ABSTRACT

*PT XYZ is a large-scale company engaged in the production and distribution of iron pipes for various industrial sectors. In its production process, PT XYZ utilizes various facilities and equipment to support its operational activities, including internal handling activities. Internal handling at PT XYZ refers to all activities involving the loading, unloading, and transportation of pipes within the factory area. Currently, PT XYZ is facing difficulties in recording these internal handling activities. The system currently used by PT XYZ is still manual and relies solely on microsoft excel. However, this approach is considered less than optimal, as the data is scattered across different locations, which hinders evaluation and monitoring processes. Therefore, this final project involves the design of a Management Information System (MIS) to assist PT XYZ in improving the performance of internal handling activity recording. The Rapid Application Development (RAD) method is used in the design process of this MIS. The phases of this method include requirement planning, user design, construction, and cutover. Once the system has been developed, verification is carried out using Black box testing, and validation is conducted through User Acceptance Testing (UAT). The validation stage yielded a result of 92.5%. This percentage, when compared to the interpretation criteria, indicates that the system has been well accepted by the users***.***

Keywords - ***Management Information System, RAD, UAT, Internal handling, Black box testing.***