

Food Vending Machine

Food vending machine is an automated machine which dispenses food items by detecting and recognizing the coin which is given as input. After recognition it dispenses the food item that holds the given value of the coin.

Requirement-: 90° angle clamp(5pcs), 8mm thick MDF board(400cm²X8 pcs), F-clamps(2pcs), Hollow Aluminum Tubes(500cm), Hand Saw(1pcs) and blade(2pcs), NEMA 17 Stepper Motor (2pcs), Sliders(2pcs), Power Supply 12V(4), Power Supply 5V(8), Motor Driver A4988(4), Aurdino Mega(1), Buttons and switches(10), Servo DS04-NFC(8), Spring(6), LCD Display 16X2(1pc), DC-LM2596 Step Down Driver(2), IR Proximity Sensor (2pcs).

Team Members-:

- 1) Akash Gupta
- 2) Prabal Gupta
- 3) Raushan Kumar

Total estimation-:7000