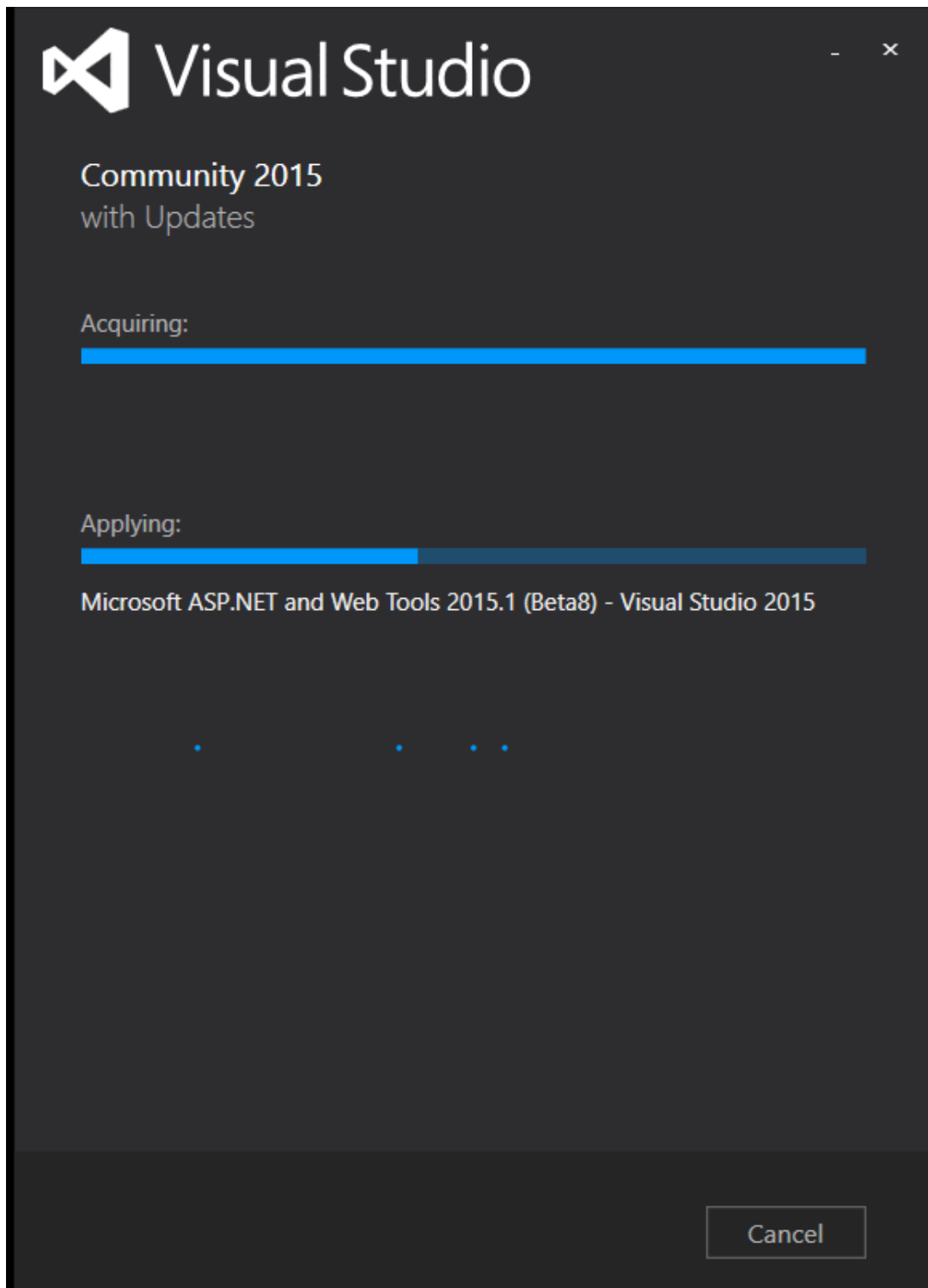
### 2.1 Visual Studio Community 2015

Download and Install the Visual Studio Community 2015 by clicking the following link:

<https://www.visualstudio.com/en-us/products/visual-studio-community-vs.aspx>



*Figure 2-1 – Visual Studio Community*



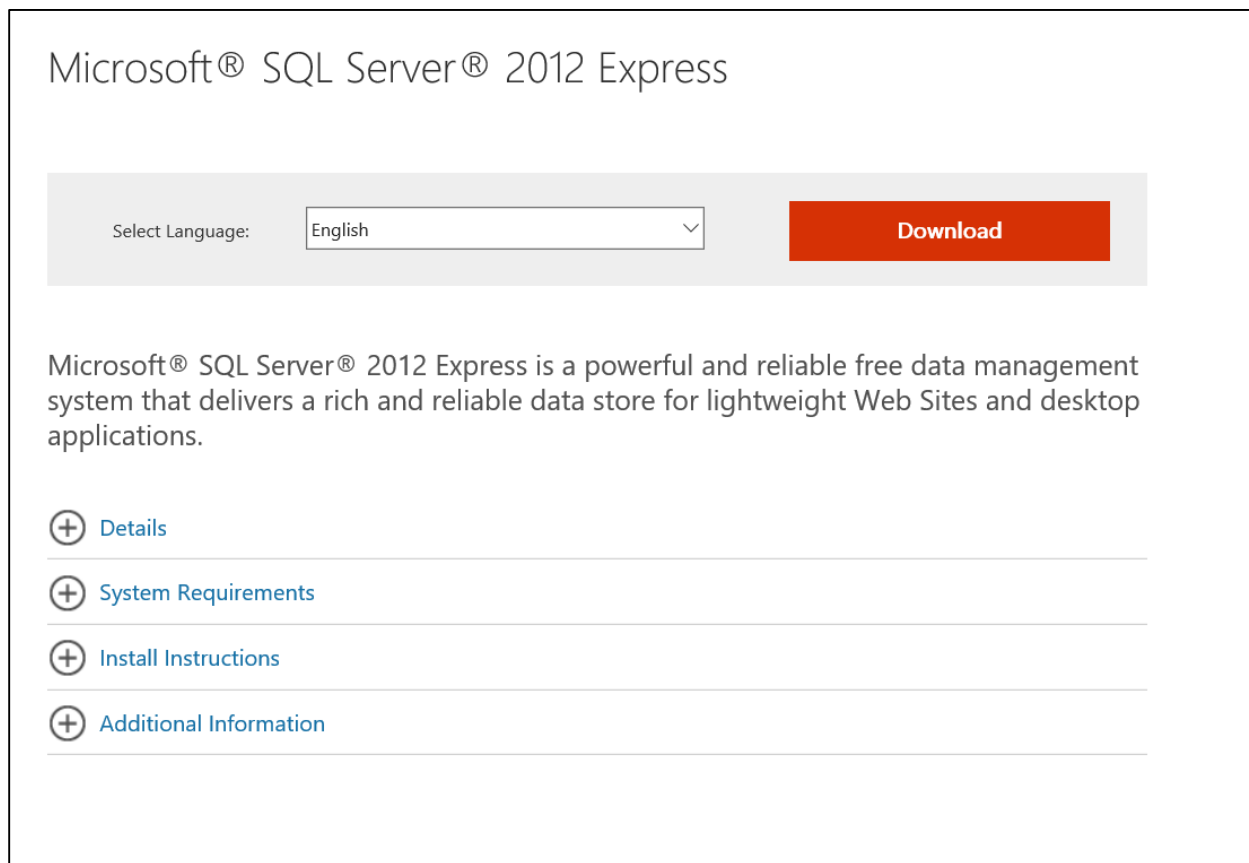
*Figure 2-2 – Downloading Visual Studio Community*



