**,Brief Introduction to Graph Database and Its Applications**

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*Summary*

The aim of this report is to give a brief introduction to graph database model. Focused on two research questions:

• what special features do graph databases have in comparison to relational databases?

• what are the application areas of graph database model?

**Results**

Graph database model is not a newly introduced model that appeared in the last two decades. As early as 1975, graph data model was already introduced. The rapid development of the internet and other technologies required the academia and the IT industry to search new ways to represent, organize, and analyse the increasingly larger data sets.

**Special Features of Graph Database**

It is natural that at this point graph-shaped data and graph analytics become more and more relevant and attractive to be applied in database technology. This section first presents several features that are special for graph databases in relation to relational databases. Then some application areas of graph databases are presented as examples:

* Graph database has the graph structure as data;

It is a more natural way for human being to represent and define the start and end nodes for the relationship between them.

* There is no predetermined schema in graph database;
* It can handle complex queries.

**Application areas**

**-** A variety of computer and IT related problems;

For example, modelling online code repositories, tracking dependencies in software engineering, and managing virtualization all can be dealt with like graph traversal problems.

- Biological network analyses;

- Social network analyses.

**Disucssion and Conclusion**

In this study, the graph nature of graph databases is found to be responsible for their key features and capabilities. However, it also determines their limits when it comes to certain types of applications.

*REVIEW*

**Subject**

So the subject of the report, even for me, a software student, I wasn’t a great fan of the subject, for me was way more enjoyable the application areas section than the Special Features of Graph Database and the whole concept of the report. But I can see why you have choose this topic.

**Structure**

**TITLE**

Firs thing I wanna touch is the Title, I think you should omitted the word brief, just doesn’t fit in a title of a report, you could just give the title as Introduction to graphic data base and then on the report have a section about some of its applications like u did.

**ABSTRACT**

Then I think the weakest part of your report was the abstract, where I can tell u have trouble using linking words as you are constantly using the word “the” so it seems like your whole abstract is a group of independent phrases. Despite that, your abstract summarises what this report is about.

(Table of Contents…only contents.)

**TOPIC**

I think you had a wrong way on how to approach this theme, I think the topic is to wide for a 10 page report, you could still choose something in this subject but something smaller and easier to get for the person who reads it.

But overall, I think it was a well-written report aside from the minor grammar errors but not that important because is mainly spelling problems and at least doesn’t change the meaning of the sentence,

**CONCLUSION**

And to finalise I didn’t like that much about your conclusion, because u didn’t really conclude anything you just wrote every topic you talked in the report.

**Content**

You had good and searched content on it.

Both aim, and research questions are very focused in the results of the report. Clearly answered each of them and gave simple and understandable examples to each. References are in connection with the text facts.

**Language**

In general, I think the language accuracy for the given report is great. It is appropriate to the subject discussed and overall written in a formal way.

Text sometimes lacks linking words as you have some minor grammar errors.