



Alliance with  Education

FPT ACADEMY INTERNATIONAL FPT – APTECH COMPUTER EDUCATION

Centre Name: ACE-HCMC-2-FPT.

Address: 590 Cach Mang Thang 8, District 3, Ho Chi Minh City, Viet Nam.

REALTORS PORTTAL

Supervisor:	Mr. Tran Phuoc Sinh	
Semester:	3	
Batch No:	T1.1809.A0	
Group No:	2	
Order:	Full name	Roll No.
1.	Nguyen Van Son	Student1149174
1.	Nguyen Thi Quynh Huong	Student1141442
3.	Trinh Ngoc Kinh	Student1149175
4.	Tran Nhat Nam	Student1106012
5.	Van Tran Chi	Student1148303

Month: 12 Year: 2019

This is to certify that

Mr. Nguyen Van Son

Ms. Nguyen Thi Quynh Huong

Mr. Trinh Ngoc Kinh

Mr. Tran Nhat Nam

Mr. Van Tran Chi

have successfully designed & developed:

eProject: Realtors Portal

Submitted by:

Mr. Tran Phuoc Sinh

Date of issue: December 09th 2019

Authorized Signature:

I. Software and Hardware Requirement

1. System Requirement Specifications

1.1. Server requirements:

✓ Hardware:

Component	Requirement
CPU	Processor type: Pentium IV-compatible processor or faster Processor speed: Recommended: 2.0 GHz or faster
OS	Microsoft Windows XP or higher with IIS
Memory (RAM)	RAM: Minimum: 512 MB Recommended: 2 GB or more
Hard Drive	Free space: Minimum: 200 MB Recommended: 50 GB or more Maximum: Operating system maximum

✓ Software:

Component	Requirement
Microsoft .NET Framework	Version 4.5.1
RDBMS	Microsoft SQL Server 2008

1.2. Client requirements:

✓ Hardware:

Component	Requirement
CPU	Processor type: Pentium III-compatible processor or faster Processor speed: Recommended: 1.0 GHz or faster
OS	All OS(Window ,Linux ,Android ,Mac OS ...)
Memory (RAM)	RAM: Minimum: 512 MB Recommended: 1 GB or more Maximum: Operating system maximum
Hard Drive	Free space: Minimum: 10 MB

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✓ Software:

Component	Requirement
Web Browser	IE 4.0 , Firefox 3.0,Chrome or Higher.....

2. Development Software:

- ✓ Microsoft SQL Server Management Studio 2019.
- ✓ Microsoft Visual Studio 2019.
- ✓ Microsoft Visio 2016.

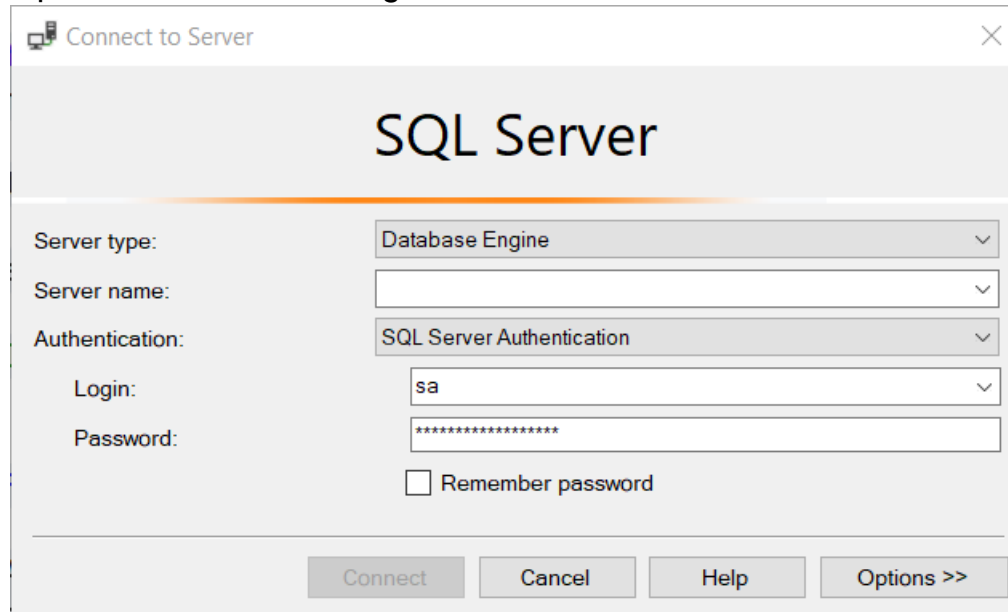
3. Technology:

- ✓ ASP.Net MVC 5.
- ✓ .Net Framework 4.5.1.
- ✓ Entity Framework 6.2.0.

