«Interface»
IBaggage

+ scanBaggage(id: int, width: double, height: double, length: double, owner: String, content ArrayList<String>, securityRating: SecurityRating, weight: double): void
+ securityScan(securityRating: SecurityRating): void
+ notifySecurityEmployees(): void
+ transportBaggage(): void
+ calculateVolume(): double

«enumeration»
Status

preCheck
postCheck
specialThreatCheck
deliverToAircraft

«enumeration»
SecurityRating

harmless
safetyCritical
threat

Baggage

- id: int
- width: double
- height: double
- length: double
- weight: double
- owner: String
- content: ArrayList<String>
- securityRating: SecurityRating
- status: Status

NormalBaggage

BulkyBaggage

- typeOfBulkiness: TypeOfBukiness

«enumeration»
TypeOfBulkiness

heavy
unwieldy
heavyAndUnwieldy

«Interface»
IBulkyBaggage

+ calulateWorkforce(): int