

Unit Testing dan User Acceptance Testing pada Sistem Informasi Tenaga Kesehatan Hewan (Dokternak) Berbasis Website di Kabupaten Bondowoso

Unit Testing and User Acceptance Testing in Information Systems for Website-Based Animal Health Workers (Dokternak) in Bondowoso Regency

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ABSTRACT

Software testing is a testing process that aims to find defects (bugs) in a program before the program or application is handed over to the user. The results of software testing can also indicate whether the software is functioning as needed or not. The Animal Health Personnel Information System (Dokternak) is a web-based information system that is used to facilitate the community, especially animal keepers in Bondowoso Regency, in obtaining information about Animal Health Workers, Animal Health Centers (PUSKESWAN), and animal health articles. This information system also functions as a medium of communication between pet breeders/lovers and veterinarians or other animal medical personnel. In the design of the Dokternak website, there are testing stages to test the system before being handed over to users/partners. The test will be carried out using the Unit Testing and User Acceptance Testing methods. Unit Testing is the level of testing on software units or components to ensure that each unit can run according to the needs of the development team. While User Acceptance Testing is a simulation of the real use of the application that is carried out directly by the user (end-user) on the functions of the application as a whole. From the results of the alpha testing phase, a percentage of application success was obtained by 98.2%, while the results of the UAT test showed that the website had met the needs of animal health services with a percentage of 82%.

Keywords: *Software testing, Information System for Veterinary Health Workers (Dokternak), Unit Testing, User Acceptance Testing*