

ABSTRACT

Title : Design and Build Application Upgrade and Replace Automotive Parts in Workshop CodeIgniter Web-Based (Case Study: ENGINE +)
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The Upgrade and Replace Automotive Parts Program at the Workshop is a program to improve the record of buying and selling data on auto parts or spare parts, and also to record the stock of goods in the warehouse inside the shop conducted by the ENGINE + workshop. However, many obstacles that occur in its implementation, such as processing data and information needed by the company can not be done quickly from the start of sales transactions, purchase transactions, recording debts, recording accounts receivable, stock details available in each of the available warehouses. So we need an application that can handle obstacles that occur. Seeing these problems then the idea arose to build "Application Upgrade and Replace Automotive Parts At Workshop". The method used is the method of observation, literature study, SWOT analysis as material to analyze problems and the Waterfall method as a method of software development. The programming language used is PHP with the CodeIgniter framework. The database used is MySQL. With this application, the expected results can be used as a solution to overcome existing problems.

Keywords : *Applications, Workshop Programs, Web Based, CodeIgniter Framework*