

ABSTRACT

The development of technology in the industrial era 4.0 is very fast coupled with the COVID-19 pandemic, the development of technology is even faster. The digital ecosystem is one that has a fast development during the pandemic, many people need a complete platform to meet all their needs, so the presence of a digital ecosystem is expected to provide all user needs. One of the things that users want in a digital ecosystem is an investment module. However, at this time there are still few digital ecosystems that have this module. So that there is a need for a digital ecosystem that has an investment module to make it easier for users to access and use it, the creation of a website-based digital ecosystem called Ihya, especially the investment module, is a solution to this problem. The creation of the digital ecosystem website was made using an iterative incremental method as its development method. The development of the Ihya digital ecosystem on the investment module is made using the PHP programming language with the Laravel framework and the CSS Bootstrap framework, and stored in a MySQL database. The investment module in the Ihya digital ecosystem was tested using the black-box testing, user acceptance test, and load test methods. After doing the three tests, the Ihya digital ecosystem investment website fulfills user needs as an investment platform with a user acceptance test value of 85.1%. In the future, it is hoped that the use of the API will be used more to make it safer and better.

Keywords: Invest, Digital Ecosystem, Iterative Incremental, Black-box, User Acceptance, Load, Test, Laravel, Ihya