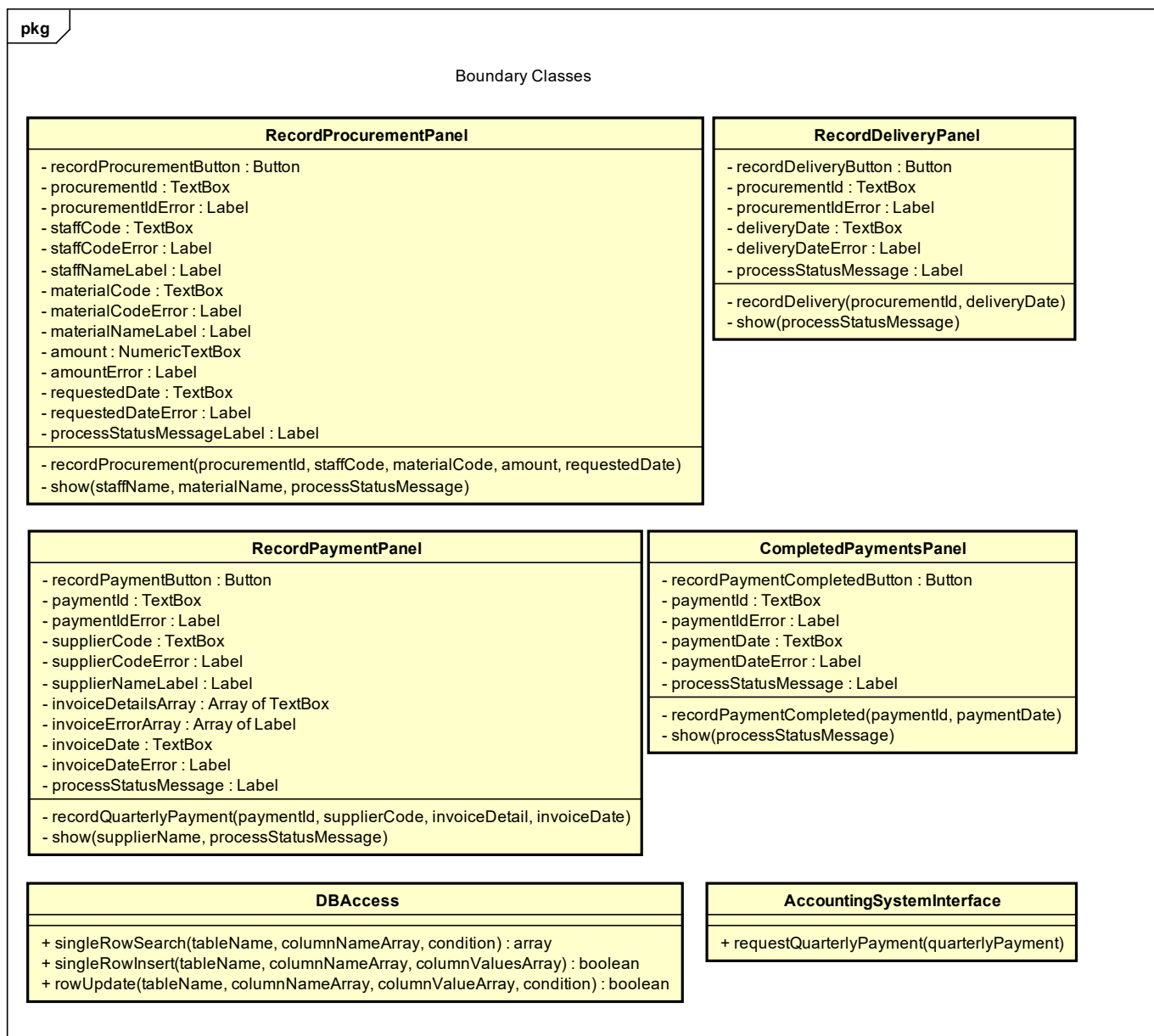


## Class definition: attributes and operations



pkg

Control Classes

**ProcurementControl**

- procurement : Procurement

+ getStaff(staffCode) : ProcurementStaff

+ getMaterial(materialCode) : Material

+ getProcurement(procurementId) : Procurement

+ recordProcurement(procurementId, staffCode, materialCode, amount, requestedDate) : boolean

+ recordDelivery(procurementId, deliveryDate) : boolean

**QuarterlyPaymentControl**

- procurementList : array

- quarterlyPayment : QuarterlyPayment

+ getSupplier(supplierCode) : Supplier

+ checkInvoiceDetails(supplierCode, invoiceDetails) : boolean

+ getQuarterlyPayment(paymentId) : QuarterlyPayment

+ recordQuarterlyPayment(paymentId, supplierCode, invoiceDetails, invoiceDate) : boolean

+ setQuarterlyPaymentCompleted(paymentId, paymentDate) : boolean

pkg

## Domain (Model) Classes

ProcurementStaff	Material	Supplier
- staffCode : String - name : String - dbAccess : DBAccess	- materialCode : String - name : String - dbAccess : DBAccess	- supplierCode : String - name : String - dbAccess : DBAccess
+ ProcurementStaff(staffCode, dbAccess) + getName() : String + checkStaff() : boolean	+ Material(materialCode, dbAccess) + getName() : String + checkMaterial() : boolean	+ Supplier(supplierCode, dbAccess) + getName() : String + checkSupplier() : boolean

Procurement
- procurementId : String - staffCode : String - materialCode : String - amount : Integer - requestedDate : Date - deliveryDate : Date - procurementStatus : String - paymentId : String - dbAccess : DBAccess
+ Procurement(procurementId, staffCode, materialCode, amount, requestedDate, dbAccess) : void + Procurement(procurementId, dbAccess) + Procurement(procurementStatus, paymentId, dbAccess) + getProcurementId() : String + getProcurementStatus() : String + setProcurementStatus(procurementStatus) + setDeliveryDate(deliveryDate) + setPaymentId(paymentId) + addProcurement() : boolean + checkProcurement() : boolean + setDeliveryCompleted() : boolean + setPaymentRequested() : boolean + setPaymentCompleted() : boolean

QuarterlyPayment
- paymentId : String - supplierCode : String - invoiceDate : Date - paymentDate : Date - paymentStatus : String - dbAccess : DBAccess
+ QuarterlyPayment(paymentId, supplierCode, invoiceDate, paymentStatus, dbAccess) + QuarterlyPayment(paymentId, dbAccess) + getPaymentStatus() : String + setPaymentStatus(paymentStatus) + setPaymentDate(paymentDate) + addQuarterlyPayment() : boolean + checkQuarterlyPayment() : boolean + setQuarterlyPaymentCompleted() : boolean