

ABSTRACT

The TKBM Cooperative is an independent business engaged in providing and distributing loading and unloading workers at the port. This cooperative will distribute workers to carry out loading and unloading operations according to requests from the supply company or cargo owner. When carrying out operational activities, the TKBM Cooperative requires loading and unloading workers who have qualified capabilities. However, most of these workers have low level of education therefore these workers only rely on the basic abilities they have. Meanwhile, loading and unloading work carries a high risk to the workers themselves. Besides education factor, the age factor also affects the ability of loading and unloading workers because many experienced workers are old. This is a separate problem for the TKBM cooperative in improving the performance of the loading and unloading workforce (TKBM). The large number of loading and unloading workers (TKBM) is also an influence in the uneven ability of loading and unloading workers. Based on these problems, it is necessary to have a web-based application that can assist cooperatives in managing the process of manpower distribution and member management to improve the performance of each TKBM. The development of this application uses the Prototyping Model method because this method is suitable for this research since the TKBM cooperatives have not previously used web-based applications to assist cooperatives in distributing labor. So, with the prototyping model method, it can help in the development process to match the criteria needed by the TKBM cooperative. In addition, development becomes easier because communication between developers and stakeholders is well established. The result of this research is a web-based application that can be used by TKBM cooperative staff in the process of distributing labor.

Keywords : The TKBM Cooperative, TKBM, Prototyping Model, Web