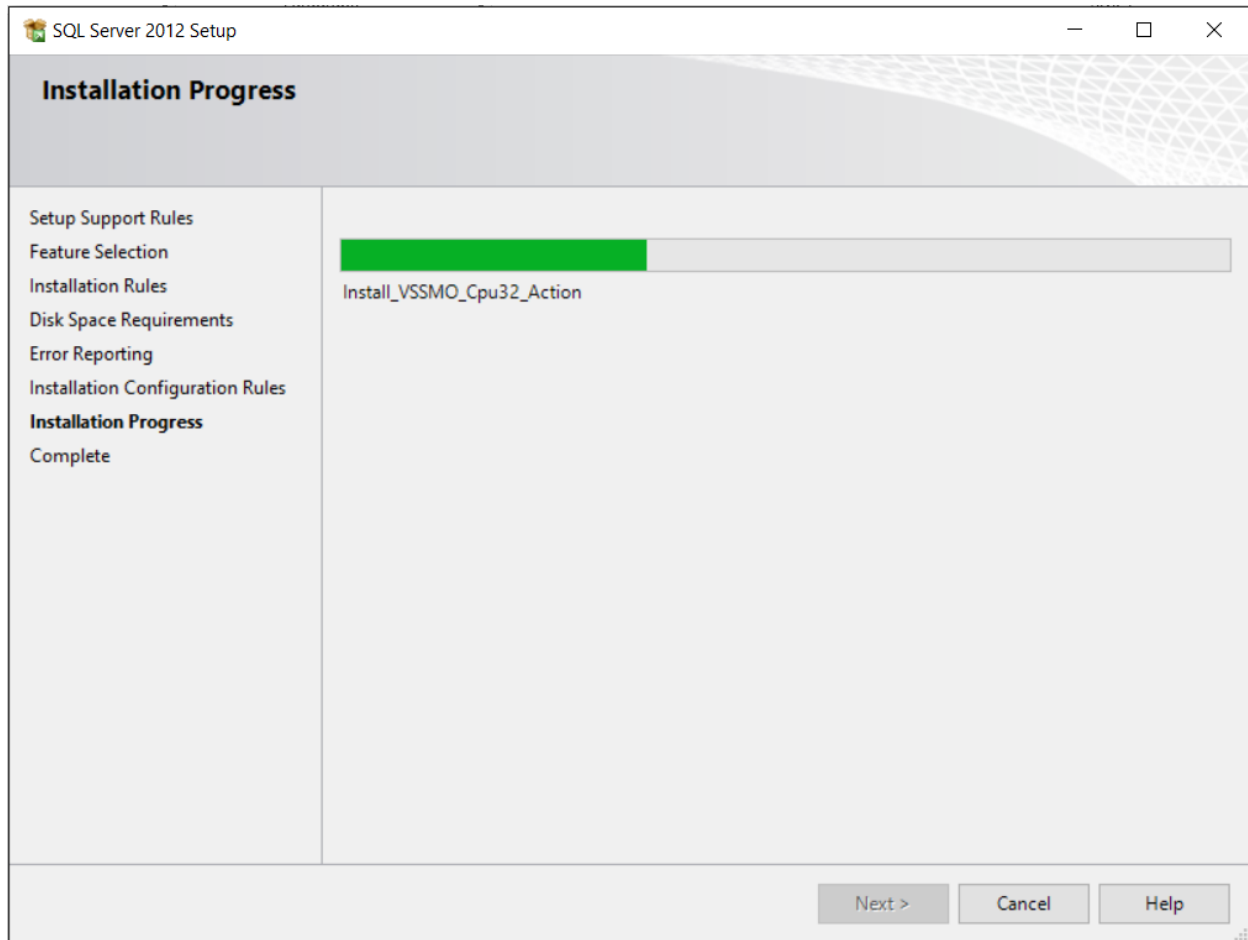
## 2.2 Microsoft SQL Server 2012 Express

Download and Install the Microsoft SQL Server 2012 Express by clicking the following link:

<https://www.microsoft.com/en-us/download/details.aspx?id=29062>



*Figure 2-3 – Microsoft SQL Server 2012 Express*



*Figure 2-4 – Downloading Microsoft SQL Server 2012 Express*

## 3 Set up Database

After installing the Microsoft SQL Server 2012 Express, connect the SQL Server to local host. The SQL Server should be started and running.

- Default Instance Name : **localhost\SQLEXPRESS**
- Create Database Name : **ADPQ**

Download the source code under SRC directory in GitHub.

Run the script.sql from the source code to create the tables, primary keys, and their relationships in ADPQ Database.

## 4 Set up Application

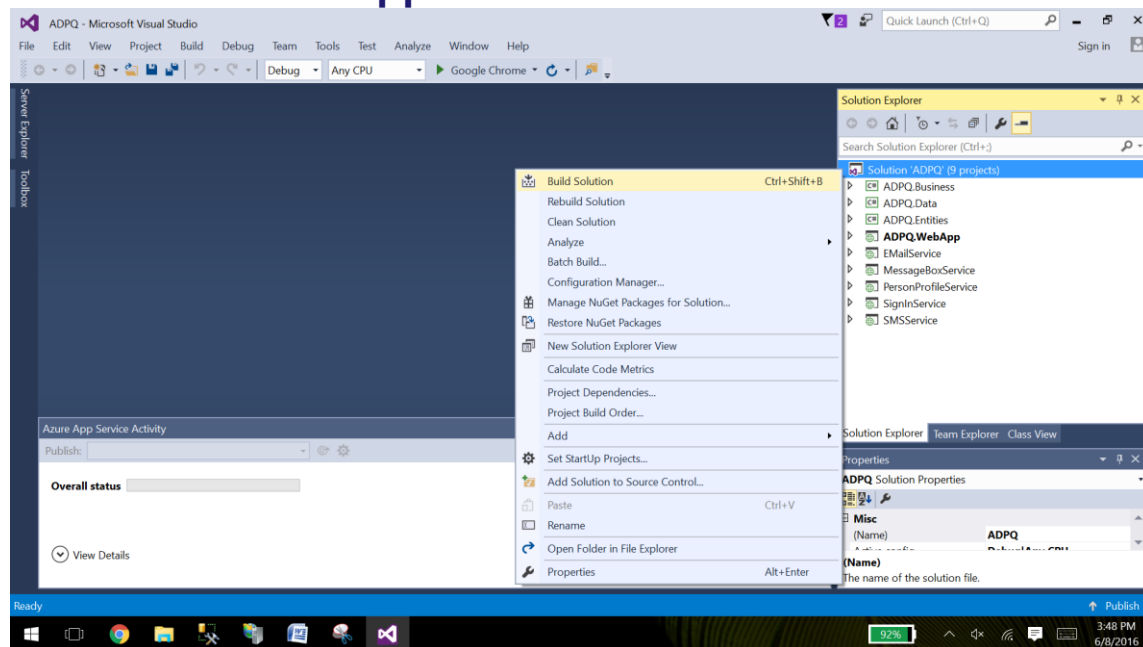
After installing the Visual Studio Community 2015, start the Microsoft Visual Studio Solution and open the file ADPQ from the source code. Download the source code under SRC directory in GitHub.

