ABSTRACT

Knowledge Management System (KMS) is a tool that can support knowledge management process to run well and smoothly. Information System study program at IT Telkom is a study program that has developed rapidly. This is caused by the community interest are growing every year and the needs of the workfore toward information system study program graduates also increasing rapidly. In order to optimize information system graduates, information system study program attempts to make the teaching process goes well and appropriate to the goal. Therefore, Information System study program need to built web-based teaching process media as part of the Knowledge Management System that can manage the knowledge.

Teaching Procces Media created by using waterfall system development method in web based for the high accessibility. With the method of waterfall, developing process of Teaching Process Media will using CodeIgniter framework so as to make further development going easier.

Teaching Process Media has the functionality to support the teaching process so that existing knowledge can be managed properly. managed teaching video is a major feature that can help teachers and students to optimize the results of the teaching process. The process of providing comments, ratings and feedback on teaching videos is a feature that is useful in collecting existing knowledge.

Keywords: Knowledge Management System (KMS), web, teaching process, waterfall method