ABSTRACT

Sua Coffee is a Micro, Small and Medium Enterprise (MSME) in Surakarta City which is engaged in the coffee shop. Due to unpredictable field conditions, the situation at Sua Coffee which still uses books and excel software for documentation and data processing, and has 4 employees with different task loads, makes the coffee shop have several obstacles such as: difficulty in monitoring and identifying availability raw material; difficulty in finding the required data; an error in recording sales data occurs; difficulty knowing sales patterns over time; and difficulties in monitoring sales targets and creating promotional programs. The reason is that the data in the coffee shop has not been documented and integrated so that the purpose of this final project is to design a-based management information system web that can store and manage data in real time.

Rapid Application Development (RAD) is a system development method chosen in system design in this final project. This method has four design phases, namely requirements planning to collect data, identification of access rights requirements, user requirements, and system requirements; user design to create system designs and prototypes; construction for coding the system according to the previously made design; and cutover for system testing. The system testing technique used in this final project is blackbox testing to test the suitability of the functions in the system and system workflow, as well as user acceptance test to determine the feasibility of using the system.

Through the four phases of system design that exist in the RAD method, the results of the system design are in the form of a-based management information system web that can connect employee tasks directly and is able to store and manage data in real time. With this system, data transfer between employees becomes faster, reduces the occurrence of data discrepancies, can help employees in carrying out their workloads, and can provide new information for sales evaluation.

Keywords: Coffee Shop, Management Information System, Rapid Application Development (RAD).