### 4.1 Open Visual Studio File Solution (ADPQ.sln)

Name	Date modified	Type	Size
.vs	6/8/2016 6:09 PM	File folder	
ADPQ.Business	6/8/2016 6:09 PM	File folder	
ADPQ.Data	6/8/2016 6:09 PM	File folder	
ADPQ.Entities	6/8/2016 6:09 PM	File folder	
ADPQ.WebApp	6/8/2016 6:09 PM	File folder	
EMailService	6/8/2016 6:09 PM	File folder	
MessageBoxService	6/8/2016 6:09 PM	File folder	
packages	6/8/2016 6:10 PM	File folder	
PersonProfileService	6/8/2016 6:10 PM	File folder	
SignInService	6/8/2016 6:10 PM	File folder	
SMSService	6/8/2016 6:10 PM	File folder	
ADPQ	6/8/2016 11:45 AM	Microsoft Visual Studio Solution	5 KB

*Figure 4-1 – Open Visual Studio File*

## 4.2 Build SafeKids Application and Services



*Figure 4-2 – Build Solution*

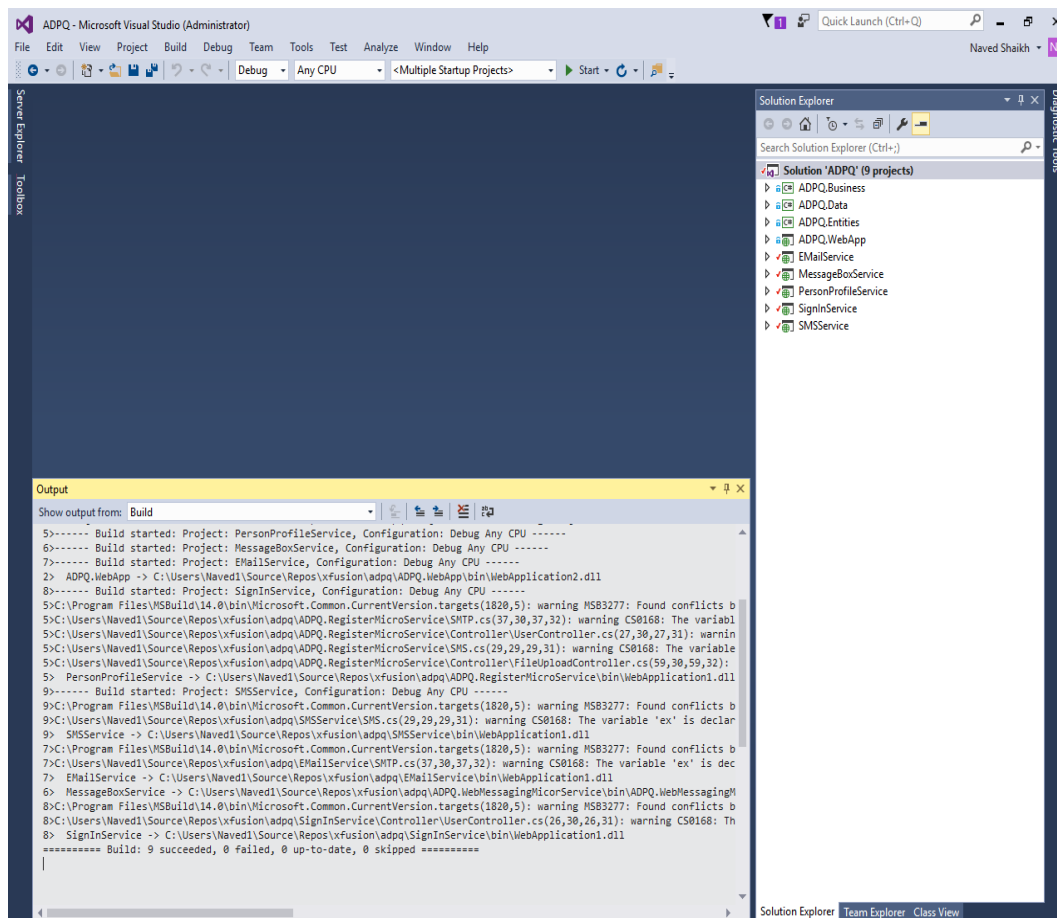
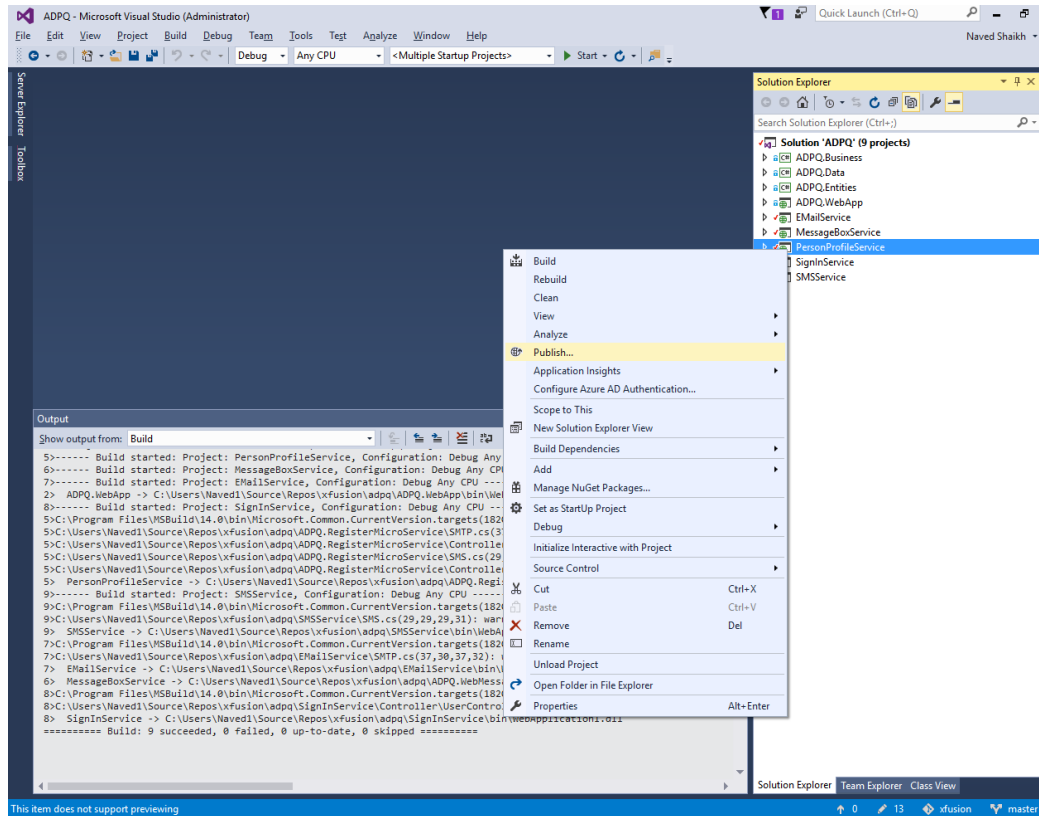
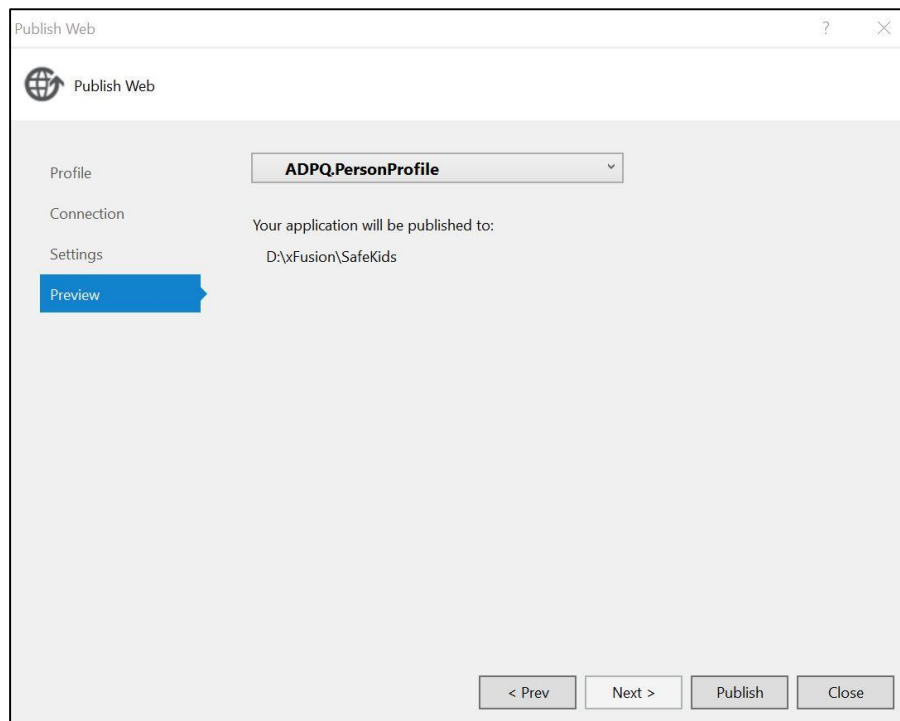