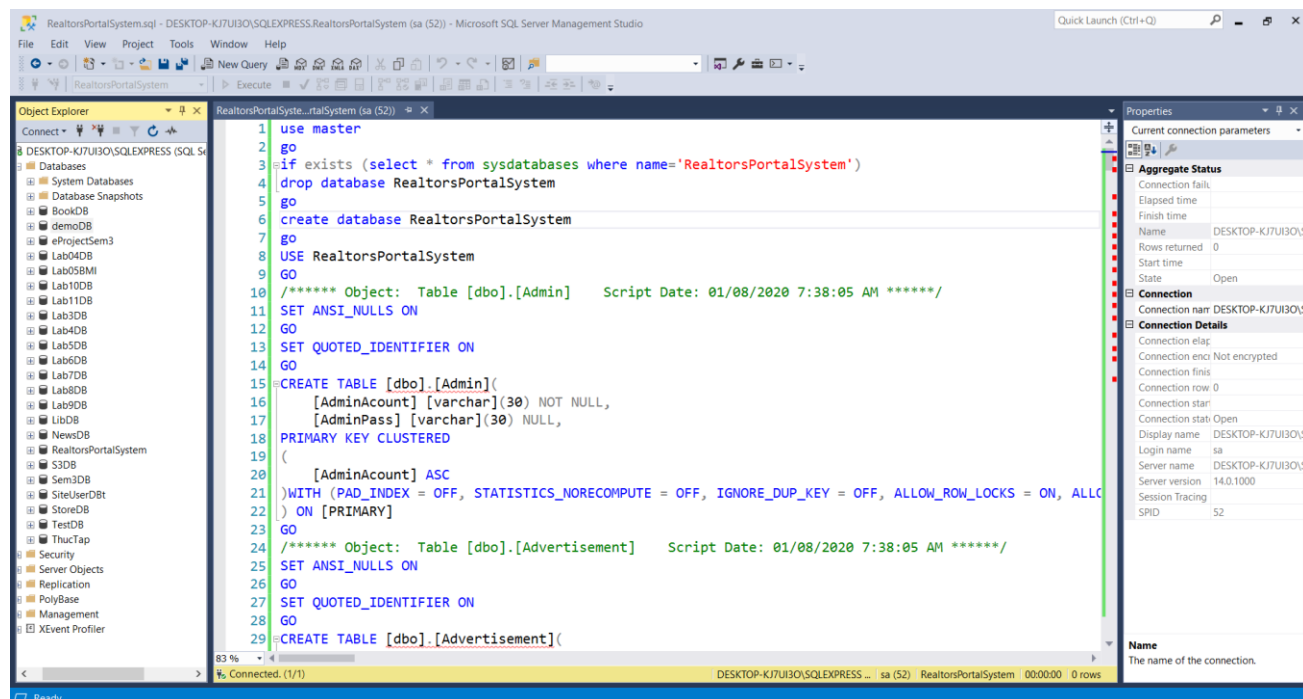
II. SETTING

1. Database configuration

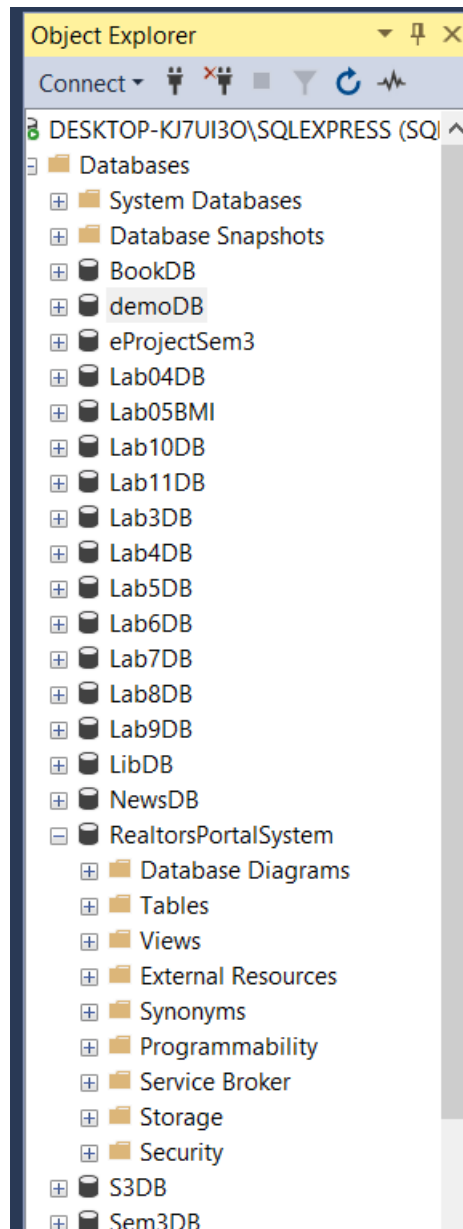
Open SQL Server Management Studio and connect to SQL Server



open file RealtorsPortalSystem.sql in folder Database, this script file contains command to create database RealtorsPortalSystem in to MSSQLSERVER. Connect this script into Database Engine. Next, press F5 or Ctrl + E to run script commands.



After script executed successfully, you can see RealtorsPortalSystem database in SQL server Management Studio



2. Open Project

Locate RealtorsPortalSystem solution file in RealtorsPortalSystem folder. Double-click on RealtorsPortalSystem.sln to open project in Microsoft Visual Studio

<input type="checkbox"/> Name	Date modified	Type	Size
packages	1/8/2020 7:36 AM	File folder	
RealtorsPortalSystem	1/8/2020 7:36 AM	File folder	
RealtorsPortalSystem.sln	12/17/2019 5:06 PM	Visual Studio Solut...	2 KB

In Microsoft Visual Studio, Expand RealtorsPortalSystem project, open Web.config



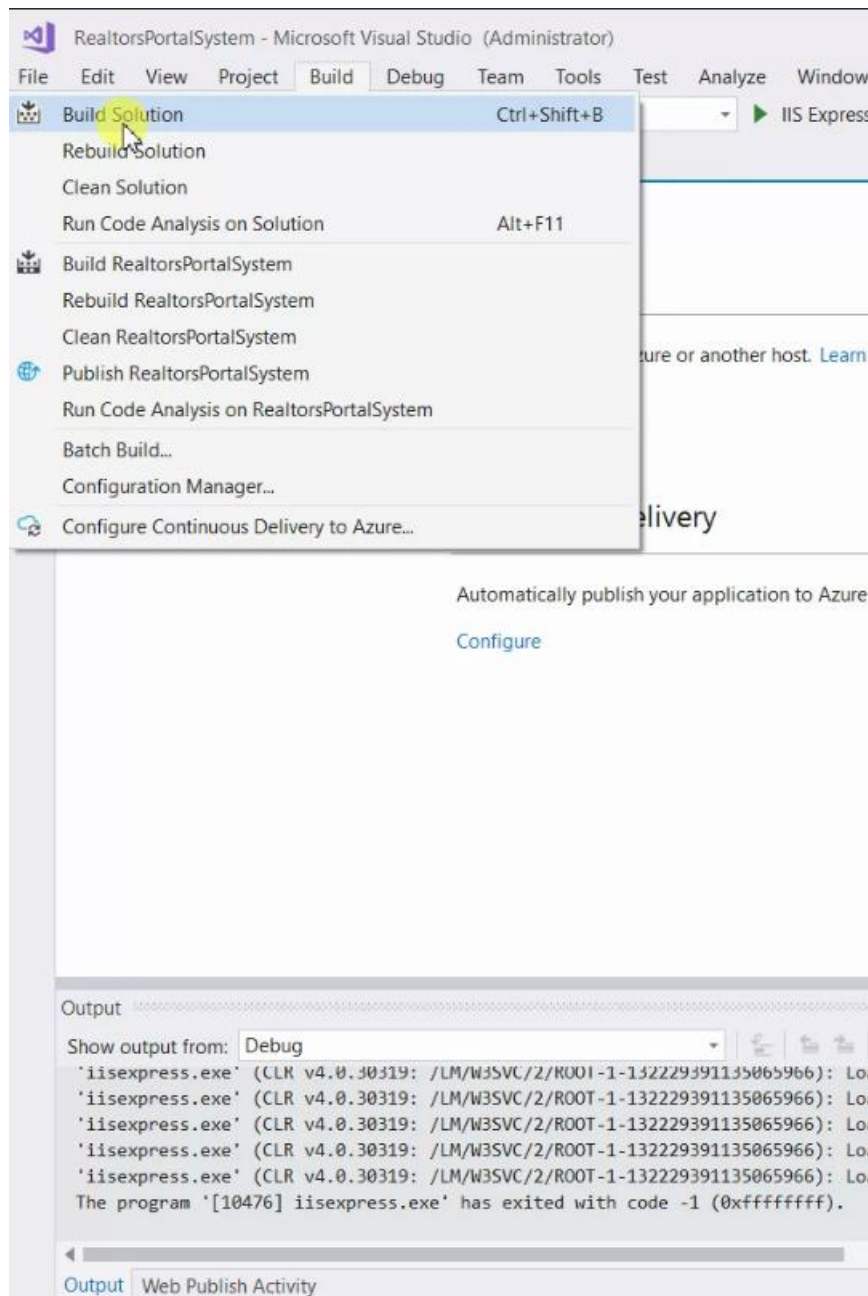
Inline:

```
<connectionStrings>
  <add name="RealtorsPortal" connectionString="data source=DESKTOP-TB5FHDN\SQLEXPRESS;initial catalog=RealtorsPortalSystem;user id=sa;" />
</connectionStrings>
```

