

④ - SRS - Coffee Vending Machine

Coffee vending machine is designed to dispense coffee in required quantity by collecting information such as type of coffee from the customer and estimating the price and quantity necessary for preparation of particular type of coffee.

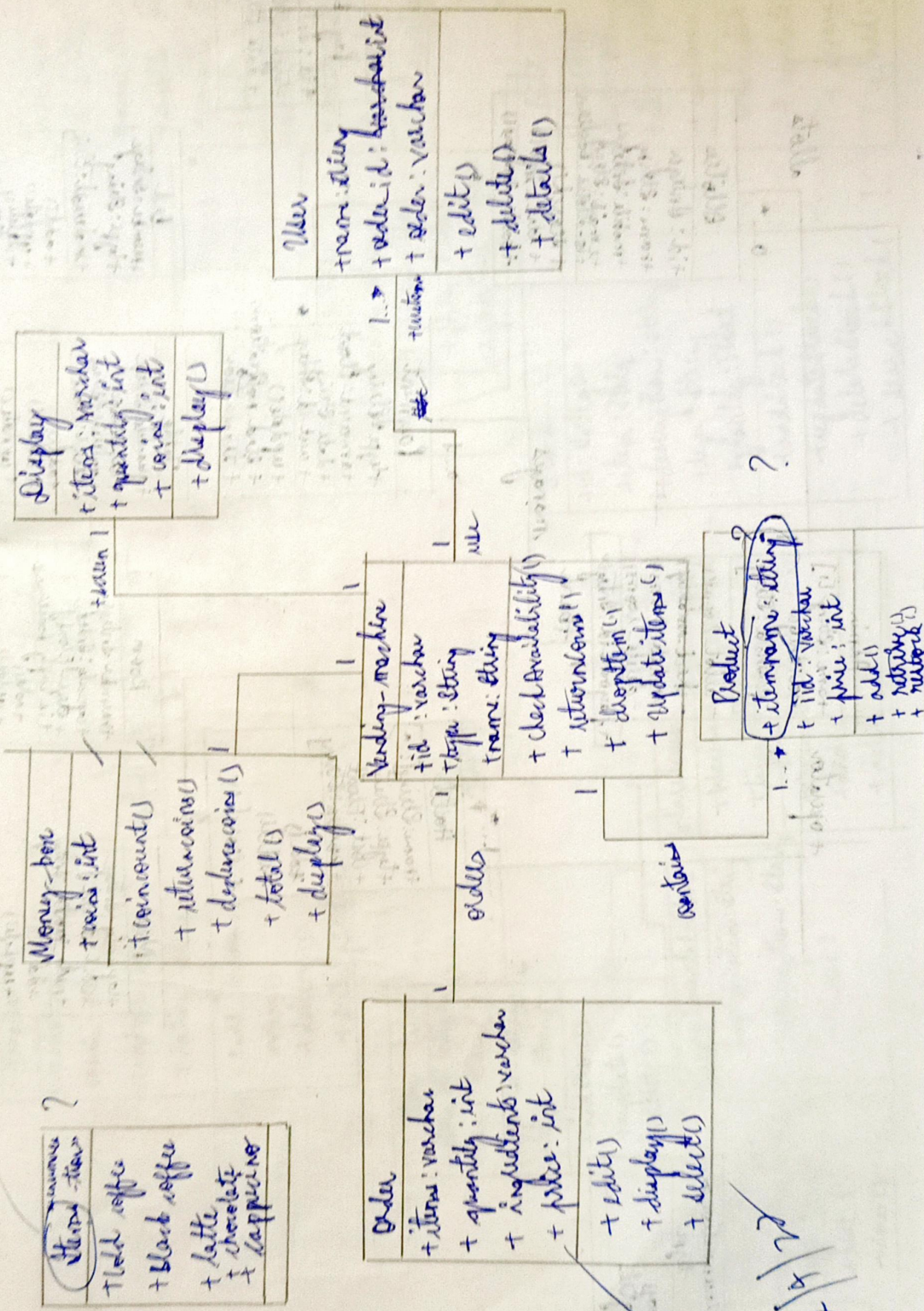
The machine collects coin from the customer and asks for type of coffee to dispense.

- 1) The vending machine must have money box, coin slot, display screen and products i.e. coffee for the machine to be used.
- 2) The user on selecting a coffee, the coffee machine must be able to dispense the selected coffee to the user.
- 3) The user shall get empty cup placed right below the filter. The user shall be able to choose his preferred beverage from the list of options.
- 4) There must be buttons (start, pause, stop, coffee, tea, milk) for us to interact with the system.

- 5) The system shall check for properly inserted coins
- 6) The system shall be able to dispense coffee after a coin has been inserted.
- 7) The system must check the validity of coins.
- 8) The system shall be ~~also~~ able to detect the low amount of ingredients and low number of cups and indicate with an indicator (small LED)

Object: Proper name
 Class: Common name
 Annotation: adverb
 name

② Coffee Vending Machine class diagram



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