Figure 4-3 – Build Solution 2

## 4.3 Publish PersonProfileService

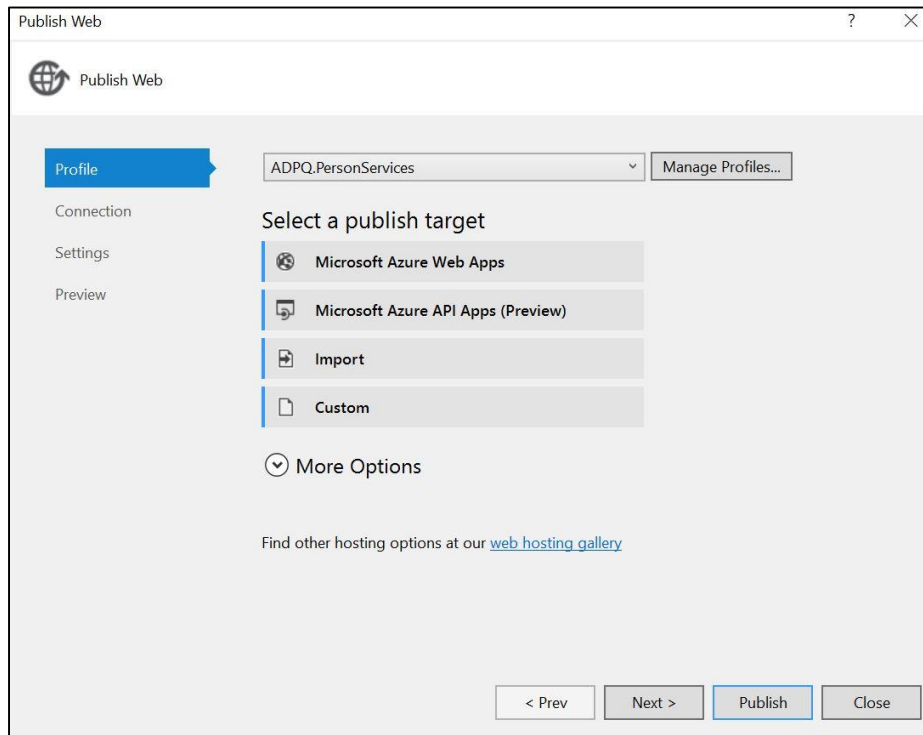


**Figure 4-4 – Click Publish**



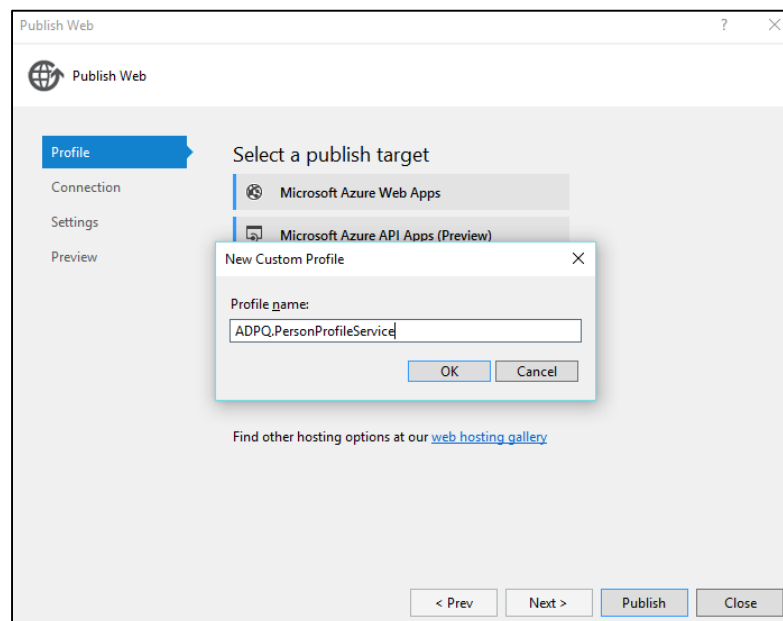
**Figure 4-5 – Click Publish**

## 4.4 Select Profile



*Figure 4-6 – Publish Web*

1. Select Custom
2. Type the Profile name in the New Custom Profile box and then click ok.



*Figure 4-7 – ADPQ.PersonServices*



3. A new Pop up Window will Appear

**Publish Web**

Profile  
Connection  
Settings  
Preview

**ADPQ.PersonServices \***

Publish method: Web Deploy

Server: e.g. server.contoso.com

Site name: e.g. www.contoso.com or Default Web Site/MyApp

User name:

Password:

