ABSTRACT

E-library is one of the supports for teaching and learning activities, including the Wiralodra university campus environment which has the Wiralodra Indramayu University Library E-library. However, the Wiralodra Indramayu University Library still has room for organization and labeling, where information architecture has a role in these problems, therefore a redesign of Information Architecture is needed. To build the Information Architecture, it was done using the user stories method in the observation stage and Modified Delphi Card Sorting as a generative method. After the information architecture model is obtained, the model will be evaluated with Tree Testing as an evaluative method. After the final information architecture model is obtained, the model will be implemented into a high fidelity prototype to form a visual information architecture model. After that, usability testing is carried out using the Usability Scale system to test the prototype that has been made. After testing, the result is 71.6, so it can be accepted by the user.

Keywords: *Information Architecture, User Stories, Modified Delphi Card Sorting, Tree Testing, High Fidelity Prototype, System Usability Scale.*