Goat Farm Management System

BITU 2913: Workshop 1

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Background

More and more farmers are willing to invest money for a simple herd control program that guarantee long term profitability in the future. They believe ineffective record keeping practice makes risk and loss management impossible. The demand for goat milk is on the rise, thus farmer should take the opportunity to increase the yield of dairy goat.
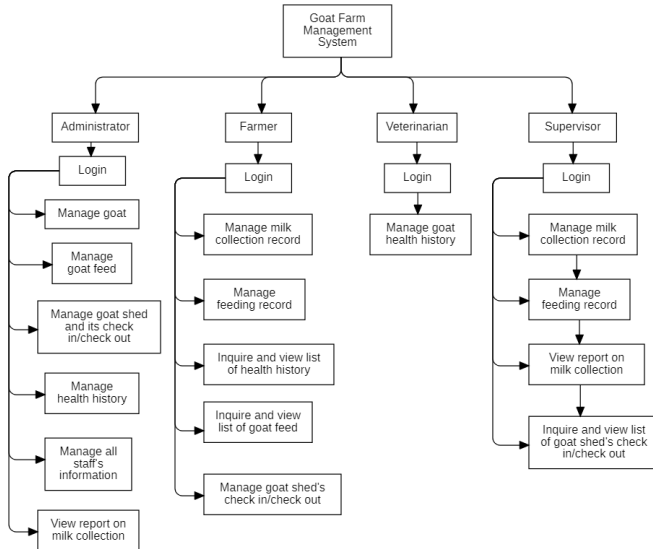
Problem Statement & Objective

Problem Statement

- Farms having inconsistent milk yield due to unreliable feeding practice and health records.
- Farms having difficulty tracking milk production causing loss in profit.
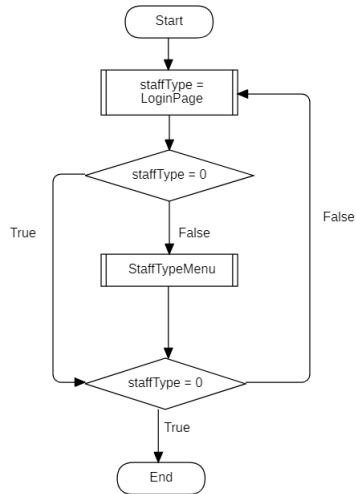- Difficulty in determining working personnel or machine error.

Objective

- To develop a system that will surely maintained goat milk production and good health.
- To analyze milk production performance of each goat herd to enable the goat farm owner secure the profits.
- To ensure the farm worker perform his duties on goat feeding and help identify the causes to affect the quality and milk yield of goat such as due to machine error.
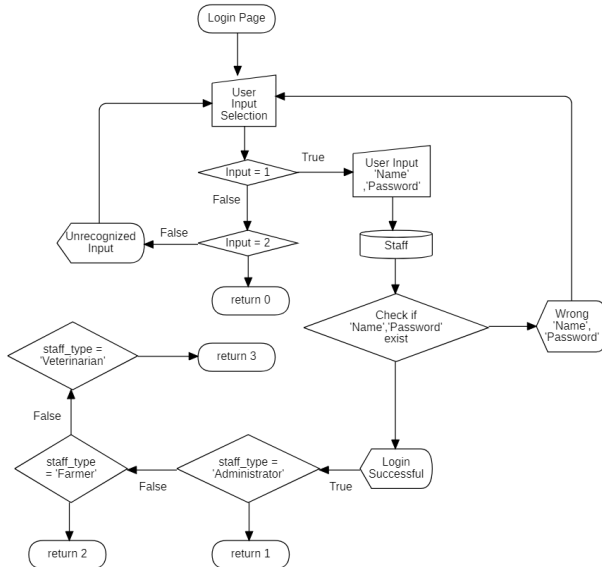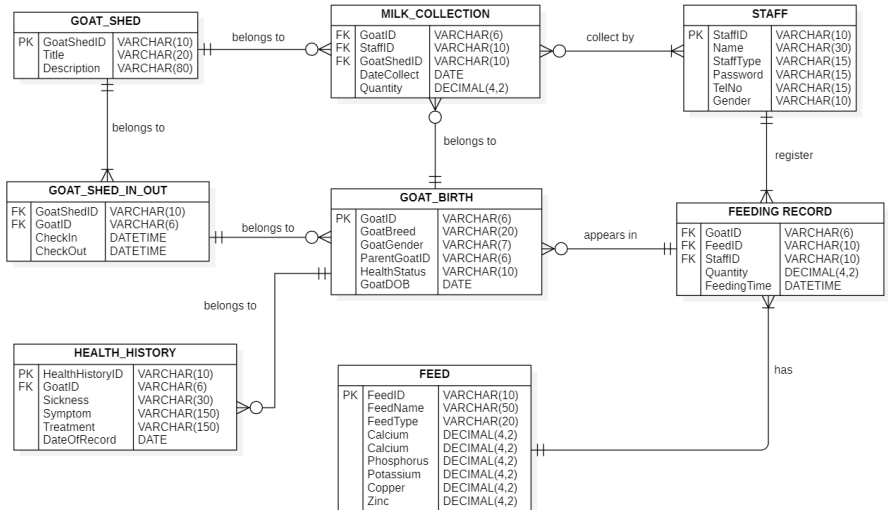
Structure Chart

Main Program

Login Page

ERD

Constraint & Future Improvement

Constraint

- There are many repeated codes for each function
- Password entered is visible and not hidden
- User interface may not pleasant looking
- Did not actually check SQL query is successful executed

Future Improvement

- Archive old data – Maintaining history of time-variant data
  "How do the current milk production compare to those of previous years?","What are milk production of goat shed's trends?"
- Report on graph analysis
- Default generate current timestamp, identification number

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Thank You!