ABSTRACT

The era of digitalization stimulates business growth online without being constrained by the distance that separates the parties, many businesses such as MSMEs and start-ups are starting to emerge. Business in the digital era also has its own uniqueness, namely using data as a resource to make all lines of business better. Dashboard is one way to make the processed data easier to understand because it applies the concept of helicopter view where users can see all the results of data processing in the form of visualization in a dashboard. In its application a dashboard consists of several parameters called key performance indicators (KPI), each KPI aims to measure different performance but are interconnected with one another. One of the frameworks that can be used to realize a dashboard that is in accordance with the wishes of the user is "Scrum". Scrum is an agile method that allows interactive development design, Scrum reduces communication barriers within the internal team by way of sprint work in order to get an effective and efficient final product. The scrum method is carried out in a small team which consists of the product owner, scrum *master* and the development team, with the stages of the method including (1) Product backlog, (2) Sprint planning, (3) Sprint, (4) Sprint Review, and (5) Retrospective Process. There were 13 PBIs carried out in 8 Sprints, then Black-box Testing was carried out which contained 4 main features tested which were made in 6 scenarios with a total result of 6 scenarios being successful and completed in the first iteration.

Keywords — *Dashboard, Analze, Scrum, KPI*