

ABSTRACT

DESIGN AND BUILD A PACKAGING DATA COLLECTION INFORMATION SYSTEM ON WEBSITE-BASED STARTUP ALLAS USING THE SCRUM METHOD

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Data collection is one of the important factors in the process of business activities and the method of data collection can affect the access of business owners to the right information. The results of interviews conducted with Allas, namely Laurencia Cindy Saputra as Co-Founder of Allas, stated that consumers using packaging from Allas increased every year with a total of 600 users and a total of 300 users who became members, in line with the increase in consumers, the number of packaged owned by Allas has also increased every year, starting from 2021 there were 300 packages then in 2022 it increased to 600 packages and also the increase in restaurant partners from Allas was increasing every year, starting from 2021 there were 10 restaurant partners then in 2022 it had increased to 26 partners. With the increase in data owned by Allas, Co-Founder Allas stated that the data collection that has been carried out so far is still using the manual method, giving rise to various obstacles such as data collection that takes a long time and is prone to data errors such as spelling errors or data input errors, so that data entered does not match the data contained in the field, this can be fatal because if there is a discrepancy between the data and the data contained in the field, it can cause the failure of the packaging order by the consumer. This study aims to build a website-based packaging data collection information system using the scrum method, using the scrum method because the scrum method has responsive software development based on the Agile method which can provide the highest value and utility for the software being developed. The testing method used in this study is the black box testing and white box testing methods to ensure that the functionality and program have no errors and run as required by the business.

Keywords: *Data collection, scrum, black box testing, white Box Testing, website*