

ABSTRACT

Pet is an animal that is treated as a friend in a person's life. In Indonesia, there are many pet owners. It can be seen from many communities of animal lovers, the communities that meet face to face, or communicate through the internet. Some animal lover activities are looking for information about adoption and articles on animal care. Animal lovers have difficulties to get information about pet adoption on the internet because there is small amount of websites that provide information about pets. In this research, a website which focuses on pet adoption is constructed. This website comes with some additional features using the iterative incremental method to provide a solution of the problem.

The website is applying the concept of crowdsourcing, which is the development of outsourcing in which the crowd needed to provide solutions to existing problems. Implement of crowdsourcing concept aims to provide an opportunity for visitors to be able to share information about pet adoption and animal care. Analysis and design of this website is done using UML and PHP framework CodeIgniter. The website is tested by functionality of the system and user feedback testing. The results show that the system has been built in accordance with the system design and user requirements.

The results of this research are pet website that focuses on the adoption of animals, which also can facilitate users to share information about animal adoption, animal care as well as other related information.

Key words : *crowdsourcing, iterative incremental, Unified Modelling Language, codeigniter.*