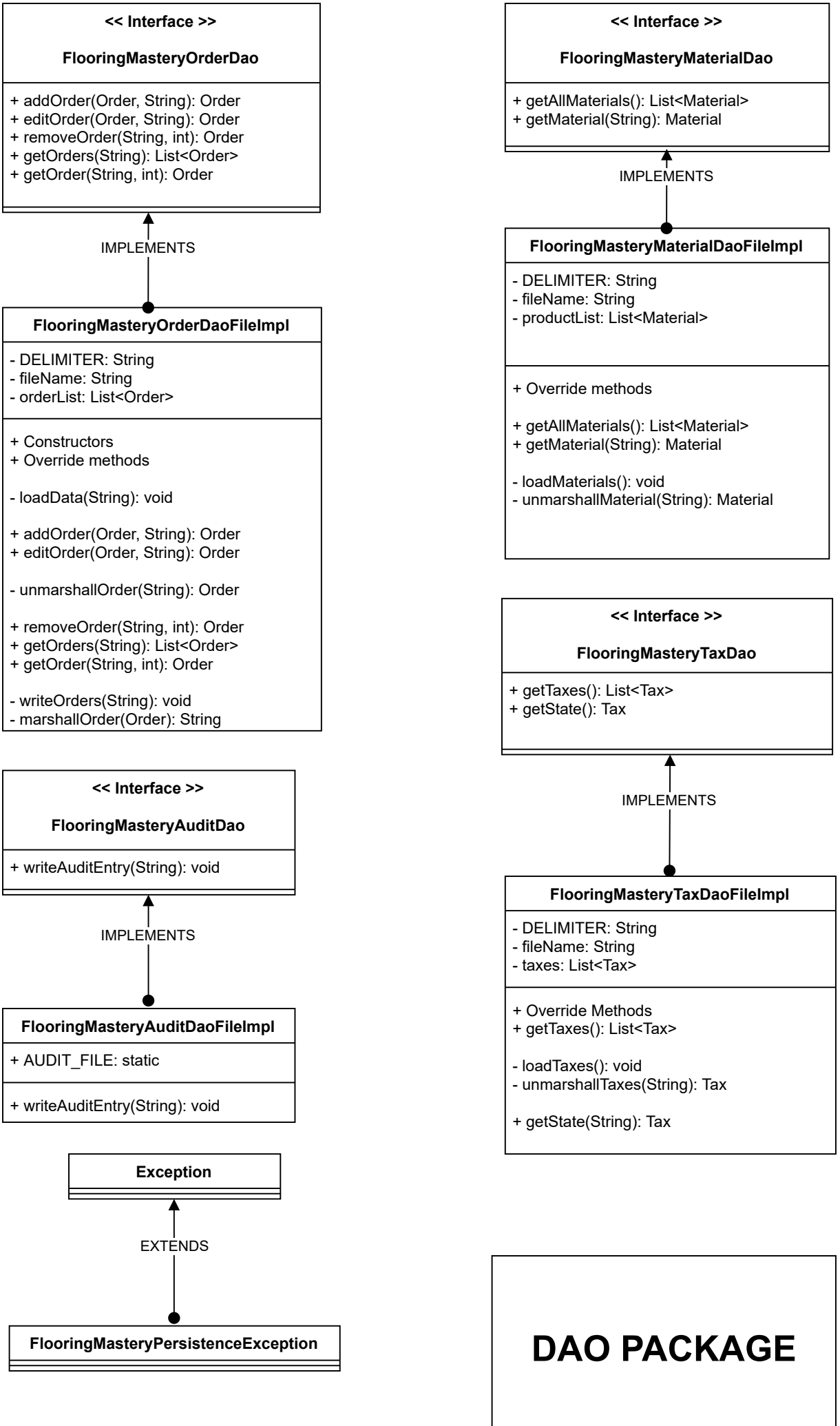

<< Interface >>
FlooringMasteryOrderDao
+ addOrder(Order, String): Order
+ editOrder(Order, String): Order
+ removeOrder(String, int): Order
+ getOrders(String): List<Order>
+ getOrder(String, int): Order
IMPLEMENTS
FlooringMasteryOrderDaoFileImpl
- DELIMITER: String
- fileName: String
- orderList: List<Order>
+ Constructors
+ Override methods
- loadData(String): void
+ addOrder(Order, String): Order
+ editOrder(Order, String): Order
- unmarshallOrder(String): Order
+ removeOrder(String, int): Order
+ getOrders(String): List<Order>
+ getOrder(String, int): Order
- writeOrders(String): void
- marshallOrder(Order): String
<< Interface >>
FlooringMasteryMaterialDao
+ getAllMaterials(): List<Material>
+ getMaterial(String): Material
IMPLEMENTS
FlooringMasteryMaterialDaoFileImpl
- DELIMITER: String
- fileName: String
- productList: List<Material>
+ Override methods
+ getAllMaterials(): List<Material>
+ getMaterial(String): Material
- loadMaterials(): void
- unmarshallMaterial(String): Material
<< Interface >>
FlooringMasteryTaxDao
+ getTaxes(): List<Tax>
+ getState(): Tax
IMPLEMENTS
FlooringMasteryTaxDaoFileImpl
- DELIMITER: String
- fileName: String
- taxes: List<Tax>
+ Override Methods
+ getTaxes(): List<Tax>
- loadTaxes(): void
- unmarshallTaxes(String): Tax
+ getState(String): Tax
<< Interface >>
FlooringMasteryAuditDao
+ writeAuditEntry(String): void
IMPLEMENTS
FlooringMasteryAuditDaoFileImpl
+ AUDIT_FILE: static
+ writeAuditEntry(String): void
Exception
EXTENDS
FlooringMasteryPersistenceException
