

Tools and technologies:

- MS Visual Studio 2017;
- MS SQL Server (in MS Visual Studio);
- Entity Framework;
- SignalR;
- Windows Forms.

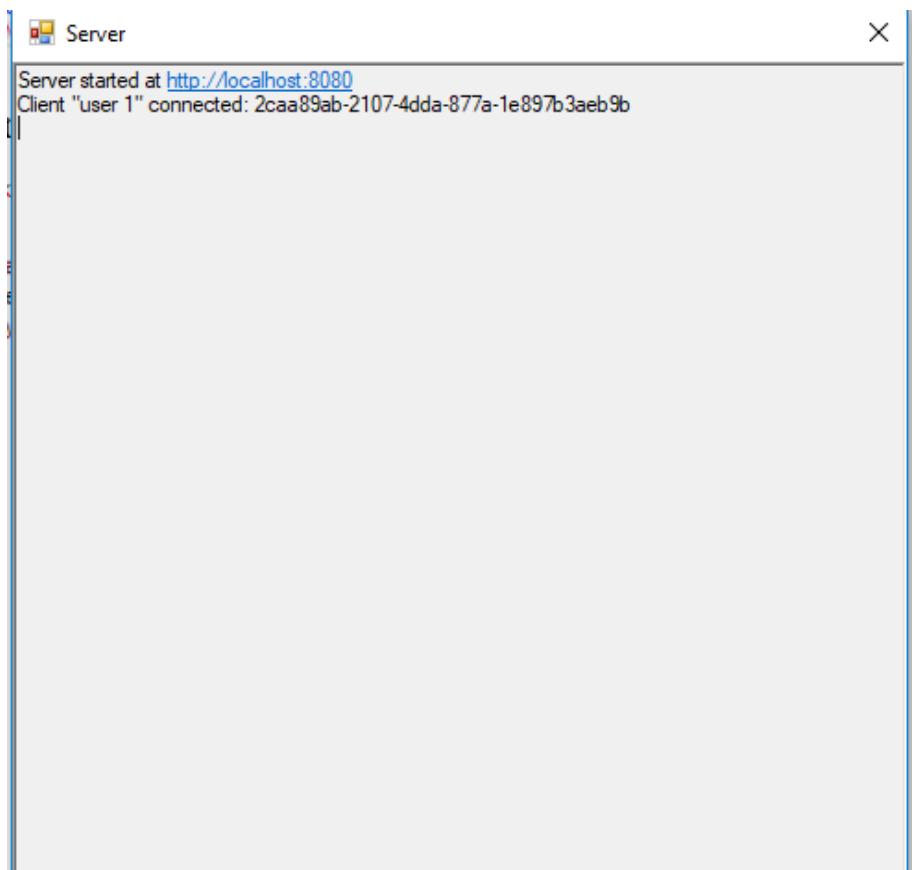
Setup connectionStrings in WinformsSignalRAppl.Server/App.config

```
8 <connectionStrings>
9   <add name="DBConnection" connectionString="data source=(localdb)\MSSQLLocalDB;AttachDBFilename=DataDirectory\ClientFilesStore.mdf;
10     Integrated Security=True;MultipleActiveResultSets = true;" providerName="System.Data.SqlClient" />
11 </connectionStrings>
```

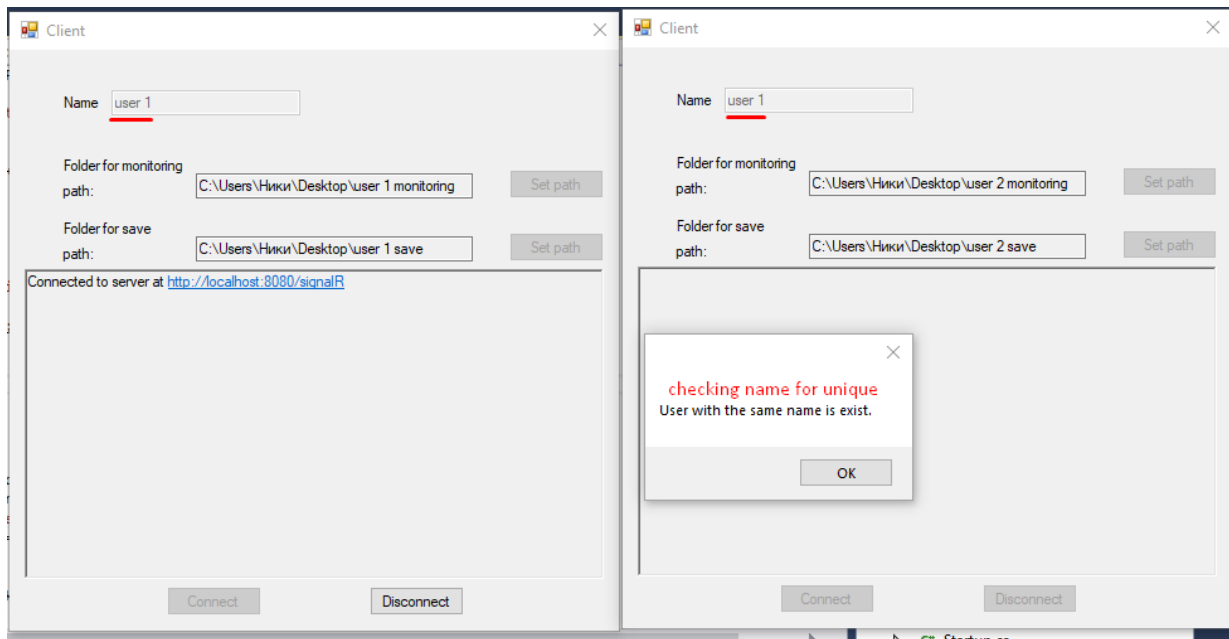
Additionally, that database was in the project (WinformsSignalRAppl.Server /App\_data). WinFormsSignalRAppl.Server / SignalRHub

```
32 string root = Environment.CurrentDirectory;
33 root = root.Replace(@"bin\Debug", @"App_Data");
34 string connection = ConfigurationManager.ConnectionStrings["DBConnection"].ConnectionString;
35 connection = connection.Replace("DataDirectory", root);
36
```

