IV. Coffee Vending Machine

i) Controller:
Attributes - id.
functions -
  1. Dispense the product
  2. Dispense the coin to customer
  3. check availability of product.

ii) Selection Panel :
Attributes - product-name, status.
functions -
  1. Sends the status of selected product.

iii) Product Dispenser :
Attributes - product, quality.
functions -
  1. Dispense the selected product.

iv) Product -
Attributes - price, quality.
functions -
  1. choose product.
  2. update the quality of product after each dispens
  3. retrieve the selected product

v) Cash Dispenser -
Attributes - coin count.
functions -
  1. Dispense the remaining amt to customer.

The coffee vending machine is basically for the customers to buy coffee by themselves without any third person being involved. A coffee vending machine sells different types of coffee such as cappuccino, black coffee, cold coffee & latte. Each type of coffee has a price & name.