

CV Berkah Ban is engaged in the tire buying and selling sector located in Surabaya. Currently, business management is still carried out manually so that there are several obstacles such as recording reports on the entry and exit of goods, difficulty finding goods data, managing stock of goods in the warehouse, and checking the inventory of goods. Based on the above problems, a management information system is needed on CV Berkah Ban to overcome these various obstacles. The method used in the development of this information system is SDLC (System Development Life Cycle) prototyping. This method was chosen because it allows for a better understanding of the needs by involving users from the early stages of development. With the prototyping method, users can see and feel how the system will function in the early stages, so that it can provide more concrete feedback. This feedback is essential to understand the needs of users in more depth and ensure that the system developed is truly in line with the needs of the business. The prototyping method consists of several stages, namely requirements gathering and analysis, quick design, build prototype, user evaluation, refining prototype, implement product, and maintain. In the testing stage, black-box testing and white box testing methods are used to ensure that the system functions properly and meets all the requirements that have been set. At the implementation stage, the Laravel framework and MySQL database are used to build a reliable and efficient management information system. With the creation of this management information system, various problems that occur in CV Berkah Ban can be overcome. This system makes it easier to search for information, the process of entering and exiting goods data, and managing inventory of goods. In addition, the system is also capable of generating sales charts and sales reports, which are very useful for business analysis and decision-making. The new management information system is also a cost-effective solution for information retrieval and sales reporting, as it reduces reliance on manual processes that are time-consuming and error-prone. In addition to overcoming existing problems, this management information system also brings several additional advantages. First, the system improves operational efficiency by automating various processes that were previously done manually. Second, the system improves data accuracy by reducing human error in recording and reporting. Third, this system provides better visibility into stock of goods and sales, making it easier for management to make the right decisions. The implementation of this management information system also has a positive impact on customer satisfaction. With a more efficient and accurate system, CV Berkah Ban can provide faster and more responsive services to customers. With a more efficient and accurate system, CV Berkah Ban can provide faster and more responsive service to customers. For example, with the ability to track inventory of goods in real-time, companies can ensure that the goods that customers need are always available.

In addition, accurate and timely sales reports allow companies to tailor their marketing and sales strategies according to market trends and customer needs. Overall, the development and implementation of the management information system on CV Berkah Ban is an important step to improve the company's performance and competitiveness. With this new system, CV Berkah Ban can optimize its business operations, increase accuracy and efficiency, and provide better service to customers. In addition, the system also provides useful tools for analysis and decision-making, which are essential for the company's long-term growth and success.

Keywords Tire stock monitoring system