## com.thelocalmarketplace.GUI.session GUI Package Overview + CartProduct + ProductPanel +JPanel - product: Product - serialVersionUID: long - session: Session quantity: int - product: Product - isPLU: boolean - session: Session - addButton: PlainButton + CartProduct(product: Product, session: Session + ProductPanel(product: Product, session: Session) mass: Mass) + ActionListener + Simulation # paintComponent(g Graphics): void + getAddButon(): JButton + addProduct(): boolean com.thelocalmarketplace.GUI.attendant + removeProduct(): boolean - scs: AbstractSelfCheckoutStation + updateMass(inGrams: BigDecimal): void + actionPerformed(e: ActionEvent): void - as: AttendantStation \*panel com.thelocalmarketplace.software.attendant - attendant: Attendant + AttendantGUI + ProductItem session: Session attendantGUI - receipt: Receipt - attendant: Attendant + AddedProducts + ProductItem(Product, Session, Attendant) - predictor: IssuePredictor - IssuePredictorListener + manager: MaintenanceManager - manager: MaintenanceManager - serialVersionUID + predictor: IssuePredictor + SearchCatalogue productList: HashMap<Product, CartProduct> + notifyPredictLowInk(Session) + sessions: HashMap <Session, Requests> + Simulation() + textSearch: TextSearchController session: Session + notifyPredictLowPaper(Session) + AttendantCatalogue + SearchCatalogue(session: Session) + setupLogic(): void + asScreen: ITouchScreen + notifyPredictCoinsFull(Session) - softwareGUI + AddedProducts(session: Session) + getHashMapForButtons(): HashMap<Product, Pr + setupData(): void + notifyPredictBanknotesFull(Session) - inventory: Map <String, Product> + removeProduct(product: Product, mass: Mass): void + setupLoading(): void + notifyPredictLowCoins(Session) - populateSessions(): void + getProducts(): HashMap<Product, CartProduct> + unhide(): void + notifyPredictLowBanknotes(Session) + AttendantCatalogue(Session, Attendant) + hide(): void + contains(product: Product) + notifyNoIssues(Session) + unhide(): void + remove(): void + amount(): int - hardwareGUI \* panel - MaintenanceManagerListener +SessionListener + StationPanel + notifyInkAdded(Session) + notifyPaperAdded(Session) + session: Session - InnerPredictionListener + itemAdded(session: Session, product: Product, + notifyCoinAdded(Session) -ButtonListener - attendant: Attendant ofProduct: Mass. currentExpectedWeight: Mass, + catalogue + notifyBanknoteAdded(Session) - issues: HashMap <String, Boolean> + main(String[] args): void currentExpectedPrice: BigDecimal): void + notifyCoinRemoved(Session, CoinStorageUnit) + enabled: Boolean + SoftwareGUI + itemRemoved(session: Session, product: Product, + cartItemsPanel + notifyBanknoteRemoved(Session, BanknoteStorageUnit) ofProduct: Mass, currentExpectedWeight: Mass, + notifyHardwareOpened(Session) - populateMessages(): void currentExpectedPrice: BigDecimal): void + SoftwareGUI(session: Session) + notifyHardwareClosed(Session) + issuesPresent(): Boolean - InnerListener + start(): JPanel + end(): JPanel + addItemToScaleDiscrepancy(session: Session): void - InnerResolutionListener + getIssues(): HashMap <String, Boolean> com.thelocalmarketplace.GUI.customComponents + removeItemFromScaleDiscrepancy(session:Session): void - updateIssues(HashMap <String, Boolean>): void + discrepancy(session: Session, message: String): void + mainPanel(): JPanel + discrepancyResolved(session: Session): void + displayStart(): void + Colors + GradientPanel + pricePaidUpdated(session: Session, amountDue, + displayMain(): void addBagsScree BigDecimal): void + displayEnd(): void - addBySearch + getRequest(session: Session, request Requests): void + displayDisabled(): void + CustomBarUI + PlainButton - approveRequest + sessionAboutToStart(session: