8. Discussions

In the newly designed website, the information on the university website will be given well-defined meaning, and this will enable computers and people to work in co-operation since the vision of the Semantic Web as a natural extension of the World-Wide Web is to enable the machine to understand the human inputs. In this new Semantic Web, XML is no longer just the universal format for structured documents and data on the Web, but Ontology information that cannot be represented by XML Schema is carried by a new ontology language SWOL. The website is fully functional for as many visitors as possible across a wide range of browsers, devices, and operating systems, without negatively affecting the performance of the website. And the content is viewable, and page design degrades gracefully, depending on how well the visitor's browser adheres to common web standards. Noteworthy, the concepts used in this paper if applied properly can enhance the ranking of a university. The website that is designed according to web 3.0 standards will have a clear presentation of information and the information itself will be current.

9. Conclusion

In this paper, we proposed a framework for establishing a Semantic Web in a University Website. In fact, the information in the website has been organized in conceptual spaces according to its meaning by using Semantic Web and Ontology technologies. The University of Gezira website have been upgraded to Web3.0 standards and according to the universities website standards. We expect that the usability of the website will increase to its maximum level, and the site organization will be enhanced to the highest level. Also, the following metrics can be enhanced to their maximum level: contents, compatibility, using file naming rules, using folder naming rules.

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