



Computer Science

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**Web map visualization of
road inspections for the
Swedish Civil Contingencies Agency**

1 A General Evaluation of the Project

In general we think that is an interesting and useful project. It is treated a very important aspect such as the state of the rotes for secure the communications. The project is a very useful help for the Swedish Civil Contingencies Agency, MSB (*Myndigheten för Samhällsskydd och Beredskap*) in the tasks of participation in relief activities in foreign countries.

2 Comments on the Project in Relation to the Dissertation

The documentation is fairly complete and leaves no loose ends. Only we have seen some small bugs in the document itself such as the appendices referenced in the pdf document do not match those in the initial index. In the pdf document are referred to letters while in the index they appear with numbers.

2.1 Title

“Web map visualization of road inspections for the Swedish Civil Contingencies Agency”

2.2 Dissertation Layout

The structure of the document it is very appropriate and each section is clearly differentiated and explained.

The number the pictures is enough to understand the development of the prototype and the appendices help to better understand more technical aspects of the implementation .

2.3 Scientific Method

The Scientific method is a prototype implementation (a Case Study) to provide proof of concept. The prototype is well designed but not yet complete, so all the parties without implementation are specified in the documentation as well as the improvements such as

automate the process of creating KML files (positional data) or fix known problems: to test another browsers or allow to modify the data in an inspection already done.

We think it would be necessary to know the link to access to the prototype, to see how it works and to check it. It would be useful for us to have more technical information about the server where the prototype is located.

2.4 Argumentation and Conclusions

The argumentation in general in the entire document are relevant and especially in section 4.2 where are explained the possible problems or failures in the prototype. The known problems are listed as well as possible solutions that could be applied to solve them.

The conclusions are extensive and they appear in the Section 5 called "Evaluation". Concluding the acquired knowledge, aspects which could be changed in the prototype and another areas of application are shown.

2.5 The Abstract

This section is clear and concise and it is a good exposure of the general idea. Reading the abstract, for the reader it is easy and quick to place in the environment project, to know the problem area and the given solution.

2.6 Language Aspects

We have not have problems with the language used in the project. The documentation has been written in a common language except for some more technical aspects which there has been no problem looking for more information on references or on the Internet.

2.7 References and Sources

There are a lot of references and it has been very useful to understand more about the prototype and about programs named in the documentation or software but we miss the right work of these references in the pdf document and maybe the existence of some reference book consulted by Google or physically in the library.

One small failure with regard to references in the pdf document is that they do not work and it is tedious and inappropriate to go to the final references by hand for finding the links and writign them in our browser to see the information.

2.8 General Comments on the Project

Ignoring some bad small aspects, the project has a very good development and above all very well exposed to a potential client through a comprehensive and elaborate documentation.

3 Chapter by Chapter Evaluation of the Dissertation

3.1 Chapter 1

This chapter is an introduction of the project. This section clearly explains why there is a need of the prototype developed in the project as well as the requirements of the latter. Finally, it summarizes the contents of each of the sections in a very concise way.

3.2 Chapter 2

The chapter 2 is a little more extensive and has a large number of sections. The background is quite complete.

It covers all the components of the prototype. It clarifies concepts such as MSB, RAPID or DPAS and explains all the parts of the prototype in a general and without going into great detail. These developed parts are: user interface, database, media files, positional data files, maps and safety aspects. Reading eight pages the reader can know roughly how work the prototype.

3.3 Chapter 3

The experiment is shown and explained itself in this section. There are more technical aspects when the implementation is being explained but the documentation is easy to understand and concepts are clear. Here the illustrations are very helpful to visualize the appearance of the web map prototype and the user interface.

3.4 Chapter 4

The chapter 4 is the most self-critical the documentation because it lists known problems in the prototype as well as possible solutions that could be done to correct them.

3.5 Chapter 5

The conclusions are in this section and are a set of points such as time planning, acquired knowledge, other areas of application and again they are exposed some self-critical aspects that could have been done differently in the project development.

3.6 General Comments on the Dissertation

Although there are many aspects to become a complete and usable prototype, the development of possible solutions and the integration of different modules in the existing system represents a good job. The documentation has been very enjoyable to read and very understandable even for someone who is not aware of more technical aspects. In conclusion, the project arouses interest and is well developed.

4 Final Comments

If we must summarize briefly our assessment and taking into account the documentation and previous exposure of our colleagues on a trial in the last class, we can say that the project is quite satisfactory.