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Coffee Vending Machine

Vending machine sells small, packaged, ready to eat items. Each item has price and a name. A customer can buy an item using cash, smartcard or other digital wallet.

Vending machine :

- setup
- monitor
- recharge item
- check product
- sell item
- choose item

Smart card reader :

- checkCardValidity
- readCardAmount
- insert and release card

item :

- GetPrice
- check is available

Administrator :

- can maintain all system parts
- add, delete, update stock
- manage payment
- manage receipt
- manage choose item and dispose item

Smart card :

- takes necessary details
- Acknowledge for price