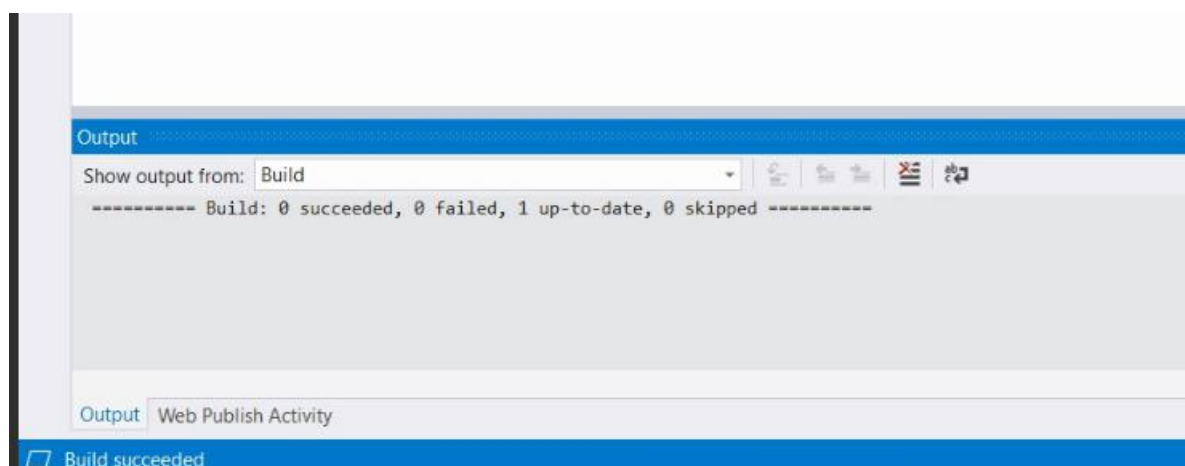
Edit connectionString

- server: SQL Server name (Example: localhost)
- id: Username to log on SQL Server (Example: sa)
- password: Password to log on SQL Server (Example: 123)

In Microsoft Visual Studio, click on menu Build and select Build Solution



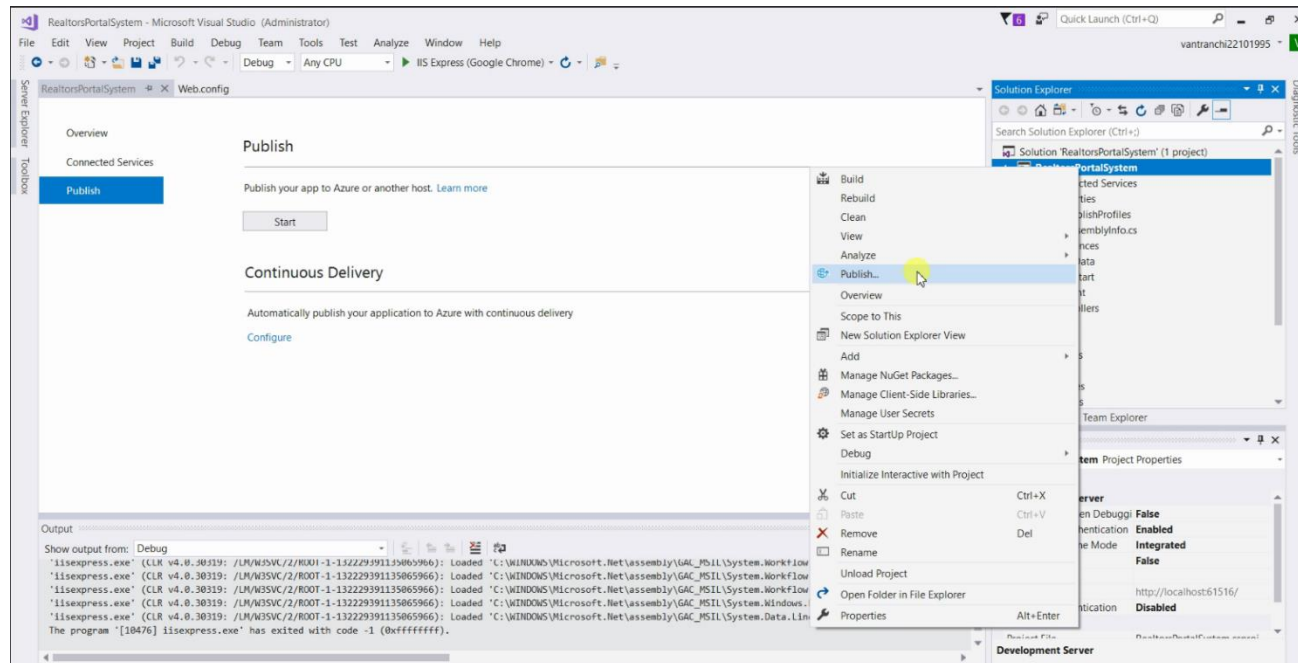
Wait for Successful message:

