



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

SYCUT

SYARIAH-COMPLIANT AUTOMATED CHICKEN
PROCESSING SYSTEM (HALAL)
(PI 2013 702478)

DESCRIPTION

The Syariah-Compliant Automated Chicken Processing System (SYCUT) is designed specifically to ensure adherence to the halal requirement of chicken in a slaughterhouse to give Muslim consumers a peace of mind in their poultry purchase.

Needs

- a) The system is a user-friendly, web based network, control and monitoring system which ensures the halal compliance of the slaughtered chicken.
- b) The visual detection system (cameras) is simple enough to be installed in various parts of a slaughterhouse as it is light, small in size and uses standard electrical and network appliances.

Application

- a) The SYCUT system can be used by small and large producers alike as the model is scalable according to size.
- b) The system is easy to install and require minimal renovation to a slaughterhouse because it can be customised to each location.
- c) It can be installed in any slaughterhouse with electricity and internet access.

Benefits

- a) Ensuring syariah compliant slaughtering process.
- b) Preventing human error in the determination of the halal slaughtering process.
- c) A compact design and cost effective system.

Targeted Market

- a) Government and private slaughterhouses.
- b) Muslim consumers.
- c) Halal product manufacturers.



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