ABSTRACT

The Annisa Cosmetics Stock Data Management Information Web-Based Application is an application that contains information about the inventory of goods in the warehouse. This application is designed specifically for use by three main groups of company employees: warehouse staff, sales teams, and managers. This application is built using the Waterfall development method, which follows well-defined stages, including needs analysis, design, development, testing, and implementation. The Waterfall method allows developers to have clear visibility into project progress and ensure alignment with company needs. In the development of the application, PHP is the primary programming language implemented for the logic of the business and user interaction. The Laravel framework is used as the foundation for application development. Laravel is known as one of the most popular and powerful web frameworks in the world of PHP web development. The use of Laravel facilitates the implementation of advanced features such as user authentication, routing, and interaction with the MySQL database. This application is designed using MySQL database technology as the main data storage foundation. MySQL is one of the reliable and popular relational database management systems (RDBMS) that provides the ability to store, retrieve, and manipulate data efficiently. The result of this application design is easier access to inventory data and better coordination among various warehouse staff, managers, and salespeople, allowing store operations to be more efficient and saving time in managing inventory, which was previously done manually using inventory records.

Keywords: Stock Data Management Information Application, Annisa Cosmetics, Inventory recording, Waterfall method, MySQL Database.