ABSTRACT

Elearning is an education system that uses electronic applications to support learning with the Internet media, network computer, or standalone computer. Elearning in two types of known methods of delivery, namely Synchronous and Asynchronous. Synchronous Elearning allows teachers and students are in class and at the same time even though the place is different. For example, a student at the University following the lecture through the teleconference with the professor at Stanford University. However, there are some constraints on the large bandwidth and high cost, as well as Indonesia itself is not ready for this level from the point of view and the high cost needs. To overcome it is known that one method is called Asynchronous Elearning that allows teachers and students in the same class, although in a different time. Asynchronous Elearning has two types of content that is the base text and multimedia base.

Application form Asynchronous Elearning in the web that put more emphasis on the content (content) to help understand algorithm and data structure subject Data Structure Algorithm is a compulsory subject with 3 SKS for D3 Informatic Engineering, Telkom Institut of Technology.

Keywords: *Asynchronous Elearning, Subject Algorithm Data Structure, PHP, MySQL*