ABSTRACT

DESIGN AND DEVELOPMENT OF A CONSERVATION PLECI BIRDS WEBSITE USING THE USER CENTERED DESIGN METHOD (UCD)

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The system of bird registration and landing conservation geong bird farm products is The management system of bird registration and landing of conservation birds of geong bird farm is currently implemented using a manual method that has some limitations, including recording and for bird landing still unstructured still using paper media resulting in difficulty searching, accessing, and updating data when there is a problem such as certificate bird conservation is missing. The purpose of this research will be to design build a website of registration of birds and depositing birds conservation results using user-centred design method as a platform to integrate the needs of the geong Bird farm. This research has produced a geongbird farm website that makes it easier for owners to do the painting and filing birds so as to increase confidence and reduce the concerns of buyers when experiencing problems such as a certificate of lost birds can be made again with the appropriate data stored within the website. Design by applying a user-centred design method that puts the user as the main focus, the system is built using the PHP programming language, the bootstrap framework and MySQL as its database.The user interface test using the User Experience Questionnaire method resulted in an attractiveness scale of 1.85 in the excellent category, a clarity scale (perspicuity) of 1.85, an efficiency scala of 1.96 in the excellence category, an accuracy scala (dependability) of 1.65 in the good category, stimulation scales (simulation) of 1.63, and novelty scales of 0.88 in the above avarege category as a whole are above the +0.8 positive standard which means that the geong bird farm website design is acceptable to the owners and customers of geongbird farm. On functionality testing results using blackbox testing obtained results for customers are 63 successful scenarios out of a total of 66 scenarios and for owners or administrators obtaining 72 successful scenaries out of 74 means the total successful scenario is 115 out of 120 or in a percentage of 95.83 % so taken conclusion website geong bird farm into category eligible to use.
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Keywords: Website, Conservation, User Centered Design, Pleci Bird