

Abstract

PT. Alfindo Perkasa is a company that performs work contracts with people or the government or other companies to supply goods or complete certain service. In one year, PT. Alfindo Perkasa receives 5 to 20 projects ini on year. In project Manajement problems, there is still no application that is able to make RAB (Automatically Budget-Estimate Plan) automatically. With the aim of implementing the project manajement application, it can help create a Budget Plan (RAB) automatically. This is because there is still no project management application that can be used by the project heads of PT. Alfindo Perkasa. In the development of open source applications that are increasingly intensive and rapid, what can be seen today are many customized applications that have emerged from various developers or innovators. One of the PHP framerwork is CodeIgniter which is a framework with an MVC (Model, View, Controller) model to build dynamic websites using the basic PHP (Hypertext Preprocessor) programming language. So from the conclusion that the Project Management Application has been successfully made with the test results from ISO/IEC 9126 and requires good ISO/IEC 1926 test results. With this research method using research and development methods (Research and Development) and using the Waterfall Development model.

Keywords: MVC, Framework Codeigniter, Open Source