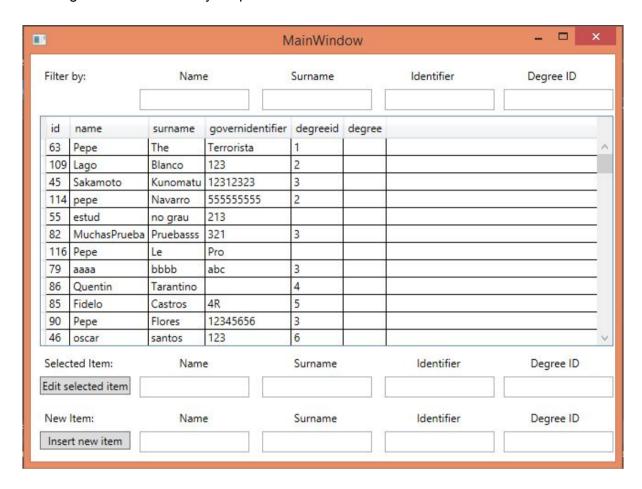# PRACTICE 2 - STUDENTS MARKS APPLICATION

21744 - Laboratori de Projectes de Programació

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User Manual

This application is based on WPF, this means that has a user interface, as it is shown on the following lines. It's use is very simple:

1. "Filter by": With this text fields we can filter the elements shown on the central grid. The filtering is based on autorefresh, so it will load while text fields are being typped.
2. "Selected Item": Once an item is selected on the grid, this text fields get the values of that, in order to get the user a quick and easy modify action. The user can write on the text fields on this section, making the modifications that he wants, and that will be effective when pushing the "Edit selected item" button.
3. "New Item": Simple section: user just has to type the information about the estudent that he wants to insert and push the "Insert new item" to insert it.

Conclusions

This was an interesting practice at it was an easy introduction to WPF. Without being a very hard work, we could get in touch with the basic notions that we need to know about WPF. Moreover, we could see on this practice the true LINQ potential: being able to interact with a

database without any effort, treating it very closely as how we would do it with any other collection.

The most difficult part of this practice was the connection to the database and the import of the LinqToDB library.