

ABSTRACT

Rumah Kopi Mukidi was founded in 2011, which is located in Jambon Hamlet, Gandurejo Village, Bulu District, Temanggung Regency, Central Java Province 56253. Rumah Kopi Mukidi is one of the well-known coffee producers in Temanggung Regency. The coffee produced comes from the harvest of farmers in the Temanggung area. In the production process, problems are often found in ensuring the availability of raw materials, determining the products to be produced first and the production process that is not completed according to schedule. Data recording that is done is often wrong and creates inaccurate information on the coordination between divisions. This problem causes production results to often not match the needs of the store or warehouse. Therefore, to maximize production results, a production monitoring information system is needed. This Monitoring System can help to monitor every production process. The production process that is monitored includes determining the products to be produced, purchasing raw materials, and production planning as well as data reports for each product that has been produced. In making this coffee production monitoring information system, a system development method is used using Forecasting theory and a structured design concept consisting of Flowcharts, Context Diagrams, DFD (Data Flow Diagrams), ERD (Entity Relationship Diagram). The programming language and tools used are the PHP 7 programming language with the Codeigniter framework, Microsoft Visio for making diagrams and MySQL as data storage.

Keywords: Information Systems, Monitoring, Coffee Production, Forecasting.