

ABSTRACT

CV. Bagas Tirta Utama is a bottled drinking water company whose ordering data processing and production scheduling are still done manually. Order data is still recorded in the ledger and production data recording is still using a whiteboard provided by the company. All employees have access to record orders and production data. There is a possibility that the order data is not recorded and the product data to be produced is deleted, so that product production is missed and the possibility of delays in completing product production may occur. This research on web-based production scheduling system has the objective of designing and building a system that can manage and record orders and production scheduling at CV. Bagas Tirta Utama, which is expected to assist company employees in computerized order data collection and more regular production schedules based on orders received. This research will result in scheduling the production of products ordered by customers using the earliest due date (EDD) method where this method will provide information on the priority of order production based on ordering the earliest due date of the order.

Keywords: Scheduling, Production Scheduling, EDD.