☐ Save password

Destination URL: e.g. http://www.contoso.com

Validate Connection

< Prev Next > Publish Close

Figure 4-8 – ADPQ.PersonServices

4. Select Publish Method as 'File System' and browse the Target Location.

**Publish Web**

Profile  
Connection  
Settings  
Preview

**ADPQ.PersonProfileService \***

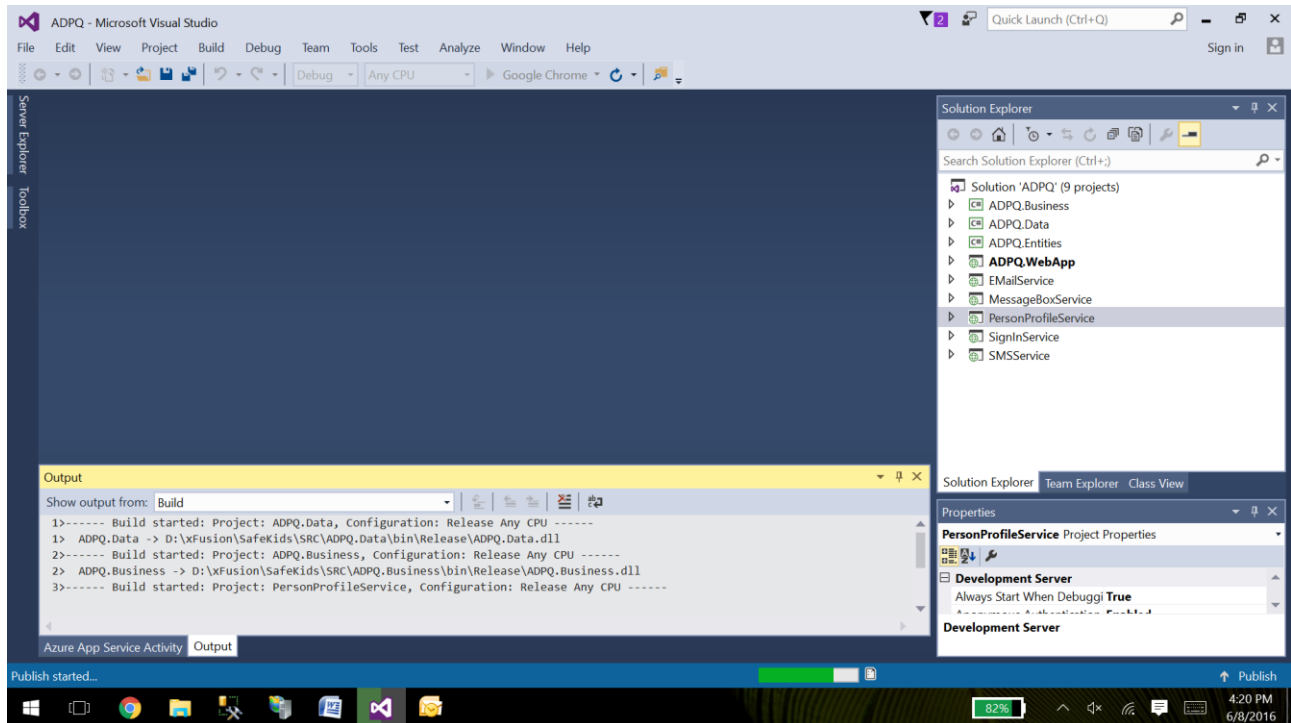
Publish method: File System

Target location: D:\Publish\ProfileService

< Prev Next > Publish Close

Figure 4-9 – ADPQ.PersonProfileServices

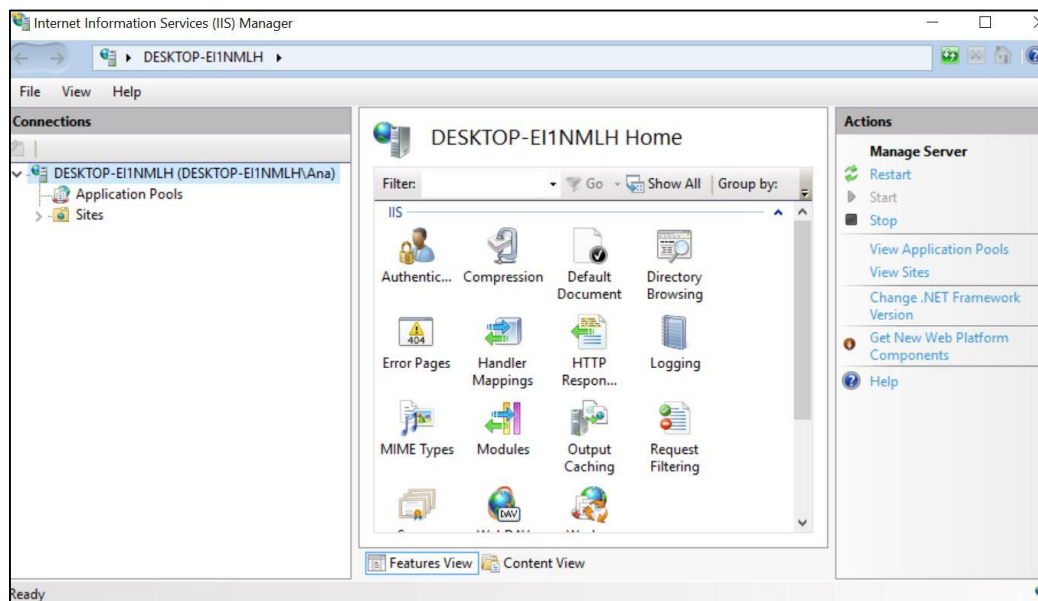
5. Click on publish



**Figure 4-10 – Publish - ADPQ.PersonProfileServices**

[Note: Repeat to publish other projects (SigninService, SMSService, MessageBoxService, EMailService)]

