

Design principle

1. Single Responsibility Principle

#	Related modules	Description	Improvement
1.1	PlaceOrderController	It is responsible for multiple jobs	<ul style="list-style-type: none">- Create a new class ValidateDeliveryInfo to validate delivery information .- Create a new class calculateShippingFee to calculate the shipping fee.
1.2	PlaceRushOrderController	It is responsible for multiple jobs	<ul style="list-style-type: none">- Create a new class ValidateRushOrderInfo to validate information of delivery.- Create a new class changeFormulaShipFee to change the formula of shipping fee.

2. Open/Closed Principle

#	Related modules	Description	Improvement
2.1	PlaceOrderController , PlaceRushOrderController , RushOrder, Order	We need to develop rush order but we should not modify class order	-Create new class RushOrder extends Order. PlaceRushOrderController extends PlaceOrderController

3. Liskov Substitution Principle

#	Related modules	Description	Improvement
3.1			
3.2			

4. Interface Segregation Principle

#	Related modules	Description	Improvement
4.1			
4.2			

5. Dependency Inversion Principle

#	Related modules	Description	Improvement
.1	InterbankInterface	When we add new way to make a payment: Domestic debit card	Create new methods in InterbankInterface that pass a parameter like paymentMethod . CreditCard or DomesticDebitCard extends it.