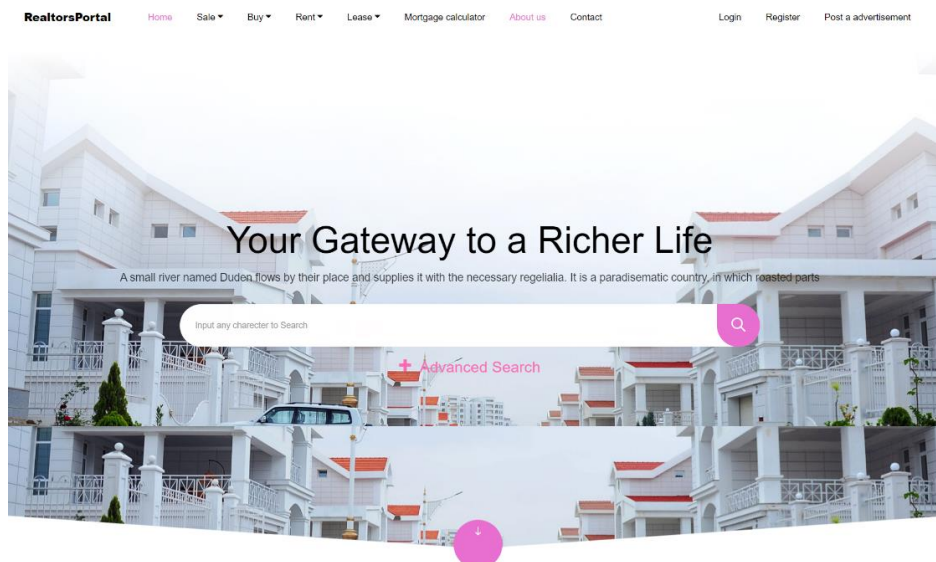


III. Publish Website

1. Publish website from Microsoft Visual Studio

In Microsoft Visual Studio, Open Solution Explorer, Right Click on RealtorsPortalSystem project and select View in Browser





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wide entrance, first
floor is a garage .
Ha Noi

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3 2
1,878 sqft

My Hoang Duplex
Villa for sale Duong
so 1, An
Khanh, District 2, Ho
Chi Minh
Ho Chi Minh

800,000 \$3,050 (10)
3 2
1,878 sqft

Villa at Saigon Pearl
for rent, 1 ground
floor, corner, villa
area close to Saigon
river, fresh air
Ho Chi Minh

Our Agents

Nguyen Son

Quynh Huong

Ngoc kinh

Uptown

Far far away, behind the
word mountains, far from the
countries.

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Community

- Search Properties
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- Our Story
- Meet the team
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Company

- About Us
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Have a Questions?

203 Fake St. Mountain
View, San Francisco,
California, USA

+2 392 3929 210

info@yourdomain.com

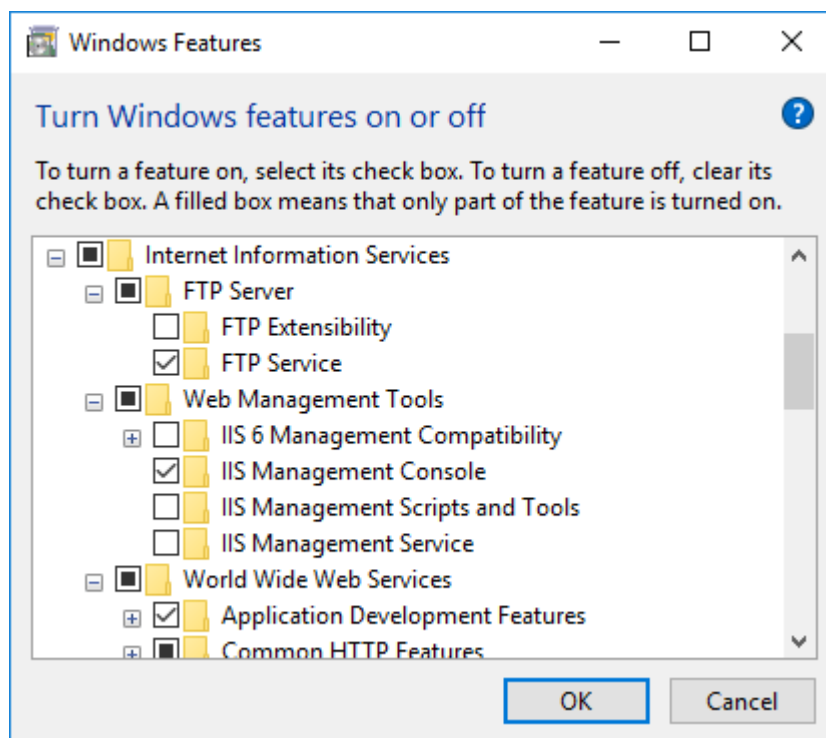
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2. Deploy Website using Internet Information Service