## 6. Open IIS (Internet Information Services)



**Figure 4-11 – IIS (Internet Information Services)**

7. Add Application Pool.

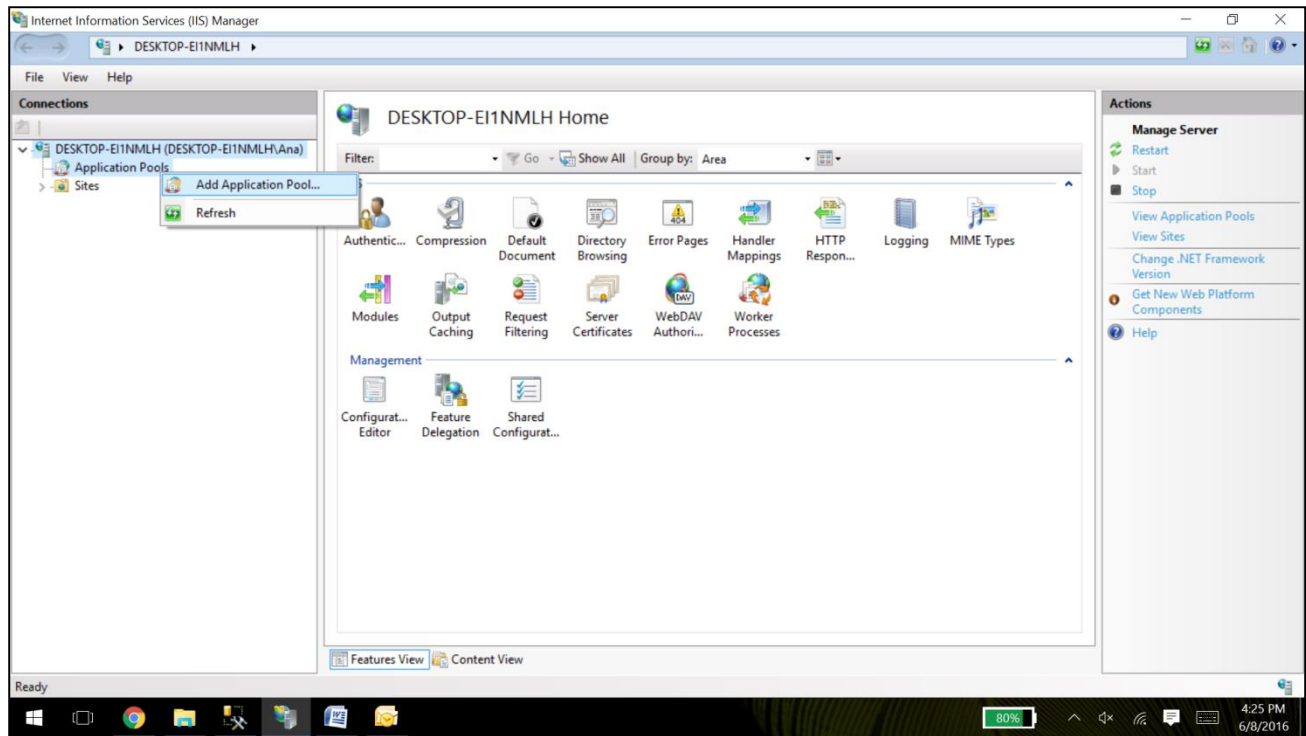


Figure 4-12 – Add Application Pool

8. Type the Application Pool Name in the Name field and then click OK.

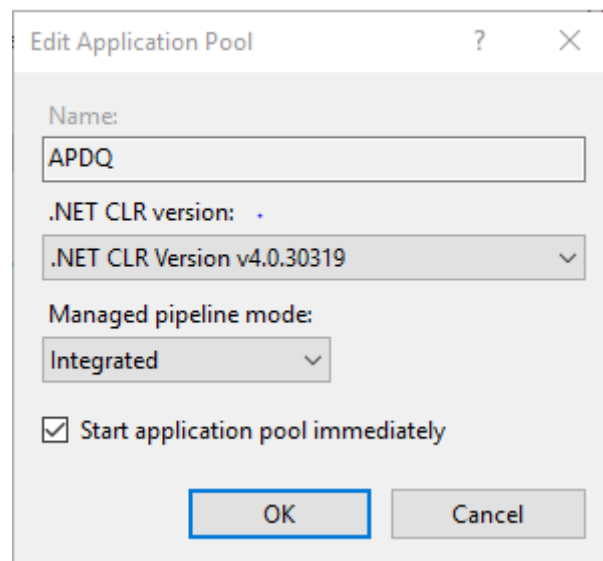
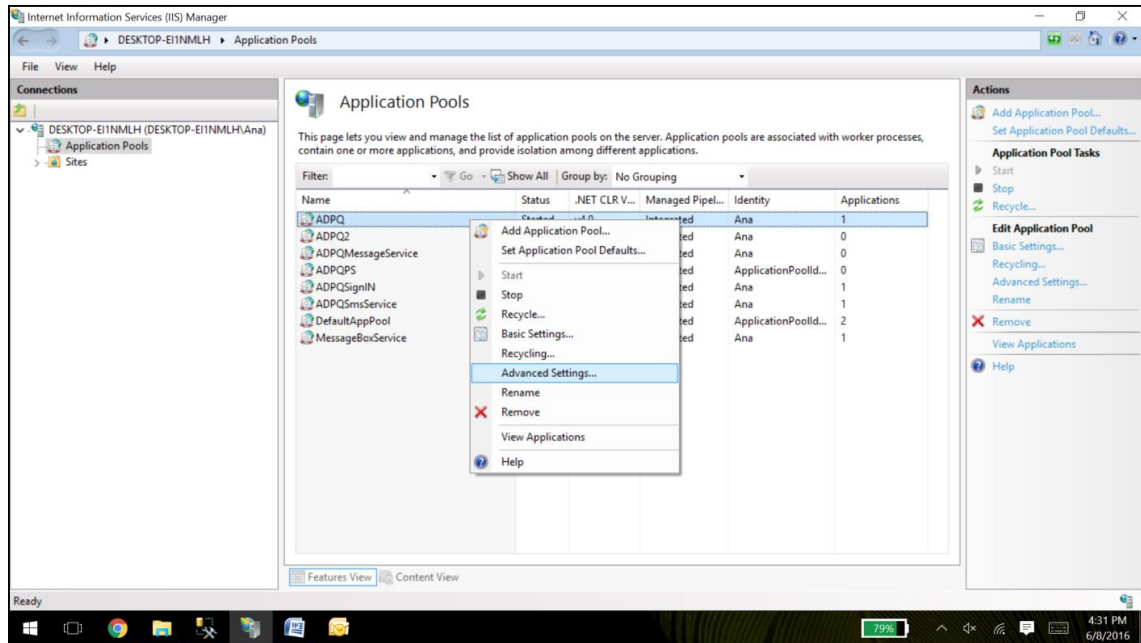


Figure 4-13 – Application Pool Name

9. You will need to set Identity in order to access the database, as SQL service access is through windows authentication.

Go to Application pool >> Select ADPQ app pool >> right click >> Advanced Settings.



*Figure 4-14 – Application Pools*

10. Select the Identity .

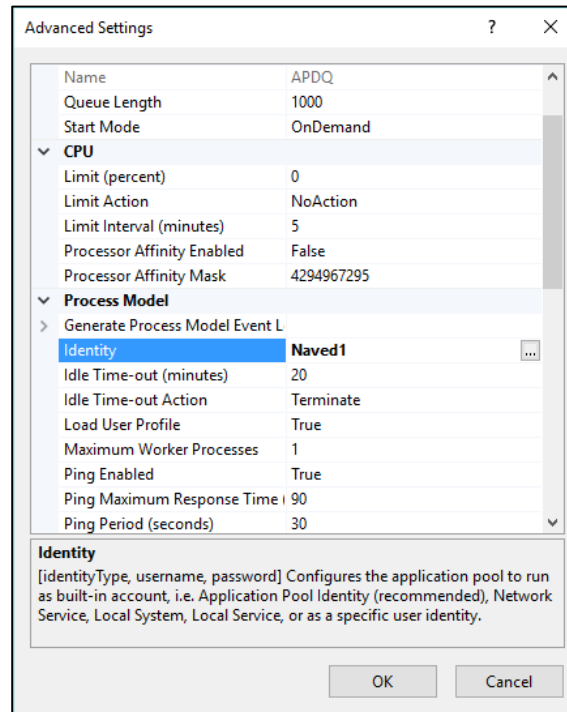


Figure 4-15 – Advance Settings – Identity

11. If you browse the Name, a new Application Pool Identity pop up window will appear.
12. Select the Custom Account and click on 'Set'.

