

ABSTRACT

The health workers owned must also be improved their knowledge of the medical field. Health workers need to get good training so that there is equality between existing health workers in hospitals and health centers. So that it has competent health workers and can solve health problems. So we need a platform that can help Health Workers to make it easier to provide training. the positive response of health cadres when adding and very strong interest was 60.30%, with more than half of the respondents favoring the training method using the independent learning method with short readings. So that CISDI is encouraged to develop an e-learning website application as a medium for learning health workers. The features that will be developed are login, existing topic information, lesson information in the topic, pre-test, post-test, uploading assignments, providing feedback, creating certificates, viewing favorites, topic history, and notifications. In developing the e-learning website using the javascript programming language for code, the reactjs library as a website implementation tool, and iterative incremental methods for clear feature sharing. In the iterative incremental application, it produces two iterations running each stage to produce an e-learning website that will be tested using black box testing to test the website's functionality. The results of the tests that have been carried out on the CISDI e-learning website have been successful and can be implemented for Health workers to make learning easier.

Keywords: *iterative incremental, black box testing, e-learning, website, javascript, reactjs, health workers.*