ABSTRACT

The growth in the number of Telkom University students in 2018 was 24,602, this number is far more than in 2017 with 23,051 students. This was followed by the growth in the number of stalls reaching 703 in 2018. Increasing the number of stalls and students encouraged stall entrepreneurs to innovate by providing food delivery services or food delivery, unfortunately the dissemination of food and beverage information was still using conventional media such as brochures, so that when stalls having a new menu or changing prices, the stalls must print and give back the brochure to students while the problem faced by students, namely the difficulty of students knowing the status of the stall or the current menu price. Dikampus startups were born to answer these problems, namely by connecting Dikampus startup partners or stall owners with students through a bot line. The line bot itself is basically an official line account with more reply text features and which cannot be done with a regular official line account. As well as the integrated web therein with the help of line front-end framework (LIFF). The development of line bot itself uses an iterative incremental method by collecting qualified interview requirements so as to produce a line bot with features such as food ordering, registration and confirmation management consisting of 2 iterations, for the results of testing application availability, using three stages such as unit testing, integration testing and stress testing with total success at stress reaches 99.3%.

Keywords: Food delivery, *chatbot*, *messaging* API, Dikampus, web, web service, iterative incremental