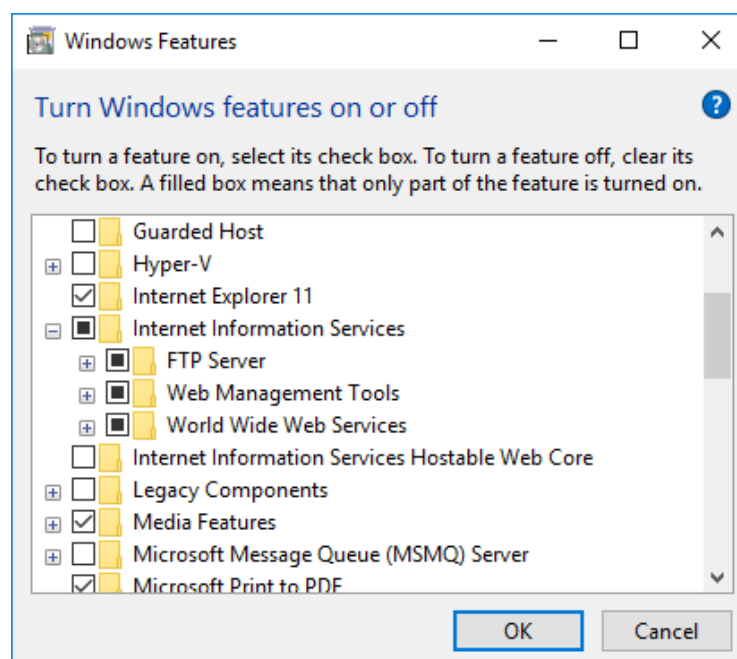
Step 1: Check if the machine has Internet Information Services (ISS)?

Go to Control Panel -> Programs and Features -> Turn Windows features on or off-> Check Internet Information Services check:

Firstly, you must ensure that the following conditions must be ticked as image below:

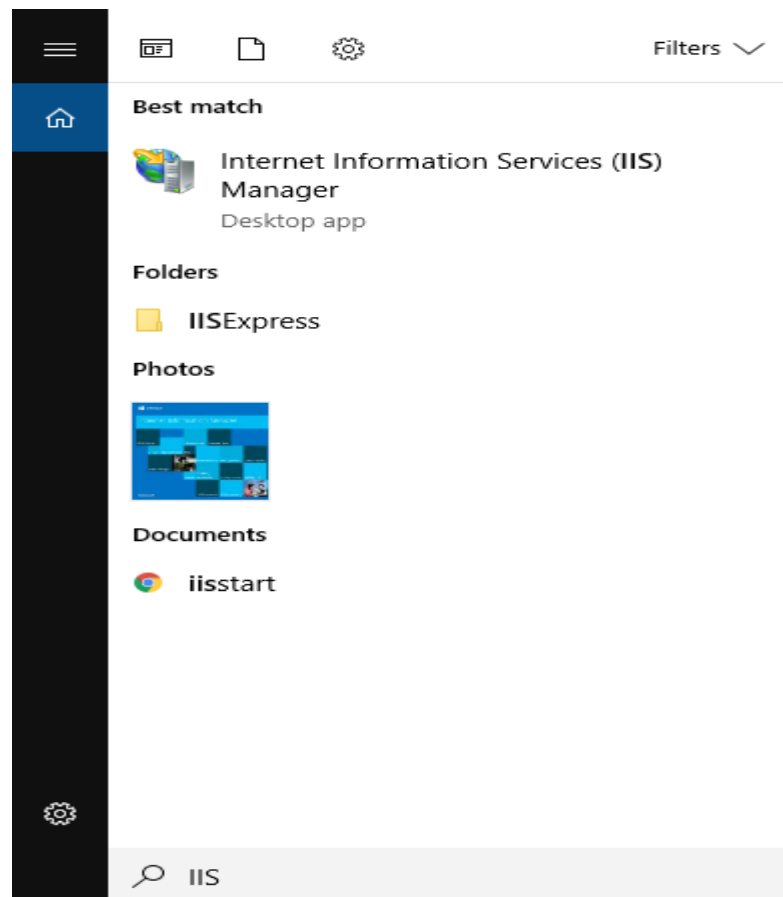


The image will be displayed on screen as follow:

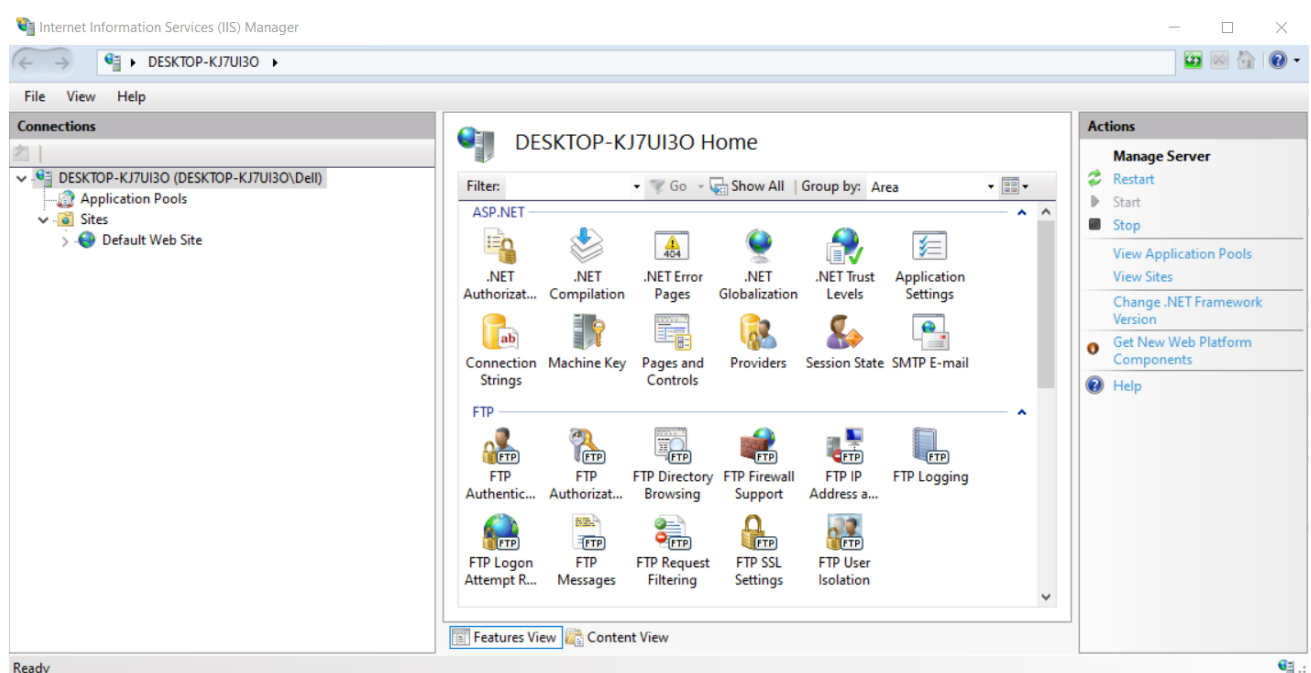


Step 2: Open IIS on your PC.

