

# LAB 10- DESIGN CONCEPTS

## 1. Coupling

### 1.1. Content Coupling

Related modules	Description	Improvement

### 1.2. Common Coupling

Related modules	Description	Improvement

### 1.3. Control Coupling

Related modules	Description	Improvement
PlaceOrderController and ShippingScreenHandler	The action of validating data of shipment info in PlaceOrderController have accessed the flow of ShippingScreenHandler	PlaceOrderController only executes validate data. ShippingScreenHandler receives result of validating data and execute its own function to complete it flow

### 1.4. Stamp Coupling

Related modules	Description	Improvement

### 1.5. Data Coupling

Related modules	Description	Improvement
CartMedia	The action of passing all information of Cart to Cart Media is unnecessary	Remove Cart from passed parameters, only use media, quantity, price

## 2. Cohesion

### 2.1. Coincidental Cohesion

Related modules	Description	Improvement

### 2.2. Logical Cohesion

Related modules	Description	Improvement

### 2.3. Temporal Cohesion

Related modules	Description	Improvement

### 2.4. Procedural Cohesion

Related modules	Description	Improvement
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#### 2.5. Communication Cohesion

Related modules	Description	Improvement

#### 2.6. Sequential Cohesion

Related modules	Description	Improvement

#### 2.7. Informational Cohesion

Related modules	Description	Improvement

#### 2.8. Functional Cohesion

Related modules	Description	Improvement