Session): void + update(price: double, mass: double): void + sessionEnded(session: Session): void + hide(): void + pluCodeEntered(product: PLUCodedProduct): void + unhide(): void + RoundPanel + sessionStateChanged(): void - pluNumPad + paymentScreen + PaymentPopup + PLUNumPad + public PaymentPopup(session: Session) + popUp(): void - session: Session + hide(): void com.thelocalmarketplace.GUI.hardware + isVisibile(): boolean + MembershipNumPad(session: Session) + getCashButton(): JButton + getValidMembership(): boolean + getCardButton(): JButton + isVisible(): boolean + getMembershipButton(): JButton + HardwareGUI + getMembershipPad(): MembershipPad supervisor: AttendantStation + ListTransferHandler - scs: AbstractSelfCheckoutStation - index: int - addIndex: int membershipPad + CashPanel HardwareGUI(scs: AbstractSelfCheckoutStation, + NumberOfBags + AddBagsPopup - serialVersionUID: long addCount: int supervisor: AttendantStation) - scs: AbstractSelfCheckoutStation + populateItems(): void + canImport(info: TransferHandler.TransferSupport): - session: Session + FiveBillBtn: JButton + introPanel(): JPanel - lastObject + AddBagsPopup(session: Session) boolean + button one coin: JButton + itemPanel(title: String, list: JList<ItemObject< list): JPanel + getAddPersonalBagButton(): JButton + MembershipNumPad # createTransferable(c: JComponent): Transferrable + NumberOfBags(session: Session) - Five\_Cent\_Coin: Coin + addData(data: ItemObject, list: JList<ItemObject>): void # lastItem + getAddStoreBagButton(): JButton + getSourceActions(c: JComponent): int - session: Session + returnNum(): void - Ten Cent Coin: Coin + removeData(data: ItemObject, list: JList<ItemObject>): void + getCancelButton(): JButton + importData(info: TransferHandler:TransferSupport): - TwentyFive Cent Coin: Coin plu: String + updateDisplay(): void + mainScan(): void + getNumOfBagsScreen(): NumberOfBags - One\_Dollar\_Coin: Coin + isVisible(): boolean + handScan(): void + isVisible(): boolean # exportDone(c: JComponent, data: Transferable, - Two Dollar Coin: Coin + MembershipNumPad(session: Session) + getNumber(): String + getSupervisor(): AttendantStation action: int): void + getValidMembership(): boolean - Non Coin: Coin + getDelete(): PlainButton + getStation(): AbstractSelfCheckoutStation · numOfBagsScreen - Five\_Dollar\_Bill: Banknote + isVisible(): boolean + getDone(): PlainButtoin + setVisibility(visibility: boolean): void - Ten Dollar Bill: Banknote - Twenty Dolalr Bill: Banknote Fifty\_Dollar\_Bill: Banknote - Hundred Dollar Bill: Banknote + TransferHandler +JPanel - gui - Non\_Bill: Banknote + ButtonPanel + CashPanel(scs: AbstractSelfCheckoutStation) + setupCashData(): void - bags: ReusableBag[] - numBags: int + ItemObject - long serialVersionUID l\*panel - name: String - item: Item + ButtonPanel(gui: HardwareGUI) + CardPanel + flavor: DataFlavor - serialVersionUID: long - scs: AbstractSelfCheckoutStation + ItemObject(item: BarcodedItem, name: String) + ItemObject(item: PLUCodedItem, name: String) cardSelected: Card - cardSelectedString: String + getBarcode(): Barcode + getPLUCode(): PriceLookUpCode - debitCard: Card - creditCard: Card + ActionListener + getMass(): Mass - invalidCard: Card + getItem(): Item + CardListener + toString(): String - membershipCard: Card + actionPerformed(e: ActionEvent): void + createTransferable(obj: Object): Transferrable - infoLabel: JLabel - infoPanel: JPanel + isDataFlavorSupported(oflavor: DataFlavor) - pane12: JPanel + getDataFlavor(): DataFlavor + getTransferData(oflavor: DataFlavor): Object - inserted: boolean - swipeButton: JButton - insertButton: JButton - tapButton: JButton + CardPanel(scs: AbstractSelfCheckoutStation) # updateSelection(): void + setupCardData(): void