DAO PACKAGE

FlooringMasteryController

- view: FlooringMasteryView
- serviceLayer: FlooringMasteryServiceLayer

+ Constructor
+ run(): void

- displayOrders(): void
- editOrder(): void
- removeOrder(): void

Material

<< get/set >> - productType: String
<< get >> - costPerSquareFoot: BigDecimal
<< get >> - labourCostPerSquareFoot: BigDecimal

+ Constructor
+ hashCode(): int
+ equals(Object): boolean
+ toString(): String

Tax

<< get >> - stateAbbr: String
<< get >> - stateName: String
<< get >> - taxRate: BigDecimal

+ Constructor
+ hashCode(): int
+ equals(Object): boolean
+ toString(): String

Order

<< get/set >> - orderNumber: int
<< get/set >> - customerName: String;
<< get/set >> - state: String;
<< get/set >> - taxRate: BigDecimal
<< get/set >> - productType: String
<< get/set >> - area: BigDecimal
<< get/set >> - costPerSquareFoot: BigDecimal
<< get/set >> - labourCostPerSquareFoot: BigDecimal
<< get/set >> - materialCost: BigDecimal
<< get/set >> - labourCost: BigDecimal
<< get/set >> - tax: BigDecimal
<< get/set >> - total: BigDecimal

+ Constructor
+ hashCode(): int
+ equals(Object): boolean
+ toString(): String

FlooringMasteryView

- io: UserIO

+ Constructor

+ printMenuAndGetSelection(): int
+ displayOrders(List<Order>): void
+ getUserDate(String): LocalDate

- printOrderDetails(Order): void

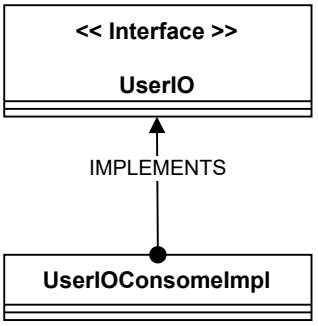
+ getOrderNumberToRemove(List<Order>): int
+ getConfirmation(String, Order): boolean
+ getFutureDate(String): LocalDate
+ getNewOrderInfo(List<Material>, List<Tax>): String[]

