

ABSTRACT

PERANCANGAN BACK-END WEBSITE STARTUP CICILAN SYARIAH SYAWALL PADA MODUL ADMIN DENGAN METODE *ITERATIVE INCREMENTAL*

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Syawall is a website-based Fintech application in the field of installments, this application accommodates the Indonesian community, especially those who are Muslim, so that they can make online buying and selling transactions by way of installments without the need to think about the sin of usury and so on. To support performance and also ensure the security and comfort of all parties, we need a party who can supervise, control, and provide verification, so that the transaction will be safe and controlled, therefore the purpose of this final project is to develop the Syawall application on admin services, so that This application can be a stable, efficient, and safe application of course in the field of sharia transactions. The method used in the development of this startup is Iterative incremental. Iterative incremental and using code igniter as a framework, this method is very suitable in a heterogeneous system environment like today because with an environment that can change like this it requires a method that is quite flexible and also low cost so that it can easily adapt, the essence of this Iterative incremental method is a method that divides the development process into several parts, this method also does not consume resources and consists of several phases that will be directly proportional to the existing development, for the testing process the author uses the black-box testing method because the method focuses on how the main features work and very easy to understand, with a way of working that continues to require development such as Syawall, these two methods are very suitable, with time the system and features in Syawall will continue to develop, and hopefully Syawall can become a solution for the Indonesian people in the field of Islamic Fintech.

Keyword: Fintech, *iterative incremental*, black-box, Admin, *Database*