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Mechatronic

Final Project Proposal

As a very forgettable person, I forgot to feed my dog about 3/10. I want to make a dog feeder for my project. I have multiple thought about it. First, it can be done automatically (timer) and manually. Second, it can be controlled by my dog (controlled by a paddle). Last, if time allowed, I want to make it in to two parts, control of the dog food, and the treats (or water).

The feeder will be a box with some mechanism in it. For example, a 45-degree tub will be connecting with a big box which the food is stored in. The tub allows the food to slide out. A multisession stopper will connect to the top of the tub. It allows the controlled amount of the food to slide out.