**CHAPTER FIVE**

**5.0 CONCLUSION AND RECOMMENDATIONS**

**5.1 CONCLUSION**

In this project, ninety electrical models have been evaluated with a newly developed software application Powersoft, using Microsoft virtual studio 2010. The package has four interfaces for collecting inputs. Codes were written for all the models and displayed in a client application. Results were generated and displayed in tabular form with previous researchers’ work. The results from the package are found to be accurate when compared with researchers’ results. Powersoft would benefit student to study independently and delivery of lecture by the lecturer would be flexible and at a faster rate.

Power / electricity software, apart from helping the students, also helps to improve system reliability to achieve high availability. In building of new power plant, installing of transformer and laying of cables e.t.c. .Power/electricity software, operational efficiency can be improved to increase energy savings and sustainability.

**5.2 RECOMMENDATIONS**

Production of a software that could compute electrical models will definitely bring a drastically reduction in the voluminous lectures notes of electricity when used by lectures.

For more efficiency of this package, more works need to be done in the following areas.

* Introduction of short-cut keys for easy access and usage of its navigation.
* Implementing more models to enhance its extensive use in the study of electricity.
* Graphical presentation should be included in the software, since the current state package has no plotter
* For the package to be more user-friendly, pictorial presentation should be included in the package.