**Design principle**

1. **Single Responsibility Principle**

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| # | Related modules | Description | Improvement |
| 1.1 | PlaceOrderController | It is responsible for multiple jobs | - 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 | - Create a new class ValidateRushOrderInfo to validate information of delivery.  - Create a new class changeFormulaShipFee to change the formula of shipping fee. |

1. **Open/Closed Principle**

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| # | 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 |

1. **Liskov Substitution Principle**

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| # | Related modules | Description | Improvement |
| 3.1 |  |  |  |
| 3.2 |  |  |  |

1. **Interface Segregation Principle**

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| # | Related modules | Description | Improvement |
| 4.1 |  |  |  |
| 4.2 |  |  |  |

1. **Dependency Inversion Principle**

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| # | 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. |