- getValidName(): String

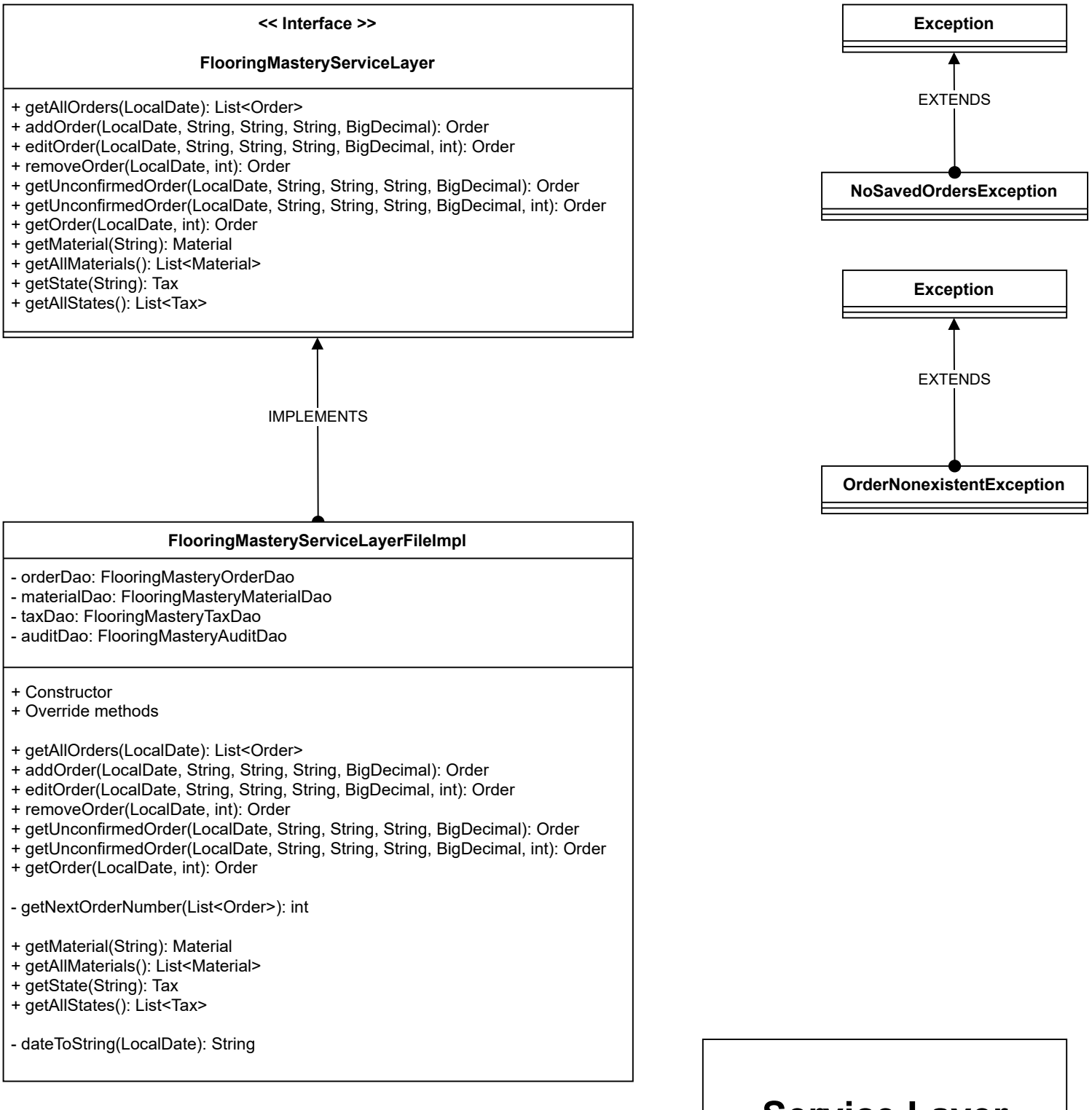
+ getEditedOrderInfo(Order, List<Material>, List<Tax>): String[]
+ displayStates(List<Tax>): void
+ displayMaterials(List<Material>): void
+ getArea(String): BigDecimal
+ getEditedArea(BigDecimal): BigDecimal
+ getOrderNumberToEdit(List<Order>): int

- validateOrderNumber(List<Order>, int): boolean
- getValidState(String, List<Tax>): String
- getValidMaterial(String, List<Material>): String

