



# **ROTATING CHICKEN SKEWER**

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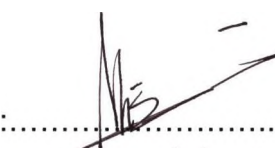
## AUTHORS DECLARATION

“We declare that this thesis is the result of our own work except the ideas and summaries which we have clarified their sources. The thesis has not been accepted for any diploma and is not concurrently submitted in candidature of any diploma”

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## **ABSTRACT**

People have been designing things for as long as we can “remember” or archeologically Uncover. Our earliest ancestors designed flint knives and other basic tools to help meet their most basic needs. In our final project, we choose to re-design the one simple machine, which produced according to the step in design process. We give our project name as “Rotating Chicken Skewer (RCS)”.

Rotating Chicken Skewer is one simple machine with function to burning the chicken. Nowadays, we could find the machine in same function but in our project, we try to re-design with some mechanical and electrical theory application according to what we have learned in class. It is probably clear by now that a successful design is not something that just happens. We began by defining suitable components or materials to be use, then doing calculation for certain component’s application. The critical part is to design rotating components; chain, sprocket, shaft and motor.

Withouta good project management, we cannot get our aim for what we want to get from this designing project. The idea of doing RCS produced when we having brainstorming session with our supervisor. The idea to re-design this project is based on nowadays equipment, and with some new invention. We hope this project can provide more potential usage among us, although it just a simple project but it is not that easy as we think, especially in welding process.

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