© Inventory

□ deviceLists : LinkedList< ArrayList< Device>>

- Inventory ()
- listAllDevices (); void
- findIndex (String); int
- createDevice (String, String, double, int); Device
- addNewDevice (String, String, double, int); void
- removeDevice (String); void
- updateDeviceDetails (String); void
- findCheapestDevice (); void
- sortDevices (); void
- calculateTotalValue (); double
- restockDevice (); void
- exportInventoryReport (String); void
- getTotalDeviceCount (); int

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① Device

- getCategory (); String
- getName (); String
- getPrice (); double
- getQuantity (); int
- setCategory (); void
- setName (String); void
- setPrice (Double); void
- setQuantity (int); void

◁ - - -

© Computer

- Computer (String, String, Double, int)

◁ - - -

© Laptop

- Laptop (String, String, double, int)

◁ - - -

© SmartPhone

- SmartPhone (String, String, double, int)

▷

© SmartWatch

- SmartWatch (String, String, double, int)

△

© TV

- TV (String, String, double, int)