

**PROJEKT**

**Temat: Aplikacja do śledzenia wydatków własnych**

Wykonał:

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Kierunek: Informatyka NS, Semestr 5, Rok III

Przedmiot:

Prowadzący:

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# Wstęp teoretyczny

## Założenia projektowe

## Stack technologiczny

.NET

Windows Forms

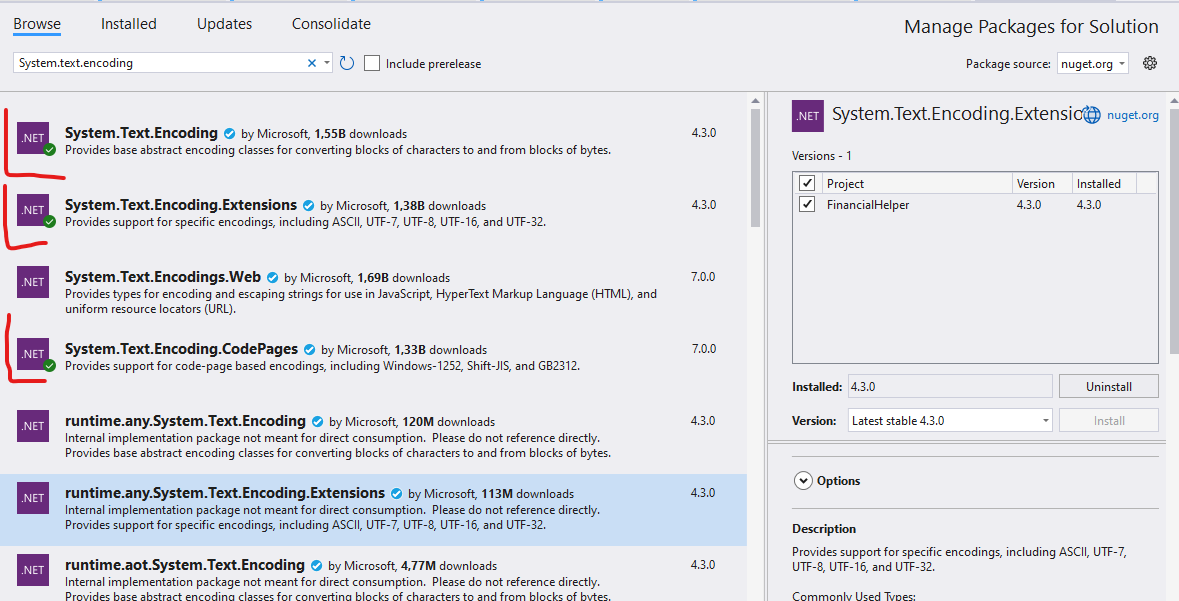
SqlServer vs Sqlite

# Kod programu

|  |
| --- |
| Install-Package Microsoft.EntityFrameworkCore  Install-Package Microsoft.EntityFrameworkCore.Relational  Install-Package Microsoft.EntityFrameworkCore.Abstractions  Install-Package Microsoft.EntityFrameworkCore.Design  Install-Package Microsoft.EntityFrameworkCore.Tools  Install-Package Microsoft.EntityFrameworkCore.Proxies  Install-Package Microsoft.EntityFrameworkCore.SqlServer  Install-Package Microsoft.EntityFrameworkCore.Sqlite |

## CSVHelper

* <https://www.youtube.com/watch?v=z3BwMlcGdhg&ab_channel=IAmTimCorey>
* <https://code-maze.com/csharp-writing-csv-file/>
* <https://code-maze.com/csharp-read-data-from-csv-file/>



<https://stackoverflow.com/questions/32471058/windows-1252-is-not-supported-encoding-name>

## TabControl

<https://support.syncfusion.com/kb/article/9538/how-to-customize-the-tab-page-header-size-in-winforms-tabcontroladv>

## File Dialog

* <https://www.c-sharpcorner.com/UploadFile/mahesh/openfiledialog-in-C-Sharp/>

## Login Form

* <https://www.c-sharpcorner.com/article/create-loginsign-in-and-registration-sign-up-form-in-c-sharp-windows-form-with-da/>
* <https://www.youtube.com/watch?v=eAhsJDMl8-I&ab_channel=OpenvibesbySafeer>
* <https://www.youtube.com/watch?v=IwqwNSjoUPQ&ab_channel=HarithaComputers%26Technology>
* <https://www.youtube.com/watch?v=RqDvVkQ1i2w&ab_channel=CodingShiksha>

