## attendant: Attendant - session: Session + installAttendantStation(as: AttendantStation): void + installOn(session:Session, scs:SelfChekoutStation) : SelfCheckoutStationLogic << interface >> WeightDiscrepencyListener ElectronicScaleListener outerSession: Session « interface » notifyDescprepancy(): void WeightListener notifyDiscrepancyFixed(): void $\Box$ notifyBagsTooHeavy(): void + listeners InnerListener $\oplus$ + aDeviceHasBeenEnabled(device: IDevice): void Session + aDeviceHasBeenDisabled(device: IDevice): void + aDeviceHasBeenTurnedOn(device: IDevice): void - listeners: ArrayList<SessionListener> + aDeviceHasBeenTurnedOff(device: IDevice): void - hardwareListeners: ArrayList<HardwareListener> + theMassOnTheScaleHasChanged(scale: IElectronicScale, mass: Mass): void - scs: AbstractSelfCheckoutStation + theMassOnTheScaleHasExceededItsLimit(scale: IElectronicScale): void # sessionState: SessionState + theMassOnTheScaleNoLongerExceedsItsLimit(scale: IElectronicScale): void - prevState: SessionState disableSelf: boolean - membershipNumber: String - hasMembership: boolean requestApproved: boolean - itemAdded: boolean - itemRemoved: boolean - bagDispenser: BagDispenserController Weight + Session() - actualWeight: Mass +setup(manager: ItemManager, funds: Funds, weight: Weight, expectedWeight: Mass receiptPrinter: Receipt, membership: Membership, scs: - isDiscrepancy: boolean AbstractSelfCheckoutStation, bagdispenser: BagDispenserController): - weight - bagCheck: boolean void - lastWeightAdded: Mass + addBags(): void - personalBagsWeight: Mass + cancelAddBags() purchasedBagsWeight: Mass + purchasebags(num: int): void - inSession: boolean + addBulkyItem(): void - MAXBAGWEIGHT: Mass + attendantApprove(request: Request): void + getItems(): HashMap<Product, BigInteger> + Weight(baggingArea: IElectronicScale) + getBulkyItems(): HashMap<BarcodedProduct, Integer> + clear(): void + getWeight(): Weight + setInSession(value: boolean): void + getListeners(): ArrayList<SessionListener> + addBags(): void + cancelAddBags(): void + update(mass: Mass): void + subtract(mass: Mass): void + getLastWeightAdded(): Mass + removeItemWeightUpdate(massToSubtract: Mass): void + checkDiscrepancy(): void + checkDiscrepancy(forceNotify: boolean): void + getExpectedWeight(): Mass + getActualWeight(): Mass + get MAXBAGWEIGHT inGrams(): double

+ get MAXBAGWEIGHT inMicrograms(): long

+ isDiscrepancy(): boolean

SelfCheckoutStationLogic