

ABSTRACT

XYZ Mango Farm is one of business at food sector, especially mango. Market scope of selling product is small, only to acquaintances of the business owner and closest family. And then, this farm still uses conventional methods in running its business, so this spend much time in each process.

This research aims to expand the market reach of the XYZ mango farm mango sales. Therefore, a website information system is created as an online sales medium to be able to reach a wider market. Then the efficiency and usability calculations are carried out using the System Usability Scale (SUS) to determine whether the information system created is more effective than the existing business.

The results of the efficiency calculation show that the offer business is considered more efficient because it has a higher average efficiency value compared to the existing business, which is 77%. Then the results of the usability calculation obtained the final result, namely 84.75, which means that the offer is considered acceptable and feasible to be implemented.

Keywords— Designing Information System, Website, Waterfall, System Usability Scale (SUS)