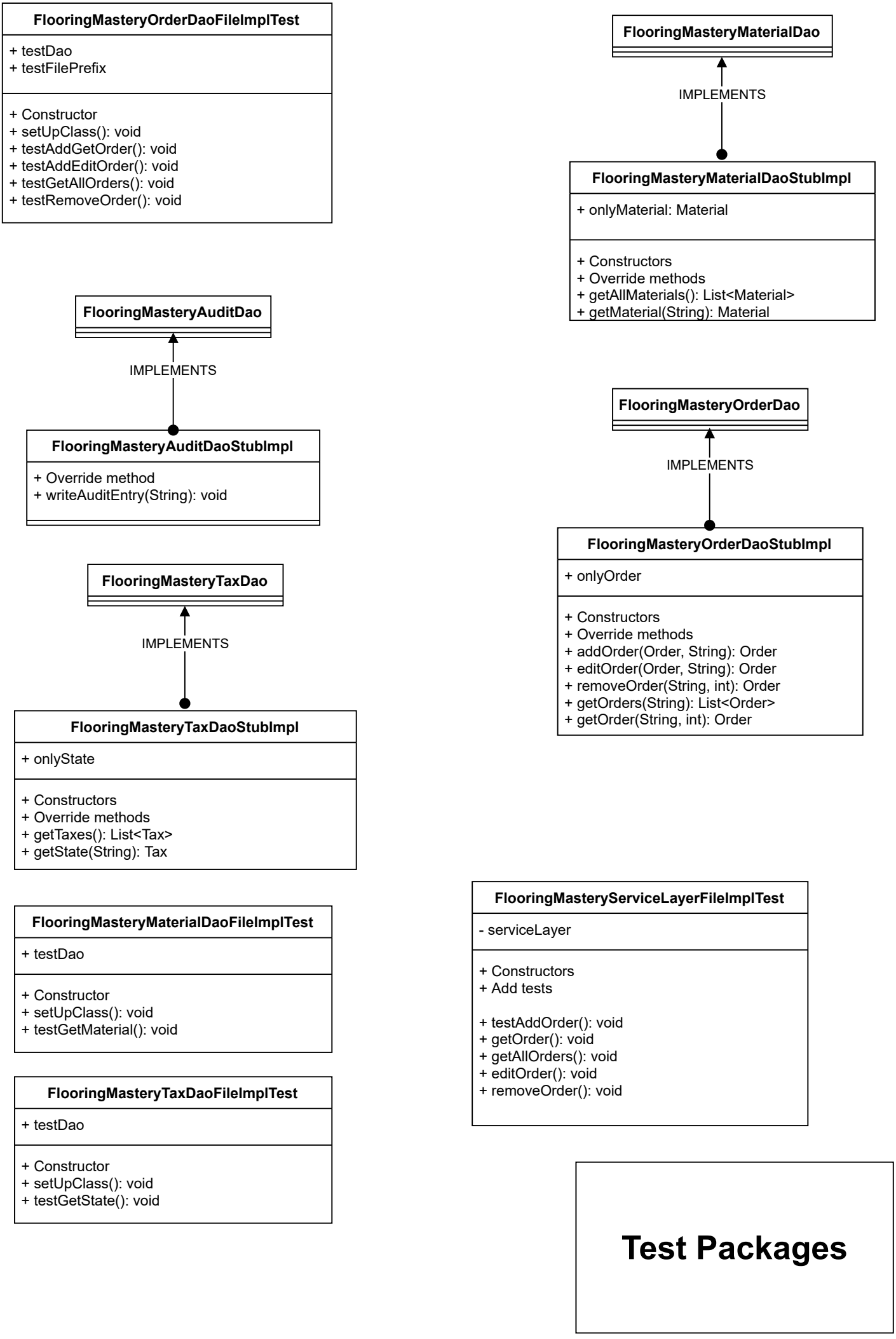
+ displayExitBanner(): void
+ displayUnknownCommandBanner(): void
+ displayErrorMessage(String errorMsg): void



Controller
UI (View, UserIO)
DTO



Service Layer Package


FlooringMasteryOrderDaoFileImplTest
+ testDao
+ testFilePrefix
+ Constructor
+ setUpClass(): void
+ testAddGetOrder(): void
+ testAddEditOrder(): void
+ testGetAllOrders(): void
+ testRemoveOrder(): void
FlooringMasteryMaterialDao
IMPLEMENTS
FlooringMasteryMaterialDaoStubImpl
+ onlyMaterial: Material
+ Constructors
+ Override methods
+ getAllMaterials(): List<Material>
+ getMaterial(String): Material
FlooringMasteryAuditDao
IMPLEMENTS
FlooringMasteryAuditDaoStubImpl
+ Override method
+ writeAuditEntry(String): void
FlooringMasteryOrderDao
IMPLEMENTS
FlooringMasteryOrderDaoStubImpl
+ onlyOrder
+ Constructors
+ Override methods
+ addOrder(Order, String): Order
+ editOrder(Order, String): Order
+ removeOrder(String, int): Order
+ getOrders(String): List<Order>
+ getOrder(String, int): Order
FlooringMasteryTaxDao
IMPLEMENTS
FlooringMasteryTaxDaoStubImpl
+ onlyState
+ Constructors
+ Override methods
+ getTaxes(): List<Tax>
+ getState(String): Tax
FlooringMasteryMaterialDaoFileImplTest
+ testDao
+ Constructor
+ setUpClass(): void
+ testGetMaterial(): void
FlooringMasteryTaxDaoFileImplTest
+ testDao
+ Constructor
+ setUpClass(): void
+ testGetState(): void
FlooringMasteryServiceLayerFileImplTest
- serviceLayer
+ Constructors
+ Add tests
+ testAddOrder(): void
+ getOrder(): void
+ getAllOrders(): void
+ editOrder(): void
+ removeOrder(): void
Test Packages