

4. Coffee Vending machine

Problem Statement

- The coffee vending machine is basically for customers to buy coffee by themselves without any third person being involved. It sells different types of coffee. Each type of coffee has a price and a name. A customer can buy their choice of coffee by selecting button of their coffee and paying for same through coin box.

Software Requirement Specification

- The vending machine must have money box, coin slot, display screen and products i.e. coffee for the machine is used.
- The user on selecting a coffee, the coffee machine must be able to dispense the selected coffee to user.

- The user shall get empty cup placed right below filter.
- There must be buttons (start, pause, stop etc) for user to interact with system.
- The System shall check for properly inserted coins.
- The System must accept coins of different amount and the System must compare the item cost with entered coin.
- The System shall be able to detect the low amount of ingredients and low no. of cups and indicate with a indicator (small LED)