The image will be displayed on the screen as follow:



Next, you can see interface of IIS as follow:

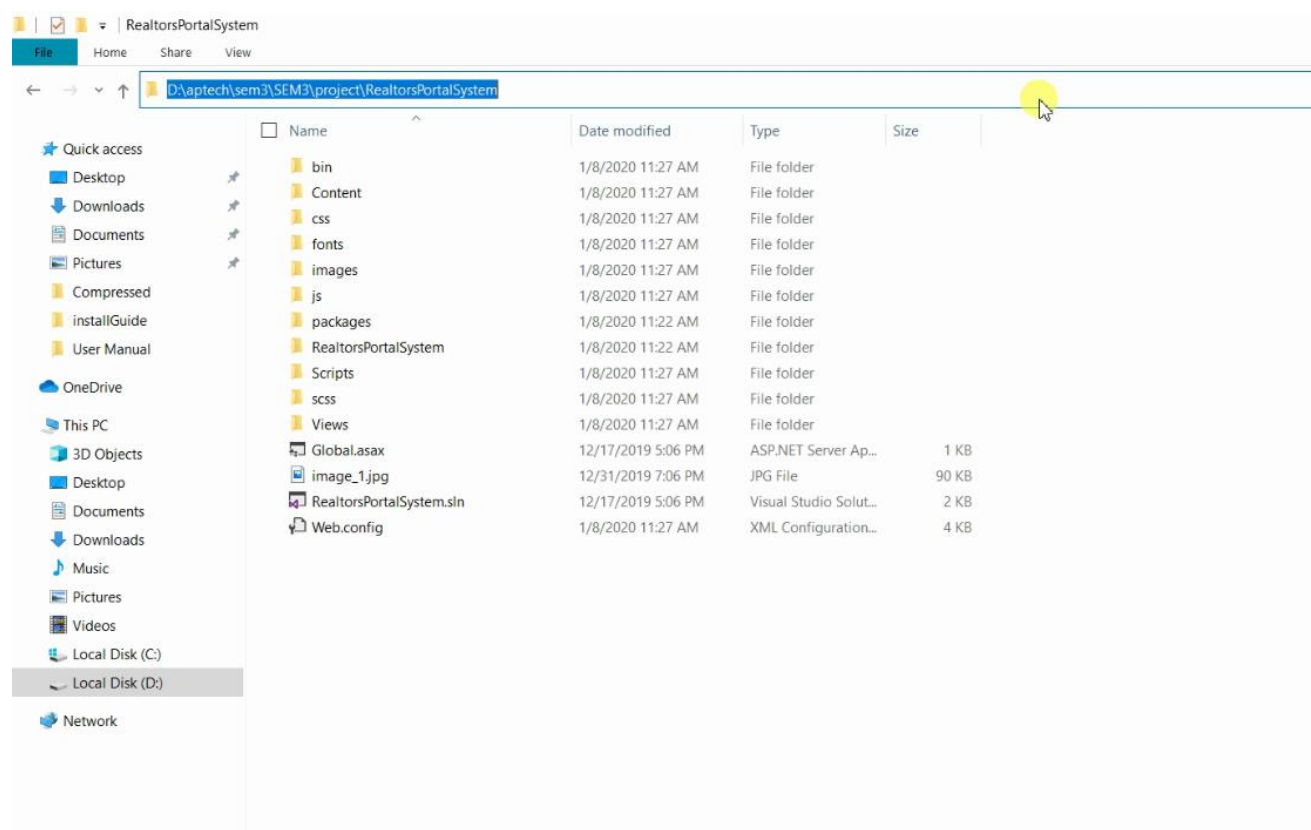


After finished the above guide, so next our purpose that want to add Website to IIS. Please, go to step 3 which is used to add website to IIS.

