Membership Package Overview

Membership

Session

- listeners: ArrayList<SessionListener>
- hardwareListeners: ArrayList<HardwareListener>
- scs: AbstractSelfCheckoutStation
sessionState: SessionState
- prevState: SessionState
- disableSelf: boolean
- membershipNumber: String
- hasMembership: boolean
- requestApproved: boolean

+setup(manager: ItemManager, funds: Funds, weight: Weight, receiptPrinter: Receipt, membership: Membership, scs: AbstractSelfCheckoutStation, bagdispenser: BagDispenserController): void
+ enterMembership():
+ getListeners(): ArrayList<SessionListener>

- membership

Membership

- listeners: ArrayList<MembershipListener> {readOnly}
- addingItems: boolean

+ Membership (cardReader: ICardReader)
+ typeMembership(memberCardNumber: String)
- swipeMembership(memberCard: CardData)
+ setAddingItems(listener: MembershipListener)
+ deregister(listener: MembershipListener): boolean
+ deregisterAll(): void
+ getListeners(): List<MembershipListener>
# notifyMembershipEntered(membershipNumber: String)

InnerListener

+ theDataFromACardHasBeenRead (data: CardData)

« interface » CardReaderListener

« Interface » MembershipListener

membershipEntered(membershipNumber: String)

* + listeners

MembershipDatabase

+ MEMBERSHIP_DATABASE: HashMap<String, Member>

- MembershipDatabase()
+ registerMember(membershipNumber: String, memberName: String)

+ MEMBERSHI_DATABASE

*

Member

- points: int
- name: String {readOnly}

Member(name: String)
+ getName(): String
+ getPoints(): int
+ changePoints(delta: int)