ABSTRACT

In the development of information technology has spawned a variety of technological breakthroughs in recent years, from the birth of the internet, Java technology and the latest is. NET from Microsoft. This concept is called the application of the Power Circuit learning module. The application concept of the Power Circuit learning module can be applied to learning at school or on campus. Prodi D3 Telecommunication Engineering adds courses Electric Circuits as learning media for students / i. Due to the Electricity Circuit is one of the subjects in D3 Telecommunication Engineering, so there are still many students who follow the course of Electrical Circuits have not understood the material, this causes the student / i is getting less satisfactory value.

To overcome the above problems, then made an application of Power Circuit learning module in implementing Microsoft Visual Studio as a medium of learning in the course of Electric Circuits. Microsoft Visual Studio is used to perform for application development, be it business applications, personal applications, or application components, in the form of console applications, Windows applications, or Web applications.

Test results show, on functionality testing all functions are running as it should. This Final Project produces an application of Power Circuit learning module integrated with Microsoft Visual Studio. Then, on qualitative testing (questionnaire) it is found that the qualitative calculation has an average value of a 3.17 scale of 4. It can be concluded that according to the questionnaire scores the application system of the Electric Circuit learning module is pretty good.

Keyword : Mahasiswa/i, Visual Studio, Modul Pembelajaran