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Automatic Pet Feeder Using Assistant

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Abstract: *Nowadays most of us fascinated to have pets at their home. But these pets have to betaken care properly. Their feeding on time is an important task as they become part of our family. But in our busy schedule we fail to pay attention on our pet thus it doesn't get properfood on time. This paper addresses the above issue by introducing an Automatic Pet Feeding System to ensure feeding pet on frequent interval of time. In our project we used two methods to feed the Pet, one is by Camera and another by using Google Assistant. When the DC servo motor runs, the motor rotates the propeller which is in the feeding device, which drops downpet food through the pipe into perforated feeding bowl. The water pump will be kept in a tankcontaining water. When the water pump runs, the water is pumped into the water bowl of pet. The user in order to feed their pet have to give a command on their Smart Phones such as "Okay Google", "Feed my Pet", with the help of this command the machine will do its following work. The user can also specify the time to feed their pet on schedule using GoogleAssistant*

Keywords: Pet

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