

# ***IMPLEMENTATION OF ANIMAL PRODUCT SALES MANAGEMENT INFORMATION SYSTEM***

*(Case study: Goatday Sheep Farm)*

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## ***ABSTRACT***

*Goatday is a sheep farming company engaged in the production and sale of livestock products, such as milk, meat, offal, skin, bones, and goat heads. So far, sales and production management has been carried out manually, causing various problems such as inaccurate stock, slow decision-making processes, and difficulties in sales reporting. To overcome these problems, a digital-based livestock sales management information system was designed which was implemented and intended for internal parties of the company. This system includes management of production data, stock, sales, and printing reports in the form of graphs and .pdf documents. This project was built using system analysis, structured design, and relational databases to support data integrity. Testing was carried out with 30 system test scenarios, of which 29 scenarios were successfully executed. These results show a success rate of 97.5%, indicating that the system has functioned according to the main needs of users. The implementation of this system not only improves operational efficiency, but also opens up opportunities for companies in decision making based on historical data and sales trends. Some suggestions for future development include improving security features, query optimization, and adding analytical features. Thus, this information system is expected to support the sustainable growth of Goatday's business.*

*Keywords: Information System, Livestock, Livestock Product Sales, Production.*