BibTeX

GUI Design

Author: Jakub Hutny

Spis treści

Revision History

Date	Version	Description	Author
02-11-2015	0.1	First draft	Jakub Hutny
02-11-2015	0.2	Added introduction and description parts	Jakub Hutny

1. Introduction

1.1. Goal

This document covers all information concerning the Graphical User Interface of BibTeX management application.

1.2. Scope

BibTeX management application provides a basic management functionality for user – displaying bibliography entries and its details – parameters. Basing on requirements analysis we decided to add some feature that will result in GUI updates.

2. Description

2.1. Actual state

The actual user interface is presented on the screenshot below.

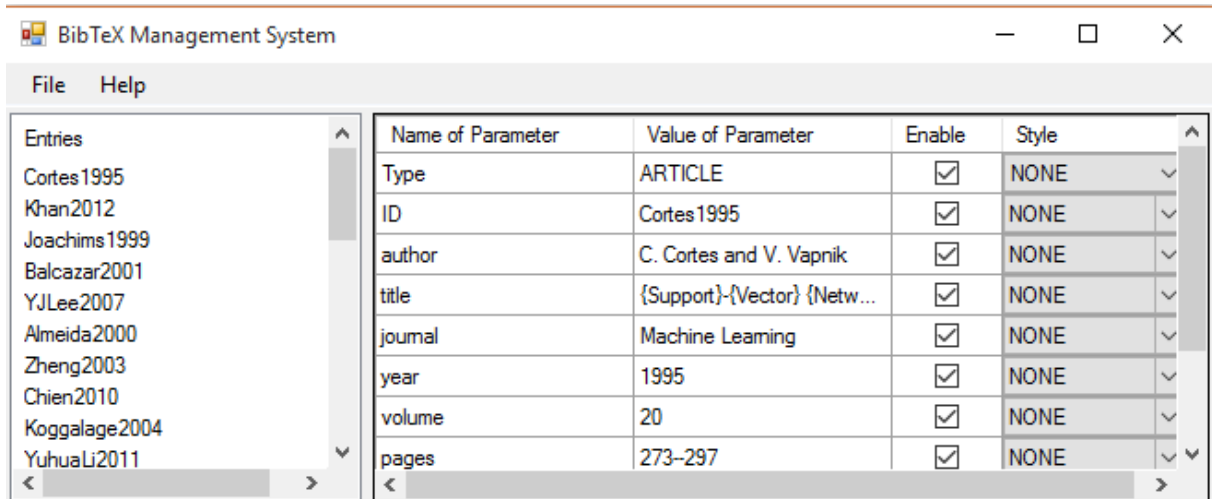| Name of Parameter	Value of Parameter	Enable	Style
Type	ARTICLE	☑	NONE ∨
ID	Cortes1995	☑	NONE ∨
author	C. Cortes and V. Vapnik	☑	NONE ∨
title	{Support}-{Vector} {Netw...	☑	NONE ∨
journal	Machine Learning	☑	NONE ∨
year	1995	☑	NONE ∨
volume	20	☑	NONE ∨
pages	273--297	☑	NONE ∨

Figure 1. Actual user interface of user.

It allows user to see details of each entry and to choose style for each parameter.

2.2. Proposed changes

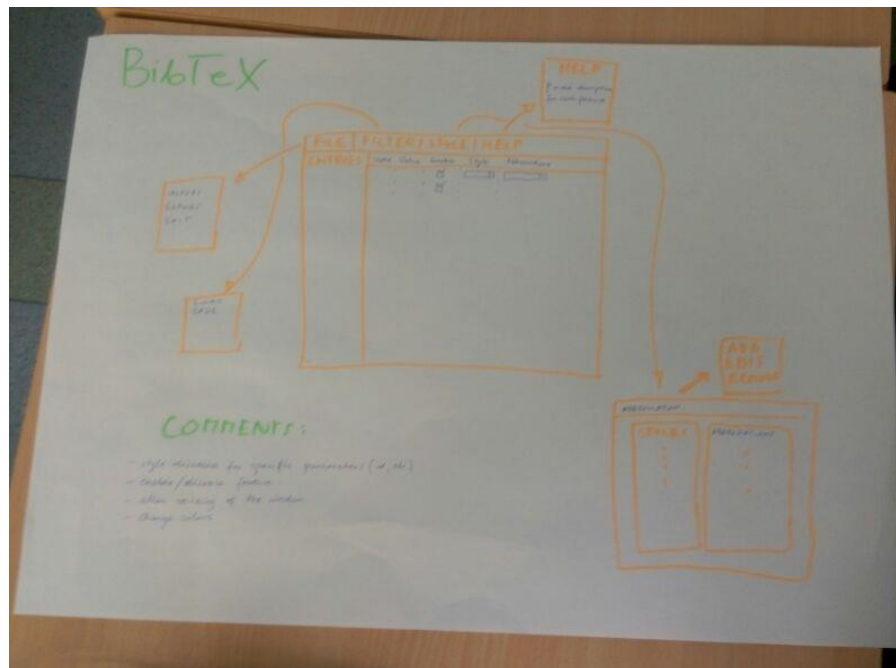During the GUI design session we came out with some features. Those are presented below.

