

ABSTRACT

Information Technology Governance is an important part of the organization in order to assess how the advantages of the use of information technology within an organization. Therefore, companies need to do a diagnosis to himself about what needs to be done to effective information technology governance and identifying opportunities for improvement through IT Control Diagnostic questionnaire. Data collection of respondents with IT Control Diagnostic aims to determine whether IT processes done at this point yes / no, how well the IT process is conducted and what kind of formalization of procedures / policies for the IT process. Problems that exist in IT Control Diagnostic questionnaire is respondents was could not filled out a questionnaire be a sustainable when the unfinished filled so that responses to questionnaires difficult to recap. Therefore, need to be made web-based application that can be accessed by respondents anywhere without having to only fill in workplace. In the process of building This application uses programmatically language PHP, CodeIgniter framework and uses a MySQL database with structured programming approach. This application can do processing of report respondents IT Control Diagnostic per attribute in the form of percentage and questionnaires can be stored temporarily and without must finished at a same time.

Keywords: Governance, IT Control Diagnostic, Data collection of respondents, application builder