



Experiments on Qualification and Measurement the Usability of GIMP

PROPOSAL

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1. Introduction

Image manipulation tools are used for editing the pictures which might be in either 2D or 3D with using different tools in digital world. In 2D image manipulation tools, 2 various may be counted such as desktop applications and mobile applications. Laptops and desktops are more advanced than mobile devices. For that reason, desktop applications are also more developed than mobile applications. Here, it can be mentioned about GIMP is very useful for its users. On the other hand, unlike assuming other desktop sharewares, this tool is an open-source software. Open-source softwares means that these tools are not only cost free but also available for both individuals and corporate firms. In usage areas of GIMP which is the one of open-source softwares, it can be said as a digital architect or an engineering branch. In the studies of these tools, abstract subjects and something that is not impossible to become in real world are preferred generally. These tools are seen as a method to indicate feelings of people on a particular issue by some users of them.

As a requirement of an open-source software as an image manipulation tool, we have aimed to develop this software. In this content, we will target to explain the usability of GIMP to cover your demands. The remainder of this proposal outlines is our recommendation about the needs of your company's studies.

2. Background

Image manipulation tool which is used by your company is not enough to produce rapid web prototype and application interfaces particularly in your company's current project. You wish to conduct a usability the study of an open-source image manipulation tool GIMP is proposing the study to a funding institution. Using GIMP is not complicated and everybody can use it in basic level without troubles. You can also have this tool free in charge. It may be improved with regards to separate aspects of the tool, and this development depends on highly the imaginative strength of the designers; therefore, it is obvious that the improvable of its in large area.

3. Proposal Summary

In this project, we aim to measure the usability of GIMP by comparing it with different commercial or non-commercial open source image manipulation tools. The scope of the project is mostly based on comparison of these tools. Measures of value include technical properties of these tools for instance variety of instruments, operating systems, user interface they provide, and user support they possess such as documentation, online user communities.

4. Outcome

GIMP offers many image retouch, composition, construction abilities without any license fee, as one of the most important outcomes. Customizable interface can be modified for different tasks, photo enhancement gives solution to problems like barrel distortion, and hardware support provides more controller to increase efficiency.

As another important outcome, the program can be modified to execute more specific tasks or new tools can be programmed by users due to its open source property.

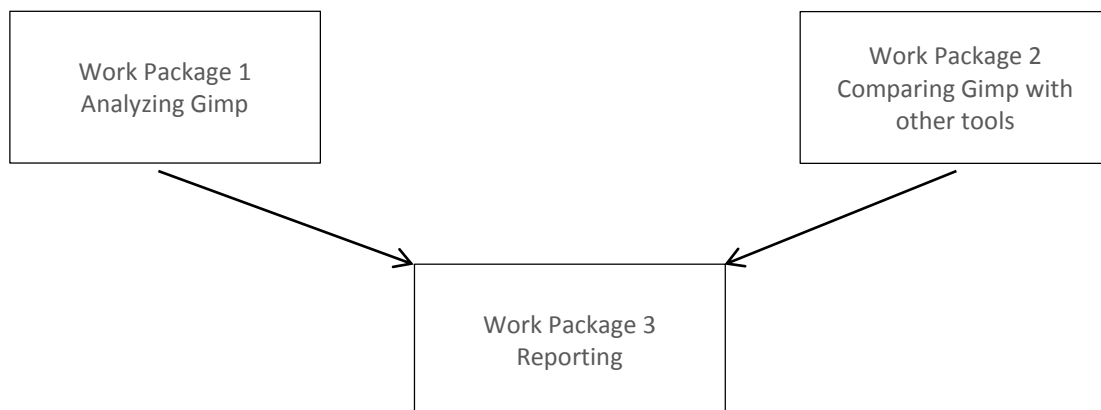
5. Value

As a value, a strong tool for image manipulation can be chosen with the help of usability research. GIMP allows to design projects with a better efficiency, it runs on multiple operation systems, and it does not require any license fee, which is a big plus for companies.

6. Methods

Comparing other image manipulation tools and historical process are what our method is based on. When we compare GIMP and Photoshop which are the most common image editing tools, the biggest and important advantage of GIMP is that it is free and open-source while Photoshop is a very expensive software. Some image manipulation tools run only one operating system such as Paint.Net which run only Windows while Gimp works on any different operating systems such as Windows, Mac OS and UNIX with its later versions. Another significant feature that should be taken into consideration is saving documents in different formats. However, most of the image manipulation tools such as PhotoScape does not provide such feature and keeps only JPG while GIMP provides many file formats such as GIF, PNG, and JPEG. GIMP supports more different applications in a wide area while many of image manipulation tools focus on more specific applications. For example, Photo-Brush does not have a video editing tool, nevertheless GIMP provides this. We proceed using a marvelous image manipulation tool which has the most important features and values that such a tool should be named as GIMP. At the beginning, it had created for only one operating system, Linux. It adjusts for many operating systems developing up to now.

7. Schedule and Cost



8. Conclusion

In conclusion, we aim to provide best image editing tool with the necessary qualifications to your institution by conducting a study on the usability of open source and free image manipulation tool GIMP. With this software, any kind of image processing and enhancements is possible without paying any fee. Also, as another gain, it can be modified to create your own tools according to needs thanks to its open source property. We aim to service in long term with the newest versions of GIMP.

9. References

- [1] The Gimp Documentation Team. (2000-2001). *GIMP User Manual*. Available: <ftp://ftp.man.poznan.pl/pub/gimp/docs/gimp-user-manual.pdf>