Coffee Vending Machine → Class diagram

«enumeration» items
- + cold coffee
- + black coffee
- + latte
- + cappuccino

Money Collector
- + coins : int

- + coincount ()
- + return coins ()
- + deduce coins ()
- + total ()
- + display ()

Coin slot
- + coin value : int
- + coincount : int

- + counting ()
- + calculate ()

Display
- + coins : int
- + items : string

- + display ()

Vending Machine
- + id : int
- + type : string
- + name : string

- + dispense coin ()
- + dispense product ()
- + compare price ()
- + check availability ()
- + update product ()

User
- + name : string
- + id : int
- + phone : string
- + address : string

- + details ()
- + edit ()
- + delete ()

Selector
- + items : string
- + price :
- + ingredients : string

- + select ()
- + edit ()
- + display ()

selects

use

Coffee Machine
- + Q sugar : int
- + Q milk : int
- + coffee : float

- + add items ()
- + recipe ()

Product
- + name : string
- + id : int
- + price : float

- + update ()
- + retrieve ()
- + add

Staff
- + salary : float
- + days working : int

- + update ()
- + search

Others
- + occupation : string
- + gender : string

- + add ()
- + update ()

dispense
- + time taken : float
- + quantity : float

Boss
- + salary : float
- + location : string
- + gender : string

- + update ()
- + add ()