13. A new Set Credential Pop up window will appear.

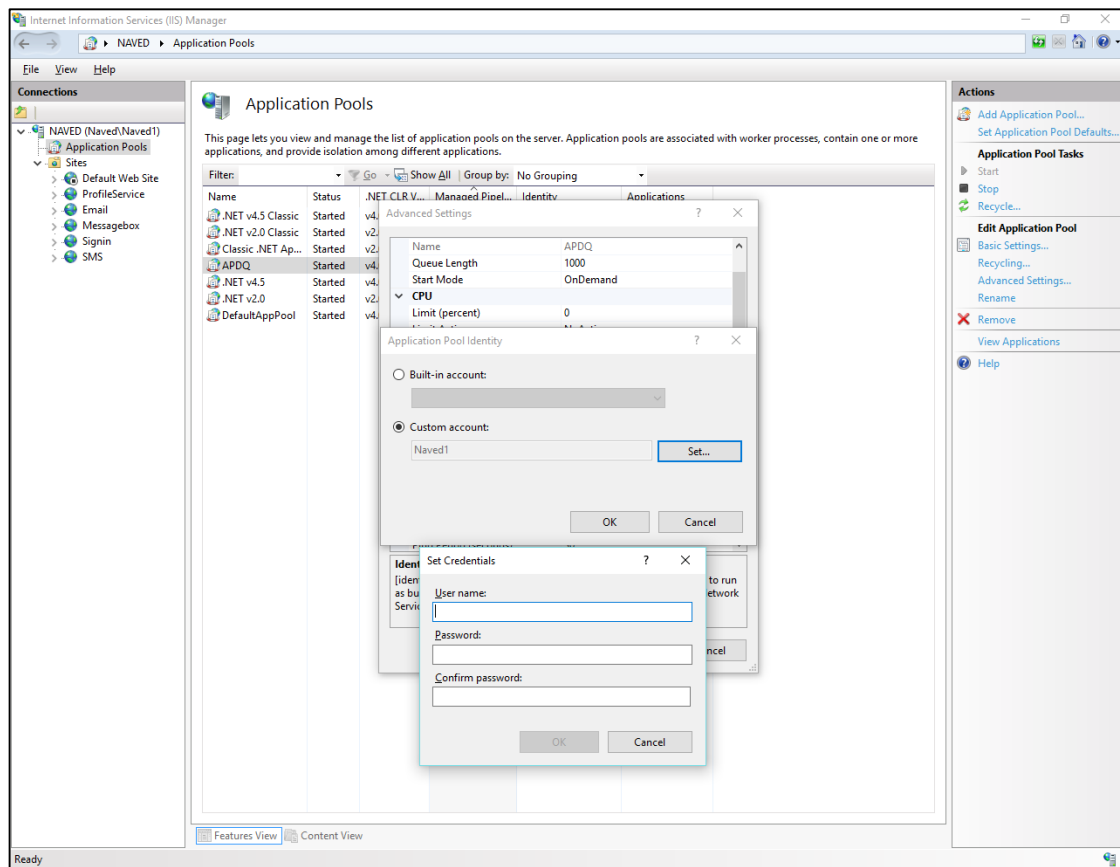


Figure 4-16 – Application Pool Identity – Set Credentials

14. Enter UserName and Password for windows authentication

## 15. Add Website

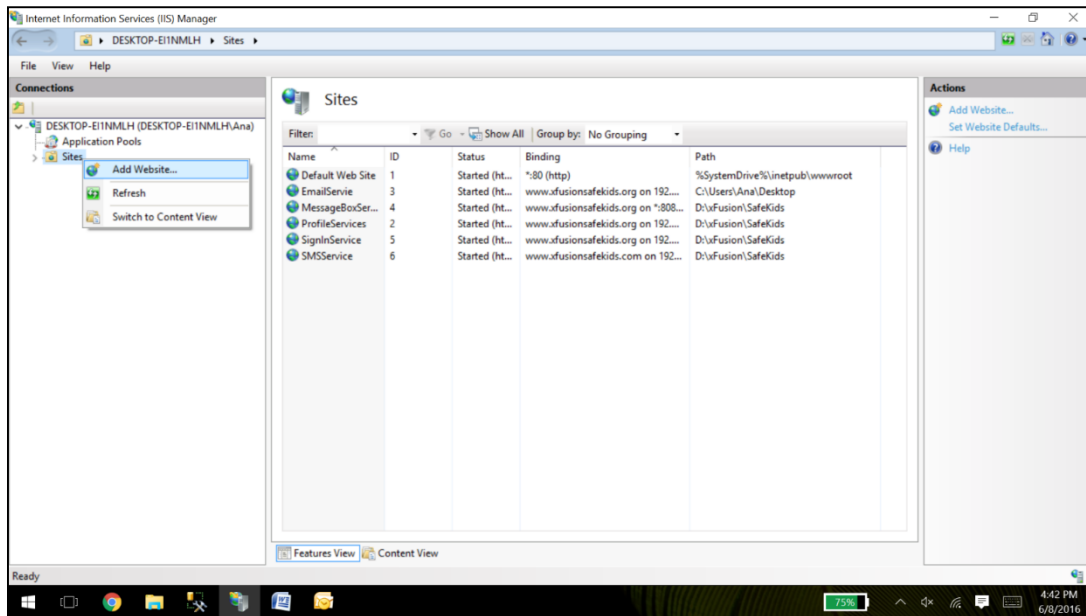


Figure 4-17 – Sites

## 16. A new Pop up window will appear

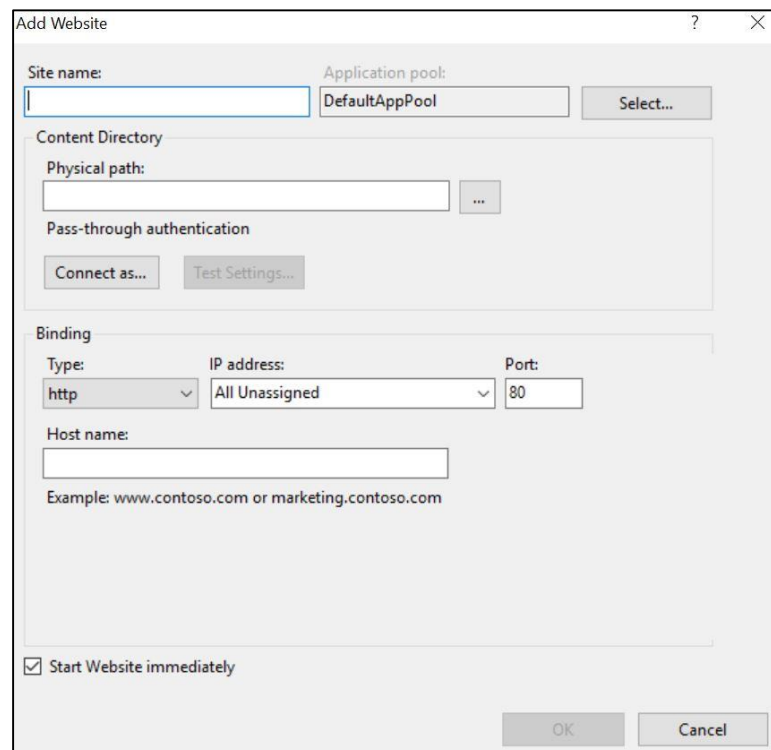


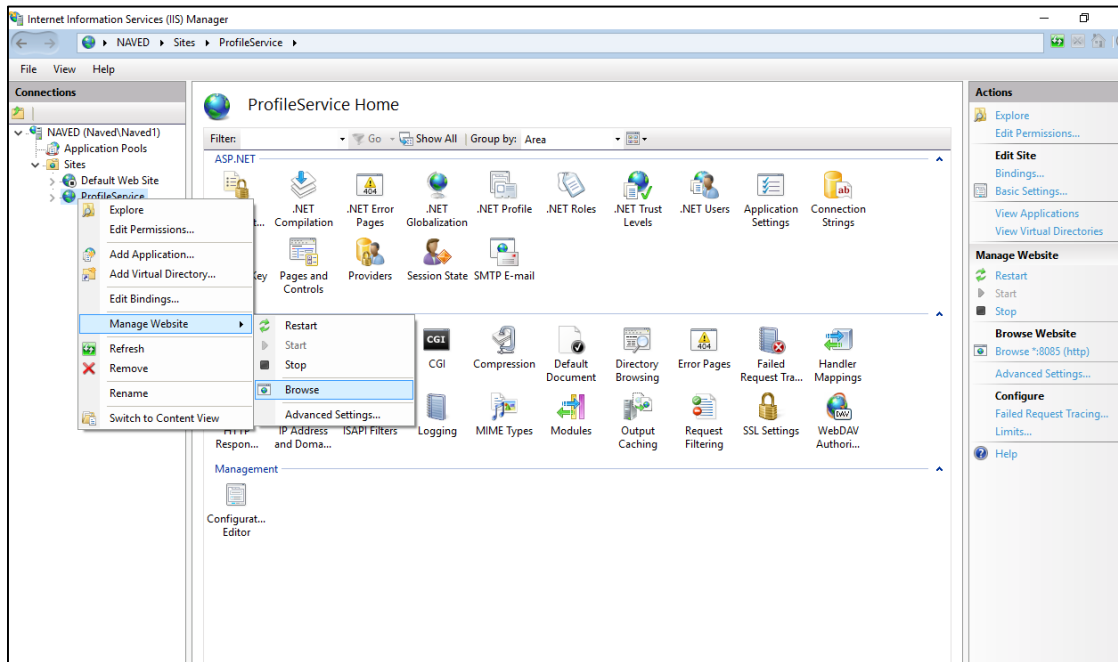
Figure 4-18 – Add Website