## DataGridView

* <https://www.youtube.com/watch?v=8yJ0flsCBDY&ab_channel=Jayanam>
* <https://www.youtube.com/watch?v=Y4WV1tQBW5I&ab_channel=KimToo>
* <https://stackoverflow.com/questions/21845016/how-can-i-filter-a-datagridview>
* <https://stackoverflow.com/questions/5553100/how-to-enable-datagridview-sorting-when-user-clicks-on-the-column-header>
* <https://stackoverflow.com/questions/18666582/datagridview-autofit-and-fill>
* <https://stackoverflow.com/questions/14953461/convert-ilistt-to-bindinglistt>
* <https://stackoverflow.com/questions/34302814/how-to-concat-string-in-linq-sql-where-clause>
* <https://stackoverflow.com/questions/1027360/datagridview-capturing-user-row-selection>
* <https://www.c-sharpcorner.com/UploadFile/9f4ff8/add-combobox-and-checkbox-into-the-datagrdiview-in-C-Sharp/>
* <https://stackoverflow.com/questions/68366296/cannot-set-values-from-a-datagridviewcomboboxcolumn-to-a-bound-datagridview>
* <https://stackoverflow.com/questions/41612330/add-items-to-combobox-in-an-already-existing-datagridview-combobox-column>
* <https://stackoverflow.com/questions/14046830/datagridview-use-datapropertyname-to-show-child-element-property>

## Wykresy

<https://stackoverflow.com/questions/32759955/entity-framework-group-by-sum>

* <https://www.c-sharpcorner.com/UploadFile/1e050f/chart-control-in-windows-form-application/>
* <https://stackoverflow.com/questions/72251237/creating-a-chart-in-c-sharp-winforms-net-6>
* <https://github.com/kirsan31/winforms-datavisualization>
* <https://www.youtube.com/watch?v=f3w4RAyBbhg&ab_channel=MindFusion>
* <https://www.youtube.com/watch?v=ZO3edHKFb68&ab_channel=FoxLearn>
* <https://www.youtube.com/watch?v=1Brmku0KVas&ab_channel=FoxLearn>

## UI

* <https://github.com/RobinPerris/DarkUI>
* <https://github.com/IgnaceMaes/MaterialSkin>
* <https://github.com/bezzad/PersianMaterialSkin>
* <https://github.com/ComponentFactory/Krypton>
* <https://github.com/thielj/MetroFramework>
* <https://github.com/peters/winforms-modernui>
* <https://www.youtube.com/watch?v=N5oZnV3cA64&ab_channel=RJCodeAdvanceEN>
* <https://www.youtube.com/watch?v=IF2HHacgjAU&ab_channel=CodeCraks>
* <https://learn.microsoft.com/en-us/previous-versions/visualstudio/visual-studio-2012/jj171012(v=vs.110)?redirectedfrom=MSDN>

## ComboBox

* <https://www.youtube.com/watch?v=uUdmtgJBjk4&ab_channel=FoxLearn>

# Baza danych

## Sqlite

* <https://stackoverflow.com/questions/11044261/sqlite-db-security>
* <https://forum.devolutions.net/topics/26309/security-level-of-full-encryption-of-the-sqlite-database>
* <https://security.stackexchange.com/questions/268626/how-secure-is-it-to-use-sqlite-for-identity-storage-in-a-web-app>

# Działanie aplikacji

# Wnioski

# Bibliografia

1. Źródła pomocnicze
   1. Guide to ADO.NET and working with databases in .NET 6 (oryg. Руководство по ADO.NET и работе с базами данных в .NET 6) [<https://metanit.com/sharp/adonetcore/>], dostęp: 03.03.2023
2. Napotkane problem i ich rozwiązania
   1. <https://stackoverflow.com/questions/18666582/datagridview-autofit-and-fill>
   2. <https://stackoverflow.com/questions/16498366/autosize-form-containing-tabcontrol>
   3. <https://stackoverflow.com/questions/2955061/how-can-you-make-the-form-maximize-to-any-computer-screen-in-a-windows-forms-app>

# Spis ilustracji

# Spis snippet’ów