Server Client Controller Controller ServerCommunication -myServer: ServerSocket GUIController -aSocket: Socket ClientCommunication -pool: ExecutionService +view: ToolShopView -socketOut: PrintWriter -store: Shop +addToolShopListeners(): void -palinSocket: Socket +communicate(): void -socketin: BufferedReader -gui: GUIController +communication(): void Model Orde OrderLine -lines: ArrayList<OrderLine> -item: Item +newOrder(Item i, int amount): void -date: Date -generateID(): int -amount: int numberExists(int id): boolean -orderID: int +toString(): String +toString(): String writeTxt(): void View ToolShopView -auit: JButton deleteButton: JButton Shop listAllButton: JButton -order: Order -createButton: JButton suppliers: ArrayList<Suppliers> -sidePanel: JPanel -mainPanel: JPanel -inventory: Inventory topPanel: JPanel +setSocketIn(Socket socketIn): void textRox: TextArea +menu2(): int dropMenu: JComboBox +menu(): int +sendString(String toSend): void Inventory Item -addQuitButtonListener(ActionListener): void +pressEnter(): void +menuRunner(): void +addDeleteButtonListener(ActionListener): void tems: ArrayList<Item> supplier: Supplier +addListButtonListener(ActionListener): void -id: int +decreaseQuantity(): void +addItemsText(): void +addCreateListener(ActionListener): void +setTextBox(String): void -name: String +orderMore(Item item): void +itemIDChecker(int id): boolear -price : double +assignSupplier(): void deleteItem(): void +errorDialog(String): void -stock: int +addSupplierText(): void +addItem(String name, int id, double price, int stock, int supID): void +searchByName(String n): Item +addDropDown(): void -supplierID: int searchByID(int id): Item refreshTextArea(): void +supplierIDChecker(int id): boolean +toString(): String switchVisibility(): void +addItem(): void +deleteltem(): void +listAllIteams(): void +listAllSuppliers(): void +checkQuantity(): void +searchName(int option): Item +searchID(item option): Item Supplier -id: int -name: String -address: String 1 contact: String +toString(): String