17. Type in the Site Name, Port Number, Host Name and Select the Physical path and Appropriate Application Pool Name (Same Name as in Step 11) and click OK.

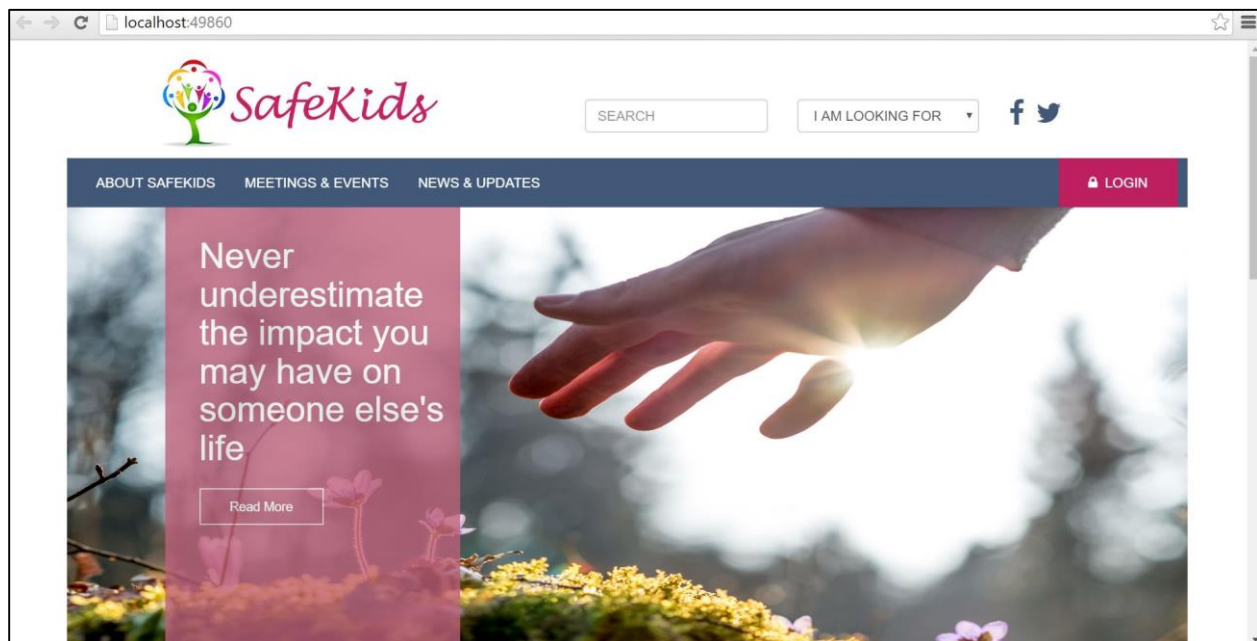
*Figure 4-19 – Add Website Settings*

18. Browse the Website and check

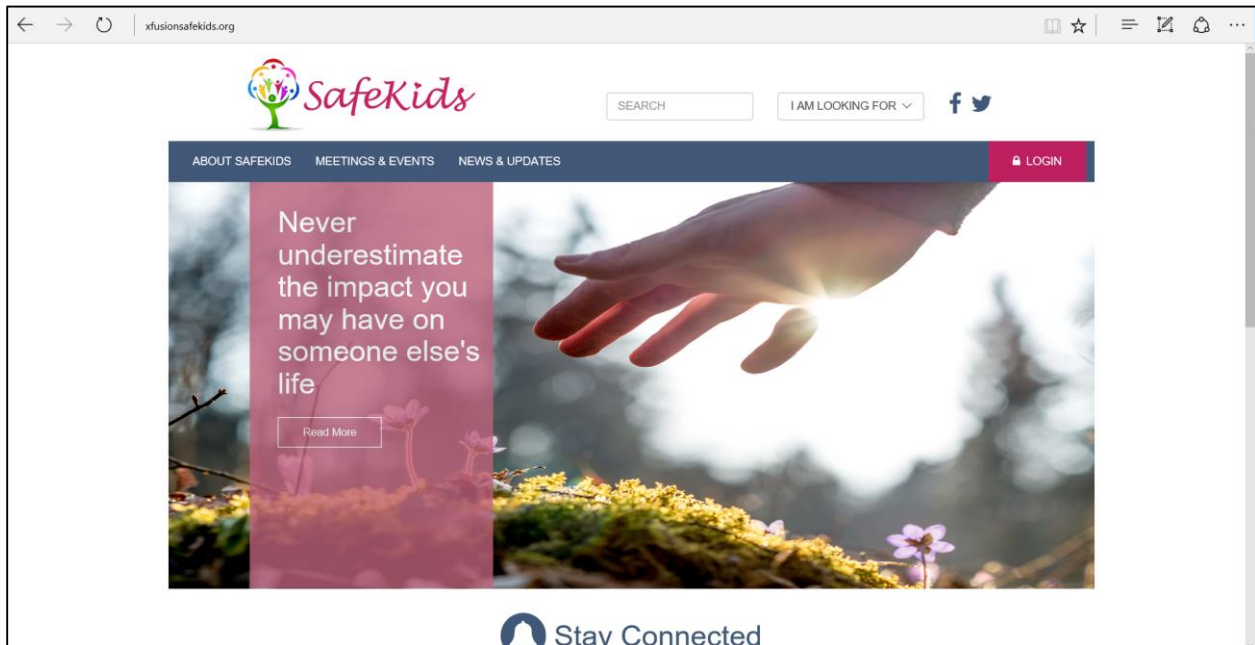




**Figure 4-20 – Browse Website Settings**



**Figure 4-21 – Local Host Website**



*Figure 4-22 – xFusion SafeKids Website*