

## **ABSTRACT**

Traceability is fundamental for all industries especially in food safety issue and now come to critical which all food process go on sophisticated production technologies passing thru multi-level of processing used of number of ingredients supplied from various suppliers. Applying the automated data capture, electronic data processing and electronic communication can significantly improve accuracy and speed of access to information about the production and provenance of food. They can reduce risks and uncertainty both across the supply chain and between trading partners. The faster detecting the problems when occur is critical. Barcode technology is one of the tools that can be applied to utilize its benefit to the chicken meat processing industry in traceability focus narrowing the scope of problems for faster and more accuracy to tracing back where the place that the problems may potentially occurred.

The primary data analysis can tell us the symptoms of the problems on traceability they have been facing so far including seeking their willingness to use Barcode Technologies to increase their work efficiency in traceability area. Thru the use of secondary data analyst technique, the framework of barcode for traceability is carried out with proposed. The project delivered is at "Acquisition or Development" which is the logical design of the new system guides the actual development or acquisition, just as blueprints guide the construction of a new building. IS personnel use the specifications to purchase the hardware and software required for the system and then to configure it as needed.