IMPLEMENTATION OF WEBSITE-BASED E-LEARNING INFORMATION SYSTEM
(Case Study: Indonesian Methodist Christian College Middle School)

Yovandri Panjaitan, Adityo Permana Wibowo S.Kom.,MC.s
Information Systems Study Program, Faculty of Science & Technology
University of Technology Yogyakarta
Jl. Ringroad Utara Jombor Sleman Yogyakarta
E-mail :yovandryyvandryy@gmail.com, adityopw@uty.ac.id,

ABSTRACT

The learning information system at the Indonesian Methodist Christian College still uses whatsapp and zoom media. This is not very effective because students are sometimes constrained by the internet connection to take part in the online learning. Based on the above constraints, an e-learning information system design was made at the Indonesian Methodist Christian College. It is hoped that this e-learning information system will be able to help Indonesian Methodist Christian College Junior High School institutions in the learning process carried out with a standard curriculum. This system will also carry out the process of providing learning materials and collecting task data. The method of designing flowcharts, DFD, DAD, tier diagrams and designing interfaces and table relations have been carried out. Database implementation related to e-learning information system from creating database, view, insert, update and delete has also been tested. Activities are carried out with the process of the SADT and blackbox methods. As well as making ERD from the relations of each table in the design of the database design in accordance with the desired business processes in database testing. And the results of the design help in the process of uploading assignments and materials.

Keywords*: Information Systems, Learning, E-learning, My SQL.*