UML Class Diagram

16110543008 Zhang Naichuan

Employee

#Employee()

+getEmployeeID(): String

+getEmployeeName(): String

Manager

-employeeID: String

-employeeName: String

+Manager(employeeID:

String, employeeName:

String)

+getEmployeeID(): String

+getEmployeeName():

String

+toString(): String

Assistant

-employeeID: String

-employeeName:String

+Assistant(employeeID:

String, employeeName:

String)

+getEmployeeID():

String

+getEmployeeName():

String

Stock

-code: String

-stockAmount: int

-price: int

-name: String

+Stock()

+Stock(code: String, stockAmount: int,

price: int, name: String)
+setCode(code: String): void

+getCode(): String

+setStockAmount(stockAmount: int): void

+getStockAmount(): int
+setPrice(price: int): void

+getPrice(): int

+setName(name: String): void

+getName(): String

Sales

-code: String-name: String

-purchaseNumber: int

-price: int-date: String

+Sales()

+Sales(code: String, name: String, purchaseNumber:

int, price: int, date: String)

+getCode(): String
+getName(): String

+getPurchaseNumber(): int

+getPrice(): int
+getDate(): String

Supplier

-supplierCode: String -purchaseCode: String -stockName: String -supplyAmount: int -supplyDate: String

+Supplier()

+Supplier(supplierCode: String, purchaseCode: String, stockName: String, supplyAmount: int, supplyDate:

String)

+getSupplierCode(): String
+getPurchaseCode(): String
+getStockName(): String
+getSupplyAmount(): int
+getSupplyDate(): String