

For me the main purpose of this project, its to improve my c.v by adding projects to it, this is the first project.

Project's application:

The application allows the users to arrange their programs windows on the desktop by determining the monitor, position, and size. That's why I decide to call it ArrangeWindows.

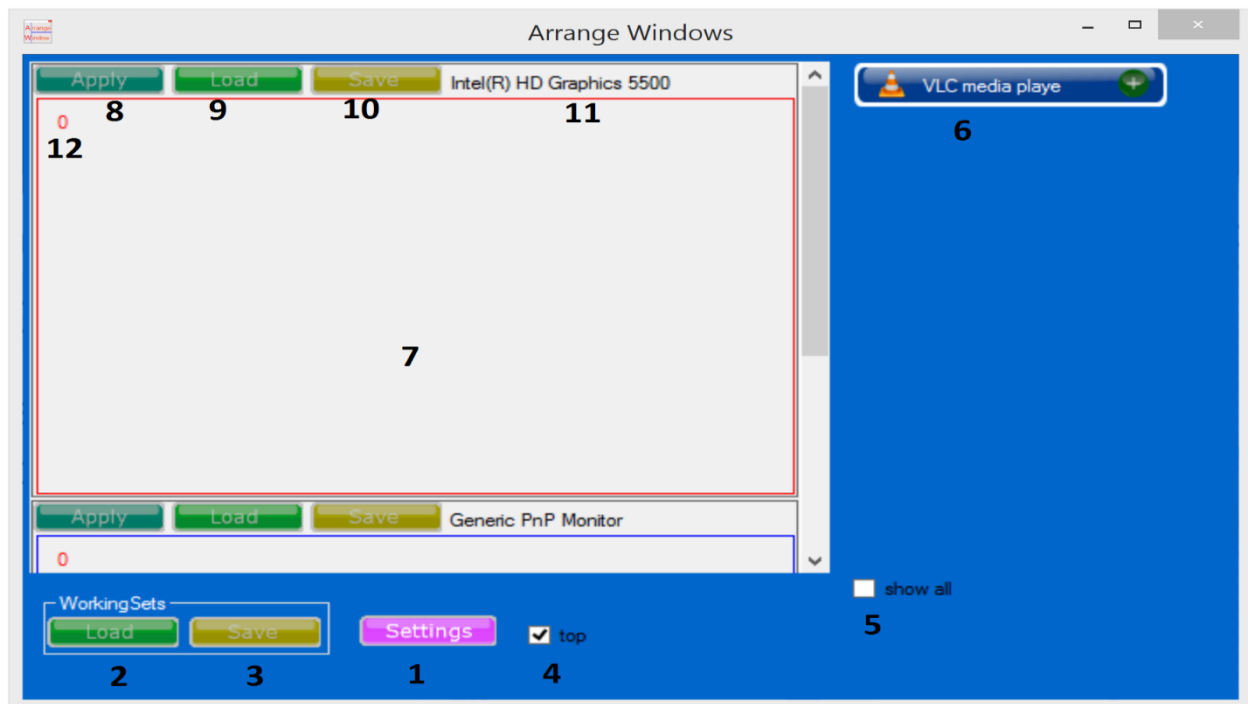
Open:

There are two ways to open the application,

1. Run arrangeWindows.exe at:
[project's folder]\ArrangeWindows\ArrangeWindows\bin\Debug.
2. Install the application with setup.exe at:
[project's folder]\ArrangeWindows\arrangeWindowsSetup\Debug.
And run arrangeWindows.exe at the installation location.

Either way, run arrangeWindows.exe as administrator.

Main form:



