



# MAKERERE UNIVERSITY

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COLLEGE OF COMPUTING AND INFORMATION SCIENCES  
DEPARTMENT OF COMPUTER SCIENCE  
COURSEWORK: RESEARCH METHODOLOGY(BIT 2207)  
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# Implementation of an Automated Records Management System on a Poultry Farm

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# **1 Introduction**

## **1.1 Background of Study**

The need for, use and benefits of information for farm decision making has engaged the attention of farmers, researchers and policymakers over the years. Information is data that has been transformed into a form that is meaningful and useful for decision-making with data distinguished as raw facts, figures, objects et cetera. The system about information relates to the connection or integration of components of collection, processing, storage, and distribution of information to support decision-making. By extension of this non-farm definition, farm information systems (FIS), then, can be appreciated as a tool to assist farms in forward planning, risk management, and by the use of information. Poultry production enterprises require good information systems to ensure success.

## **1.2 Statement of the Problem**

Many poultry farmers still make use of the manual approach of keeping farm records. The consequences of this approach are it is time consuming, needed information may easily be misplaced, un-organized and inefficient. Also, needed reports concerning different aspects of the farm cannot be easily retrieved when needed. This situation makes it to monitor the state of the birds in the poultry, income and expenses and other relevant information. To overcome these problems there is need for an information system for proper management of the poultry farm.

## **1.3 Objectives**

### **1.3.1 General objectives**

To develop an automated poultry keeping information system.

### **1.3.2 Specific Objectives**

- To automate the manual means of recording poultry farm records.
- To develop a database application that can be used to maintain and provide information about livestock and financial information aspect of the poultry farm.
- To provide a system that can facilitate the update of poultry farm records.
- To develop a system that will aid the presentation of reports pertaining the poultry farm.

### **1.4 Scope of Study**

This research work covers Design and Implementation of a poultry keeping information system. It is restricted to recording information concerning the birds reared and the financial aspect of income and expenses of the poultry farm.

### **1.5 Significance of the Study**

The significance of the study is that it will provide useful information and means to enable the management of the poultry farm automate their record keeping process for better updating and presentation of reports. It will also serve as a useful reference material to other researchers that need related information.

## **2 Literature review**