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A model for energy efficient operation of dense WLAN deployments
A General Evaluation of the Project

The project seems to be complete. All the background information needed to understand the project was given in the beginning of the thesis. It is an interesting topic and its study and the development of an application for doing the experiment, were done in a correct way.

Comments on the Project in Relation to the Dissertation

The dissertation explains perfectly in detail how the project was developed. It provides the hypotheses, the mathematical formulas used for the calculations, an explanation about how the tool works, and the results of the experiment for their evaluation.

Title

The title describes well what the thesis is all about.

Dissertation Layout

The structured used for the dissertation is good organized. Missed summaries of certain chapters.

Scientific Method

First they state all the facts and then they defined all their assumptions. Then they explains all equations used and in the end there is a conclusion of there findings.

Argumentation and Conclusions

Argumentation are explained in a right way and lead to the results obtained. The conclusions are correctly derived from the results and meet the argumentation given.

The Abstract

The abstract part is too lengthy, but it is correct to have a previous idea about the dissertation.

Language Aspects

In general, the language used is very formal, but perfectly understandable. The explanations are correct and fluid. Some paragraphs have a good use of the commas, but other ones miss them.

References and Sources

The references for the thesis are good and correctly used. There are a few references that are in Spanish and can therefor be hard to read.

General Comments on the Project
The project is interesting. It has several concepts unexplained, but the content is complete in general for an accurate idea of the experiment.

Chapter by Chapter Evaluation of the Dissertation

Chapter 1

The introduction is good. They tell why this study is needed and comment already done studies, mention the main goal and in the end tell how the thesis is structured. MT is unknown if someone doesn't read the abstract while WLAN is mentioned in abstract and not explained until Introduction chapter. Why is considered a static scenario? Maybe it could be good to explain that it is considered because of the complexity of choosing a dynamic scenario. About the [8] reference if it does not work, it is missed a little explanation of the reason why 10W is chosen.

Chapter 2

This chapter explains some background information on why technology like this is needed. They also show what reference reports they have been using and what they say. It is not explained what RoD (resource-on-demand) is and there is not reference of it.

Chapter 3

The chapter explains first all the assumptions taken for this project, then they speak about all the necessary formulas and considerations for the experiment, and it is very detailed. What is a connection of capacity B?

Chapter 4

The Performance and Evaluation section presents the results of the experiment in graphs and text with a high detail level. It is expected a brief summary at the end before the Summary and Conclusion section, in order to understand in few words the results. A graph of the coverage of an AP would be good?

Chapter 5

The Summary and Conclusion section is brief but complete. It mentions all the important aspects explained in the document in a concise way. It also proposes the study of other modules with different features for the future.

General Comments on the Dissertation

The general overall structure is good, but there would be good with a more consistency with the summary section, either to have it in all chapters or not at all. The content is complete enough for the purpose of the experiment.

Final Comments