ABSTRACT

The cause of nutritional problems experienced in Indonesia is the lack of sensitivity of people to healthy eating patterns and there is no tool to find information on how to do a healthy diet according to daily calorie needs fulfilled with food recommendations that can be ordered directly on these aids. This can be seen from the survey that we made, it can be seen from the four main factors that the community is not sensitive to healthy eating patterns, namely the lack of information about healthy eating by 31.5 percent, 30.3 percent do not have time, expensive service prices by 27 percent, and the response a provider of less than 11.2 percent, with this being a question, what solutions can provide information to make a healthy diet according to the calories needed and food recommendations that can be ordered directly.

The solution offered by Foodritious startups is to conduct research into the development of Foodritious website applications to help the problem of the lack of sensitivity of people to healthy eating patterns. Foodritious website application development was developed using the Iterative Incremental method using the Laravel framework, the Iterative Incremental method process is a development that is designed into several design stages and does not require too many resources so that it fits the circumstances of the Foodritious startup team and can quickly adapt if there is a change in mid development iteration.

Based on the test results using one of the Black Box Testing methods, namely Scenario Testing in Foodritious applications in the first phase Foodritious get a percentage of testing of 92.8% of 10 respondents active users in the Foodiritous application, and for the second phase Foodritious get a percentage of testing of 100% of 10 User respondents who are active in the Foodiritous application for testing improved features in the previous Iterative Incremental phase and in Stress Testing show a result of 32.68% from 1000 users so that they need to increase and add bandwidth, Random Acess Memory (RAM), and processor, and migration to cloud hosting.

Keywords: Nutrition, diet, *startup*, *Iterative Incremental*, *Scenario Testing*, Foodritious