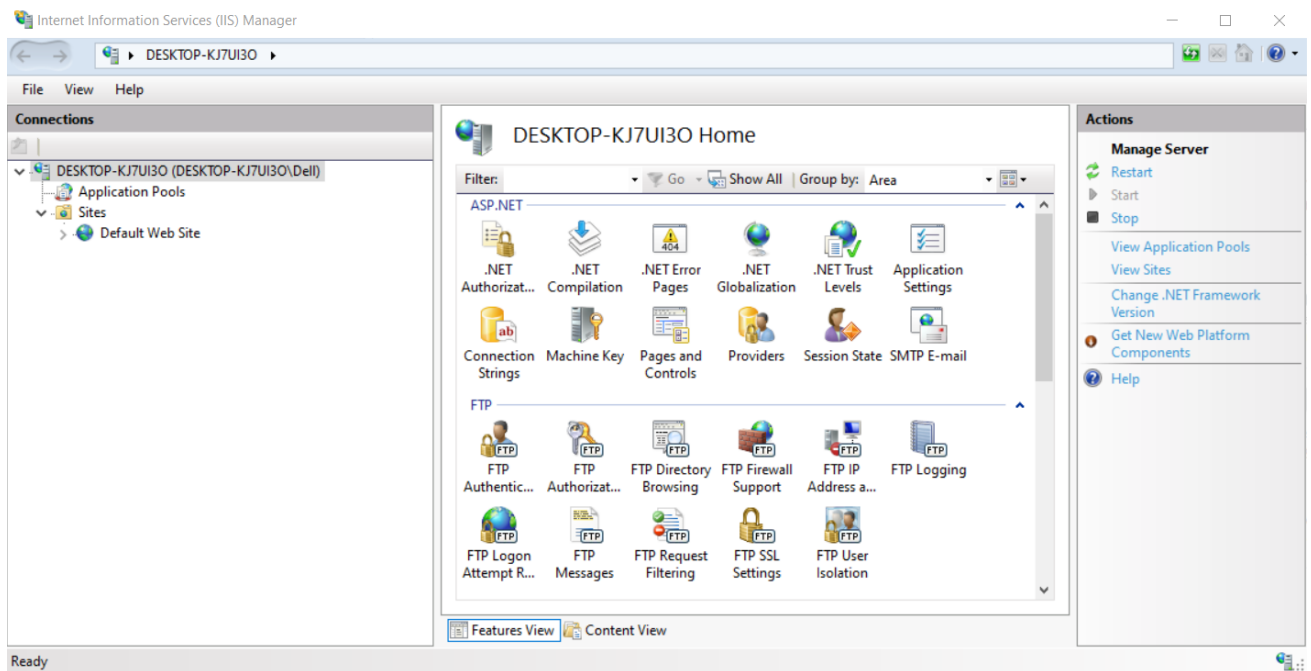
Step 3: Add the Website to IIS

- We open the Source Code folder where contain source code (the end directory)
- And then, I will do an example to describe for that and so you can see as below:
- You need to open folder where contains source code folder. On the other hand, it is the end directory for hosting on IIS.
- You can see the end directory that we are waiting. And that is RealtorsPortalSystem folder. Because it contains all of things support for hosting on IIS:
- And my purpose to select to add to IIS.

You can copy it's link as me to when you are go through IIS side, you only need to past that link and don't open it again.



- Go back to IIS, right click on Connection name on the left and select Add Website



On the Connection taskbar, you can see name of your PC or your Laptop. You only right-click on its name. And then you continue select Add Website, so on the screen will display as follow:

Add Website ? X

Site name: Application pool:

Content Directory

Physical path:

Pass-through authentication

Binding

Type: IP address: Port:

Host name:

Example: www.contoso.com or marketing.contoso.com

☒ Start Website immediately

You need to fill out all of informations as below:

Add Website

Site name: RealtorsPortalSystem Application pool: RealtorsPortalSystem Select...

Content Directory

Physical path: D:\aptech\sem3\SEM3\project\RealtorsPortalSystem ...

Pass-through authentication

Connect as... Test Settings...

Binding

Type: http IP address: All Unassigned Port: 44

Host name:
Example: www.contoso.com or marketing.contoso.com

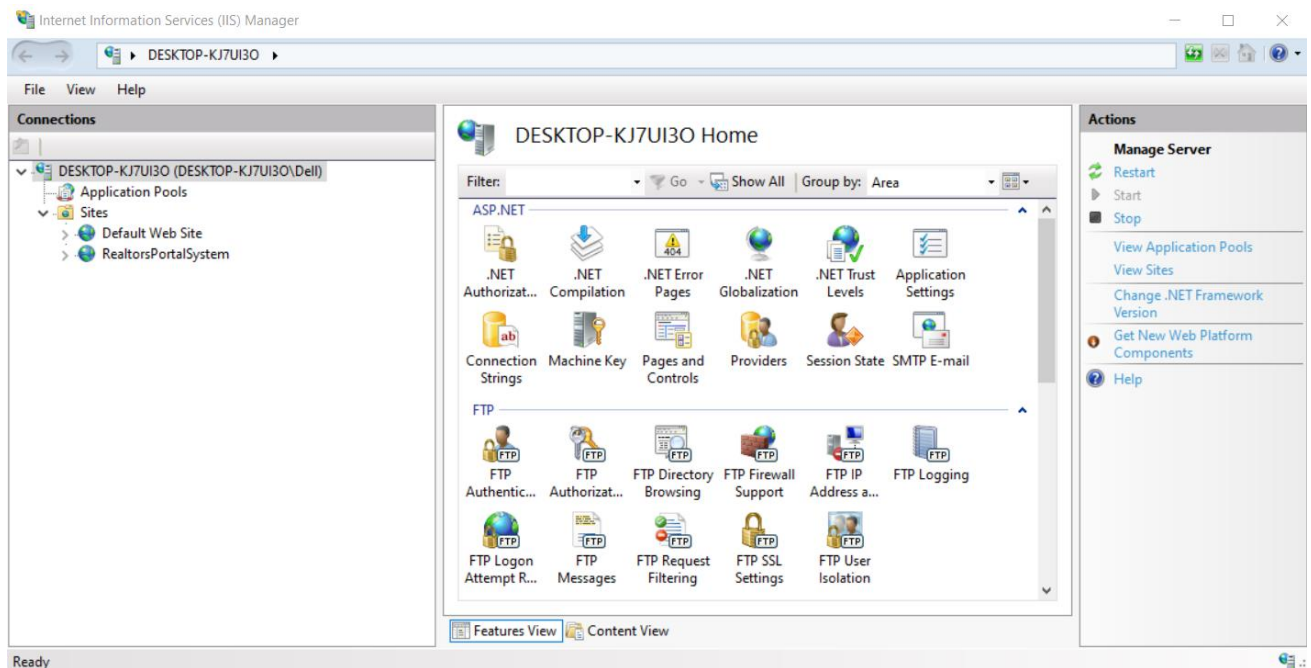
☒ Start Website immediately

OK Cancel

Notes: In the figure above, the data entries are described as follows

- + Site Name: Your Website Name (Example: RealtorsPortalSystem)
- + Physical Path: Path to your Website directory (as shown above)
- + Type: Choose http or https (default is http).
- + IP Address: Can be customized or default to localhost
- + Port: Enter a port that the machine has not used (avoid the port 80, 443, ...) (Example : 44)

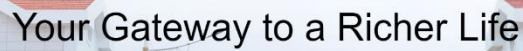
- When finished, click OK. And this is the result after you add the Website



- So you can call your website directly from the web browser without having to open VS always.

- **How to do it is simple:** From the IIS window above select Browse. the Web browser will run your website. Alternatively, enter your web browser and type `http://localhost:44` (**note:** http is not https, 44 is the port you enter when you add website in IIS, you can choose any port you want that the machine has not used). If successfully you will see the following:

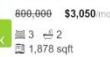
The website now loading in web Browser:



A small river named Duden flows by their place and supplies it with the necessary regalia. It is a paradisematic country, in which roasted parts

[+ Advanced Search](#)

WHAT WE OFFER



House for sale
55m2x 4 floors,
suitable for office,
wide entrance,first
floor is a garage .

