

Abstract

Pets are animals that are guarded and cared by their owners. However, in the maintenance process, mistakes often occur such as forgetting about feeding a pet. Therefore, a tool that can help feed pets is needed. But this solution is considered to be less than optimal because most of the existing pet feeder devices have not yet paid attention to the feed mess according to the pet's needs. In this study, the researchers proposed a pet feeding devices that implements the fuzzy logic method into Arduino Mega microcontroller that has been integrated with the Load Cell sensor to can be used in determining the appropriate feed mass. The result of this study indicate that the fuzzy logic method can be implemented on a smart pet feeder by providing feed according to pet's needs.

Keyword: *pets, fuzzy logic, feed mess*