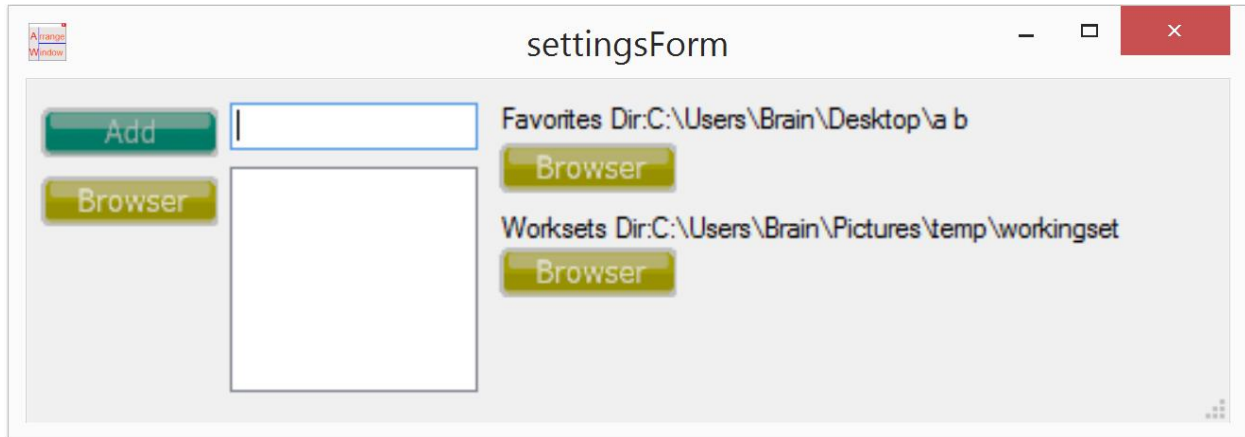
1. Opens the [settings form](#).
2. Opens the [worksets form](#) for loading workset.
3. Opens the [worksets form](#) for saving workset.
4. Sets Main form the most top.
5. Showing all windowItems(6).
6. **windowItem**, represents a program that currently running on the computer, users can add windowItem By adding a program to the [favorite list](#) in the [settings form](#) or by check show all(5) The users can attach\disattach the windowItem to the selected screenBoard(12) by clicking the +/- button. When windowItem is added the user can add/remove it to/from the [favorite list](#) by clicking on the mouse's right button.
7. **ScreenController**, represents a monitor device connected to the computer.
8. Applies the programs arrangements(position and size) on screenController to be displayed on the user desktop on the monitor represented by the same screenController.
9. Loads [profile](#).
10. Saving [profile](#).
11. Monitor device name.
12. **screenBoard**, determine the program size and position on the screenController, a program attach/disattag to screenBoard by clicking the +/- button on the windowItem(6). Users can add/remove screenBoard with the mouse by clicking the right button on the screenBoard and select add/remove. When users add screenBoard they can choose between split vertical(adds below the selected screenBoard) or split horizon(adds the right side of the selected screenBoard). Users can adjust the screenBoard size by grab and drag the screenBoard borders.

Settings:

Settings allow the users to configure the location of the favorites list and [worksets](#) files and manage [favorites list](#).

Open settings form by click on the [settings button](#) in the [main form](#).

Settings form:



Users can add a [favorite program](#) by insert the program name(as it appears on task manager) in the textbox and click on the add button or by browser button and select the desired program.

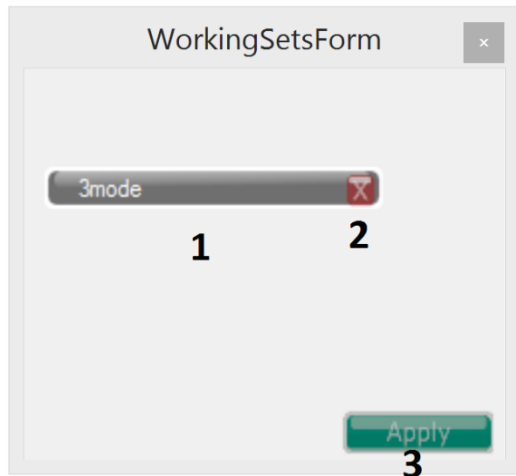
Profile:

Profile, Contains data that represents the work made by the user on a specific [screenController](#).

Workset:

Workset allows the users to maintain their work on the [screenControllers](#) by saving and loading it. More precisely workset contains [profile](#) object for each [screenController](#) on the [main from](#), So when the user load workset, each [screenController](#) load with the data that it's held at the saving point.

Worksets form:



1. worksetItem, control view of [workset](#), preview the [workset](#) can be done by clicking on it.
2. Delete button, delete the [workset](#) from the [worksets](#) form and [workset](#) folder.
3. Applies the selected [workset](#) to be displayed on the [screenControllers](#).
If the Apply button is not pressed, the [screenController](#) restore the first state.

Favorites list:

Contains the programs that the user prefers to be displayed on the [windowItems](#) list.