Ha Noi



My Hoang Duplex
Villa for sale Duong
so 1,An
Khanh,District 2,Ho
Chi Minh

Ho Chi Minh



Villa at Saigon Pearl
for rent, 1 ground
floor, corner, villa
area close to Saigon
river, fresh air

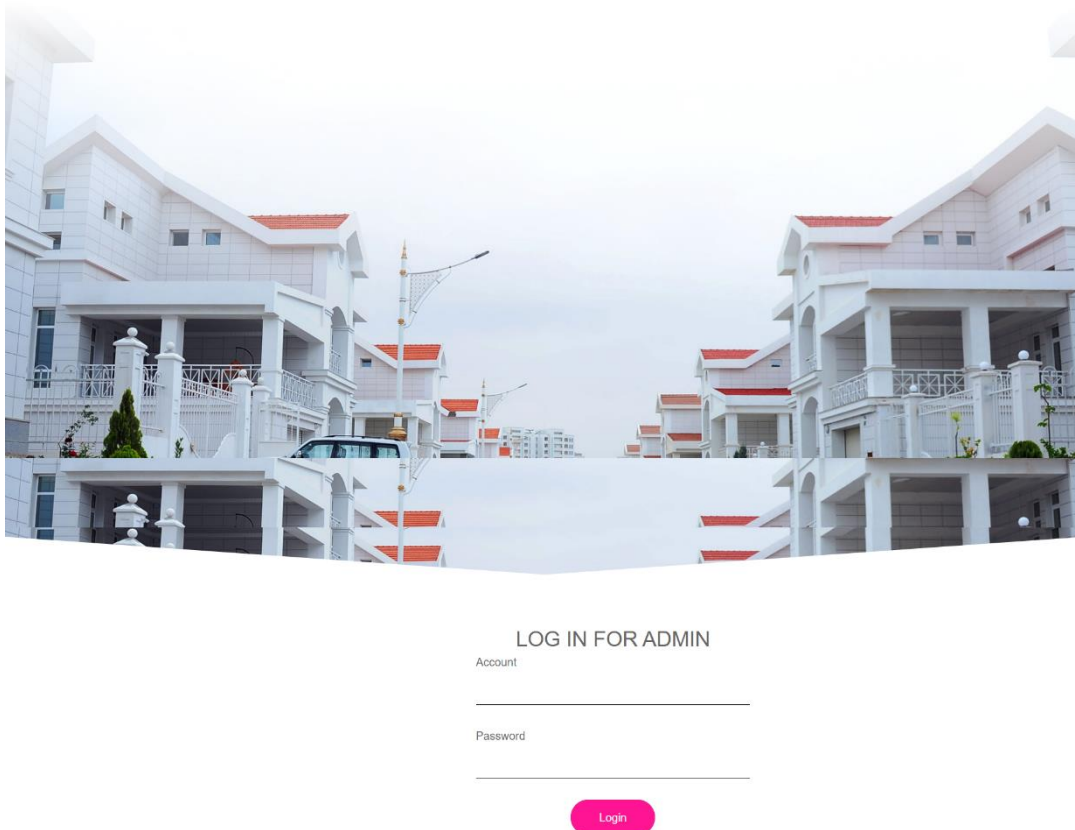
Ho Chi Minh

AGENTS

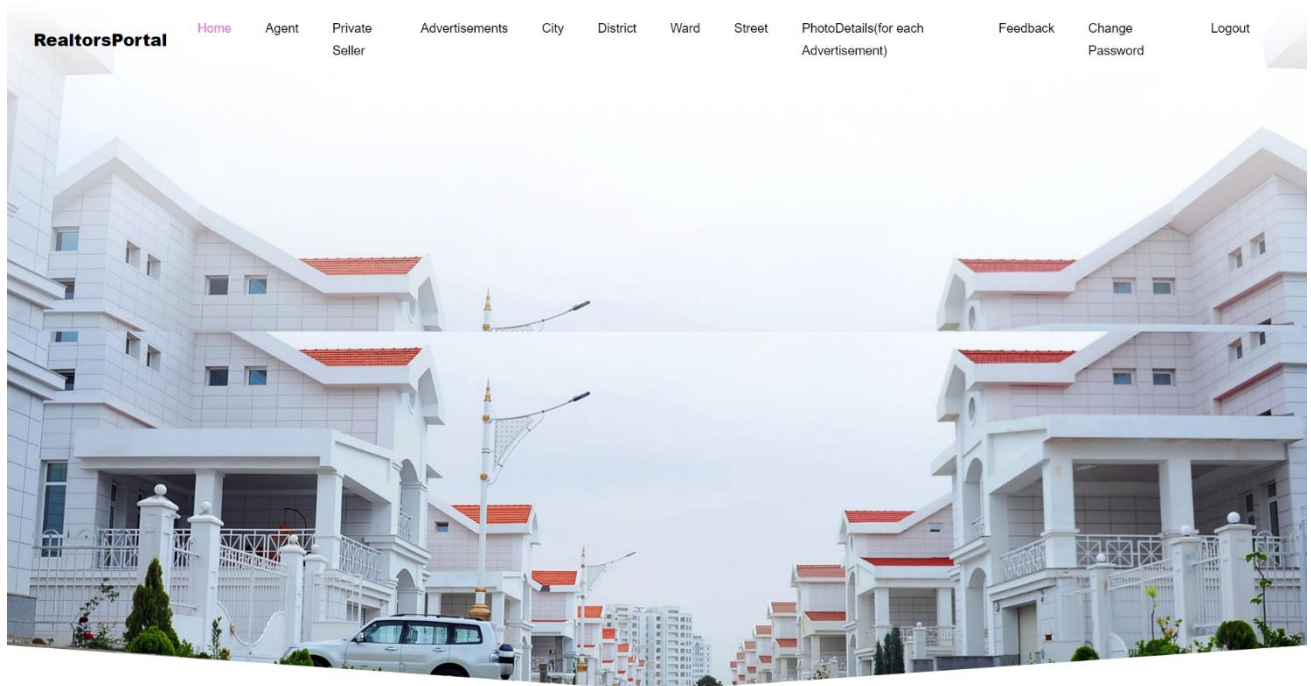


You can also observe the interface of administrator by enter your web browser address: <http://localhost:44/Admins/Login>

If successfully you can see the site below:



When login successfully (default username: **admin**, default password: **123**) you can see interface of administrator:



So you have finished the installation of our software. Congratulations on that. We are very honored to be able to guide you, thank you for keeping track!!

*Thank
you*

