# Introduction and non-functional requirements by Bilger Yahov

# Introduction:

“Flowly” is an interesting, clever and very useful application created to manage liquid or gas flows in a system. Using it you can create your own working space or so-called grid. Adding components and connecting them between each other has never been easier than now! You just pick an element from the toolbox and place it to desired position on the grid. For your easiness apart from having the ability to use pumps and sinks, we also added some useful elements as (adjustable) splitters and mergers. Your task is just to create systems that really make sense! You can save your flow diagram and open it up later. Of course our software “Flowly” is really intelligent and can immediately detect if you try to overlap elements. Managing your flow system has never been easier!

# Non-functional requirements:

Of course when using an application the things that can bother us or make us happy are not always related to the product’s functionality. What about Accessibility, Efficiency, Maintainability, Reusability, Usability?

1. Everything that you will ever need creating flow diagrams or systems, you can easily navigate to through the toolbox. The toolbox is placed on the left side of the working space. One point for accessibility!
2. You do not want to lose your time drawing lines? “Flowly” does it for you! Just pick an element from the toolbox and WISELY place it on the grid! One point for efficiency!
3. You hardly ever can get an error while working with “Flowly”. Everything on the software is properly set-up! If you get an error the System will not give the possibility for breakdown! One point for maintainability!
4. Do you know that you can safe and load/open flow systems? Yes you can with “Flowly”. You can work on your project whenever you want! One point for Reusability!
5. Summing it all our application is easy to use, it has friendly User Interface, it is error-prone and really efficient to use! One point for usability!