

Development of English For Special Purpose for Engineering Based E-learning

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Developing English for a special purpose (ESP) for Engineering Department (Study of Computer, Electrical, and Informatics) with implementation in particular in the field of English language teaching technique is based on e-learning. The English language module development to prepare students of Engineering for entry into the industrialized world, we need a media that allows one to make the process of learning English with flexible hours. In other words, the learning process can be done anytime and anywhere. Therefore, to use the website as a medium of learning for a website Internet applications that can be accessed anywhere. Aspects of the attractiveness of this can be done by implementing e-learning English language learners is based on a needs analysis. By applying the concept of e-Learning, the learning process can be carried out effectively because the teacher can monitor all learners. In addition, the interactive process and delivery of content can be done through the media website. This website is created with the objective of helping the learning process in the effort of understanding the English language. Darin E. Hartley says: e-learning is a type of learning that allows teaching materials to students using the Internet, Intranet or other computer network media. Because the ESP study conducted in the Engineering department, students who incidentally is not a language class, then the tape facilities, TV, stereo, cassette and others are not available. According to Haryono "no facilitation results in lower portions of even the loss of language skills in the teaching and learning process ESP". Hutchinson and Waters (1994) say : that ESP is an approach to teaching English in which things are taught and their teaching methods are based on the reasons why the learner wants to learn English.

The aims of this research are to develop science and technology, particularly in terms of developing module ESP based e-learning, to produce e-learning that increases student interest in learning and developing science and technology, particularly in terms of developing e-learning English for Engineering.

The method used in this research is qualitative descriptive through 5 stages: 1) data collection, 2) Analysis of systems data, and information that has been obtained in the data collection phase were analyzed to get a global framework which is then used as a reference for the modeling system to be created, 3) The design, created from the user side of the student and teacher friendly 4) Initial Implementation Applications will be implemented in the form website 5) Evaluation of applications that have been completed are implemented will be evaluated, which will do a correction and refinement of the program if necessary. 6) Implementation and testing the implementation of the database, the implementation of software modules and interface implementation. This application can be used as a solution distance learning through e-Learning.

The result of this research is in the first semester (1-2) less can help to achieve learning objectives given the entry-level English learners, the average is at a beginner level, data were collected from 60 respondents (3rd semester) using a Likert scale. Development of module English engineering (ESP) based on e-learning- that strongly agree 35 people, who agreed to 20 people, who do not agree with 3

people, and who strongly disagree 2.

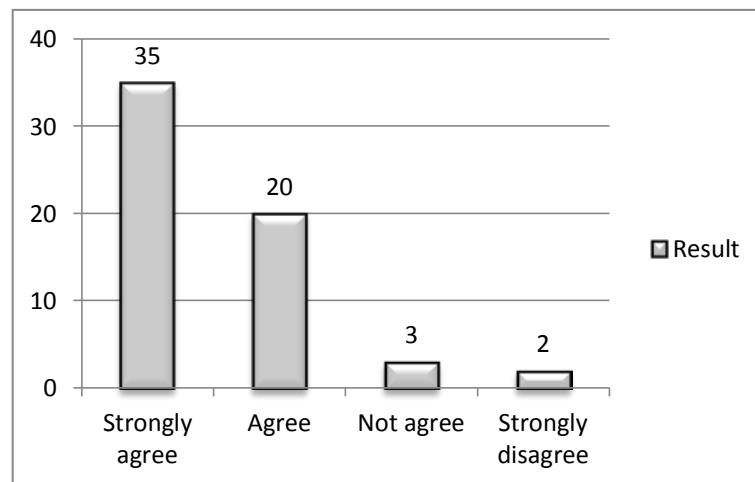


Figure 1: Developing English for Special Purpose

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