

ABSTRACT

The SME Dodol Bintang is a company engaged in the food sector, namely producing dodol. Purchase of raw materials is done every time the stock in the warehouse has run out. Payment for the purchase of production raw materials at the Dodol Bintang Factory is made in cash by paying directly to the supplier. In the process of managing raw materials, there is often misinformation regarding stock in the warehouse which hinders the production process. Therefore it is necessary to have a system that can regulate the availability of raw materials to facilitate the production process. To overcome this problem, a web-based application was built for purchasing and managing raw materials. This web-based application uses the Software Development Life Cycle (SDLC) method with the waterfall model, the PHP programming language, and the design uses the Unified Modeling Language (UML) and the Codeigniter framework for testing this web-based application uses Black Box Testing. It can be concluded that web-based applications for purchasing and managing raw materials can assist companies in managing raw material purchases to produce purchase reports and accounting records that have functionality capable of handling raw material purchases, making stock cards, purchasing reports, general journals and ledgers.

Keywords: Purchase Of Raw Materials, Web-Based Application, PHP, Codeigniter