- Server



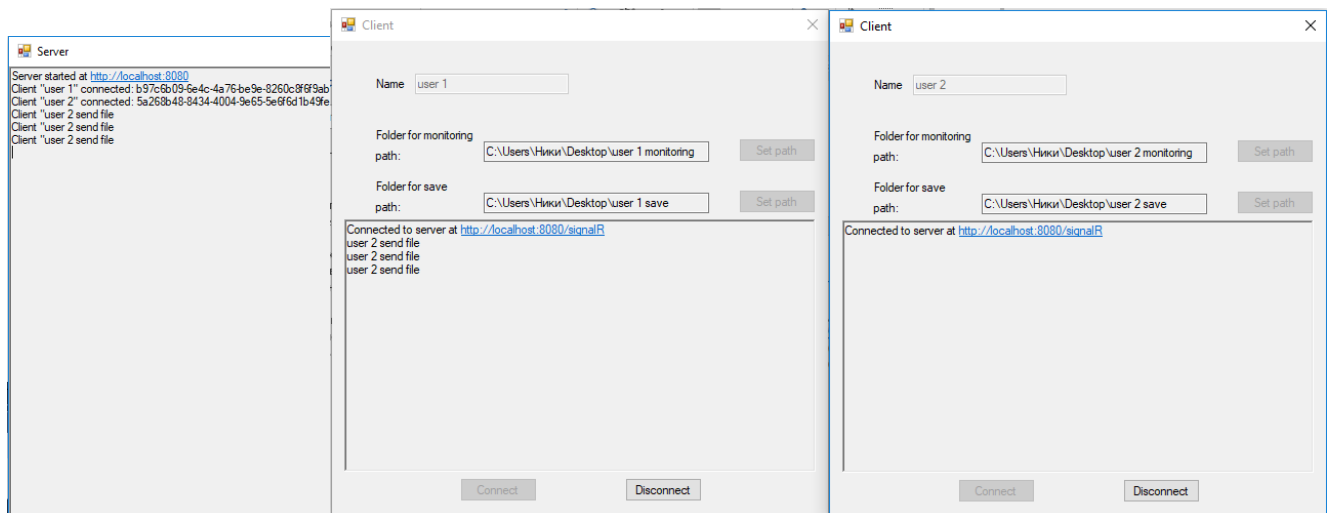
## - Client (checking name for unique)



## - Create folders and text files



## - Copy files in folder “user 2 monitoring” (Timer.Interval = 20000;)



dbo.ClientFiles [Data]				
SignalRHub.cs FormClient.cs				
Max Rows: 1000				
	Id	MessageTime	Name	FileContent
	1	02.04.2019 16:0...	user 2	qqqqqqqqqqq...
	2	02.04.2019 16:0...	user 2	rtrtrtrtrtr
	3	02.04.2019 16:0...	user 2	fdgdfgrtrtr
	NULL	NULL	NULL	NULL

table in database

↑ > <u>user 1 save</u>				
	Имени	Дата изменения	Тип	Раз
й доступ	02.04.2019-1107969149	02.04.2019 16:07	Текстовый докум...	
ий стол	02.04.2019-1257922082	02.04.2019 16:08	Текстовый докум...	
ки	02.04.2019-1406832331	02.04.2019 16:08	Текстовый докум...	
енты				

↑ > <u>user 2 monitoring</u>				
	Имени	Дата изменения	Тип	
й доступ				
ий стол				Эта папка пуста.
ия				