

## DESIGN REVIEW OF AIMS PROJECT

### Couplings

#### Content coupling

No.	Description	Related modules	Proposed solutions
-	-	-	-

#### Common coupling

No.	Description	Related modules	Proposed solutions
-	-	-	-

#### Control coupling

No.	Description	Related modules	Proposed solutions
1	Calling controllers for placing normal order and rush order must depends on the selection of the checkbox	CartScreenHandler, PlaceOrderController, PlaceRushOrderController,	Currently I'm using abstract class with some (complicated) nested include, which is not a good design. A better idea is to use a boundary class which implements an interface in order to freely call necessary functions without caring about the structure (this is the original idea of me but I'm struggling building it)
2	Payment for order must depends on the type of order placed (need the correct type of order controller)	PlaceNormalOrderController, PlaceRushOrderController, PaymentMethodScreenHandler	

#### Stamp coupling

No.	Description	Related modules	Proposed solutions
1	Some functions of some class are passed some unnecessary data		Analyze types of information needed for the functions and changes where relevant

#### Data coupling

No.	Description	Related modules	Proposed solutions

#### Uncoupled

No.	Description	Related modules	Proposed solutions

## **Cohesion**

### Coincidental

No.	Description	Related modules	Proposed solutions

### Logical

No.	Description	Related modules	Proposed solutions

### Temporal

No.	Description	Related modules	Proposed solutions

### Procedural

No.	Description	Related modules	Proposed solutions
1	Constructors of place order controllers has nested relationships to serve the need of initializing the controller	PlaceOrderController, PlaceOrderController, PlaceRushOrderController	Redesign the controller to have better inheritance as well as introduce interfaces to solve the problem of recall unnecessary constructors

### Communicational

No.	Description	Related modules	Proposed solutions

### Sequential

No.	Description	Related modules	Proposed solutions

### Informational

No.	Description	Related modules	Proposed solutions

### Functional

No.	Description	Related modules	Proposed solutions