

ABSTRACT

Governance of information technology is an important part in the organizations in order to assess how far the advantage of the use of information technology in an organization. To do the assessment of governance teknologi informasi (it audit) an organization can be implemented by using an answer from the collection of respondents through questionnaires of maturity level that was found in a framework cobit 4.1. But in the questionnaire of maturity level there are many attribute to be filled by respondents that require a lot of time and guidance. Hence need to be made a web-based application that can be accessed by respondents anywhere and give guidelines to filling out the questionnaire respondent not confused in the process of answer from the questionnaires of maturity level. In the development process this application a use programming language, framework codeigniter and use mysql database by doing programming structured approach. This application have some of the features of them features data processing the results of the implementation of the governance assessment information technology compliance with the wishes consultants, guidance to help determine the value of any process that was found in in the questionnaire, Storage feature answer questionnaires the level of maturity for any process and recapitulation the results of the answer to every process of maturity level, The distribution of answers table the recapitulation of the respondents and representation of the value of ripeness in the form of a diagram radar.

Keyword : IT Governance, IT Audit, Maturity level, php, Mysql.