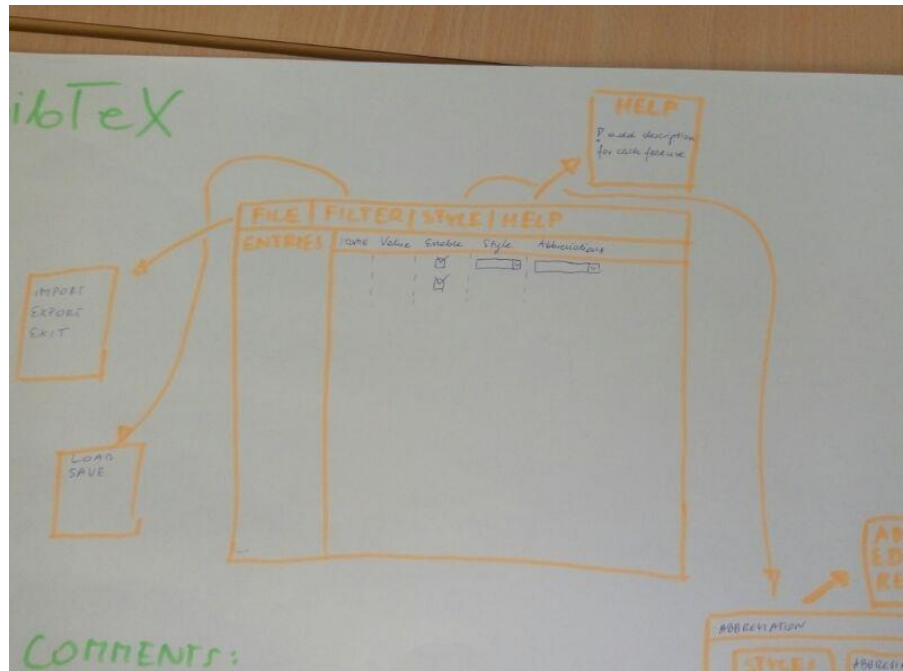Figure 2. General overview of proposed changes.

Figure 3. Main view.

We decided to add two additional options to context menu: Filter and Style. We also mentioned that Help tab has to be update of new features of application.
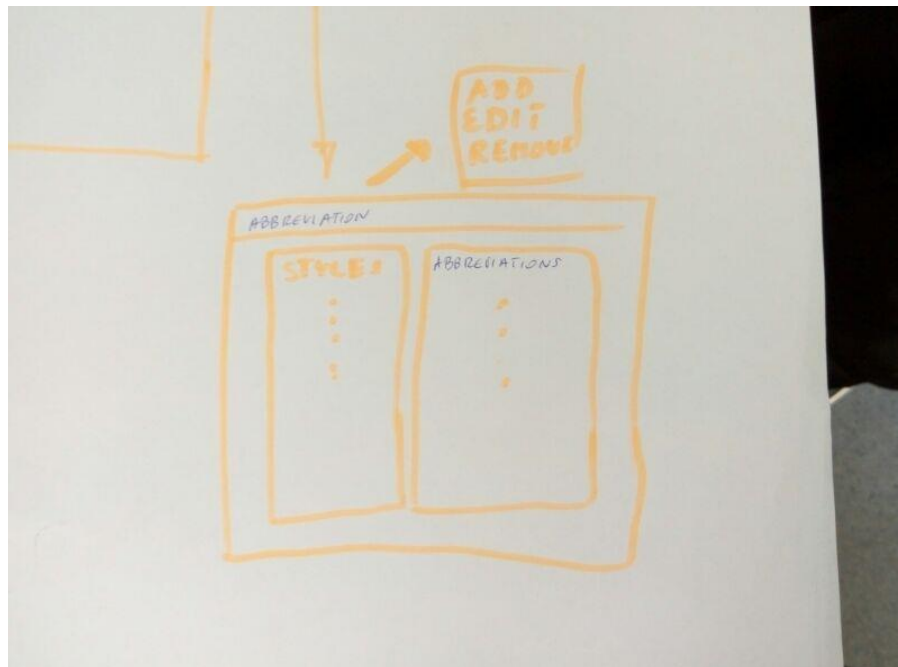

Figure 4. Style tab.

The Style tab will proceed to additional window. It will allow user to add, remove or edit already existing styles and abbreviations.

2.3. Other changes

Following changes will be also implemented during working on the GUI:

- Style options will be disabled for specific parameters (i.e. id);
- Enable/disable feature;
- Allow user to resize the window;
- Application color changes;

2.4. Update informations

The GUI updates will be developed using Visual Studio, C# language and Windows Forms framework.