

ABSTRACT

Public concern for health has increased since the Covid-19 outbreak occurred. Growth that continues to increase accompanied by an increase in people's purchasing power for medicines and vitamins causes frequent stockouts, therefore it is necessary to do proper handling so that business actors in the pharmaceutical sector continue to have stocks of medicines to meet consumer demand. Alima Drugstore is one of the businesses in the pharmaceutical and drug industry that sells limited over-the-counter and over-the-counter drugs. The business process at Alima Drug Store is still done manually, because the various types of drugs make it difficult for owners or employees to collect data. The impact of manual data collection is that the information is of poor quality and not timely, causing biased judgments. Alima Drugstore also procures every month to avoid running out of drugs, which causes drug buildup, causing high inventory costs. This study uses the Rapid Application Development (RAD) method for its completion and Blackbox testing as a testing method where test conditions are developed based on program functionality and also uses the User Acceptance Test (UAT) as a validation testing method. The result of this research is a drug inventory management information system and web-based transaction data that aims to deal with problems at Alima Drugstore, such as high inventory costs and overstock due to non-realtime data collection and also an imbalance of outgoing drugs with incoming income.

Keyword — Information System Design, Black Box testing, UAT, Overstock, Website