Function of program

This program enables users to submit names and display them in a list view. This program also provides a function that allows users to sort the name list by first name then family name in alphabet order.

Classes

* Public class **ObjNames.cs**

The class uses four properties, “Surname”, “MidName”, “FamName” and “FulName”, to represent the name input by users.

* Public Class **Helpers.cs**

Provide a simple string processing function to remove the spaces at the beginning and ending if they exist.

* View Model **NameListViewModel**.**cs**

Provide commands used in two View Pages.

Method

* **OnSubmitButtonClick**

Create an ObjNames object.

If the name user input has no space exists, let the entire string become the Surname property of the object.

If the name user input has one space exists, divide the string into two parts, then let the first part which is before space become the Surname and the second part, which is after space, become the FamName.

If the name user input has two or more spaces exist, divide the string into three parts, then let the first part which is before the first space become the Surname, the third part, which is after the last space, become the FamName, and what left between first and last space become the midname.

* **onSortButtonClick**

Using OrderBy and ThenBy in LINQ library to sort the name list.