

ABSTRACT
POINT OF SALES (POS) WEBSITE DEVELOPMENT USING
SCRUM METHOD
(CASE STUDY BAKUDAPA COFFEE SHOP)

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Bakudapa coffee shop is an MSME (Micro, Small and Medium Enterprises) that focuses on selling coffee drinks. The payment process is still done manually by recording in the order book, data processing in controlling the entry is also disrupted and it often takes quite a long time to calculate again so that the data matches what is in the notebook. So a solution is needed to solve the problem of recording orders and processing financial income data reports, namely by building a website-based Point of Sales (POS) application. In designing this website-based POS application, the researcher uses the agile method with the scrum model, then in testing the system using black box testing with equivalence partitioning techniques and white box testing with statement coverage techniques. Researchers in system development use the scrum model which is divided into 5 sprints with a duration of 2 weeks with a maximum of 40 story points per sprint. Before the sprint begins, the scrum master has made a product backlog, during the sprint implementation there are several stages, namely sprint planning, sprint goals, daily scrum, sprint review and sprint retrospective. The results of this study researchers have tested White Box Testing with the statement coverage method with the results obtained 88.54%. The results of the calculation of the percentage of statement coverage are converted into qualitative data with a Likert Scale interpretation, so that the Point of Sales application has a very good feasibility value with a percentage of 88.54%. The conclusion obtained from this study is that the use of this system can make it easier for shop owners to record transactions, with this system it makes it easier for shop owners to manage data, with this system it makes it easier for shop owners to get sales reports with a certain time span.

Keywords: POS, Scrum, MSME