

ABSTRACT

The development of modern retail each year has a rapid growth which has an impact on the decline in small business developments such as traditional stalls, it is due to modern retail that has more competitive advantages, comfortable spending system, etc. Therefore, the research proposed that Warung Finder is designed to facilitate consumers to shop daily needs without having to visit the stall so that traditional stalls have a more competitive competitiveness against modern retail.

To produce a good application on the construction of Warung Finder, the system architecture is divided into two sides namely Front-end side and back side, this research will focus on the development of back-end side. To support back-end side, this study uses PHP framework for application development. The method used to build Warung Finder is Incremental Iterative, this method makes the user's needs a priority and supports a small team formation but requires a good result of the user's needs. Using MySQL as the Warung Finder development database.

The result of this research is the Warung Finder Application, which has incremental 3 times. The First Increment makes user features (displaying store on the map, search for products and ordering). The second Increment added a seller feature (add a shop profile, add a product). The third addition added a review and rating feature to users after ordering products and adding a monthly data recap feature for the seller. Testing of the Application is using the blackbox testing and loadtesting

Kata Kunci: *PHP, E-Commerce, Load Test, Back-End, Web-Application*