→ to} Class diagram:
Coffee vending system:

Controller

+ id : String

+ display ()
+ dispense_product ()
+ dispense_coin ()
+ compare_price ()
+ check_availability ()
+ product_quality ()

Display

+ product_name : String
+ status : String

+ send_status ()

+product

+coin

CoinCollector

+ coin_price : double
+ count : int

+ count_coin ()
+ pay_up ()

CoinDispenser

+ coin_count : int

+ dispense ()

+has

+gives

+has

+dispenses

Product

+ name : + price : double
String + quality : double

+ update_quality ()
+ choose ()

ProductDispenser

+ product : String
+ quality : double
quantity

+ dispense ()

+selects

+selects

Coffee

+ type : String

Tea

+ type : String

Milk

+ type : String