

ABSTRACT

Working capital is the costs that will be incurred by the company to finance the daily operation of the company. Management of liquid assets such as cash, accounts receivable, inventory and working capital is not managed well as the absence of recording cash-in and cash-out, customer receivables and inventories of finished goods so company didn't know how many times the turnover of funds allocated to operational activities back into cash again and company didn't have any plan of what to do in the next period. Based on the problems above, the purpose of this study was to generate turnover calculation application of current assets and working capital, the calculation of the period dependent current assets and working capital as well as be able to know the value of current assets and working capital for the next period. This application was build using waterfall method. Structured model such as Data Flow Diagram (DFD) and Entity Relationship Diagrams (ERD. This application was created in a web-based form using PHP programming language and MYSQL database. The software test was conducted using black-box testing. The application generated a reports in the form of journals, ledgers, customer billing list, a list of debt, working capital turnover tables and graphs working capital ratio.

Keywords: web-based application, management of working capital, working capital turnover.