Problem analysis

A local animal centre is in search programmable machine with a little cost. They want many features like, the machine should be able to feed the cats and dogs at correct time. Secondly, it should give the signal whether the food consumed or not and if consumed, it should provide the label of food remaining. Similarly, staff should be made alert about any problems that occur, like no food dispensed, no food eaten etc. Final and most important thing is that the machine should be cheapest using low-cost parts, like a little motor (servo) and a scale sensor.Top of Form

The main aim is to design and simulate the logic and behaviour of the system.