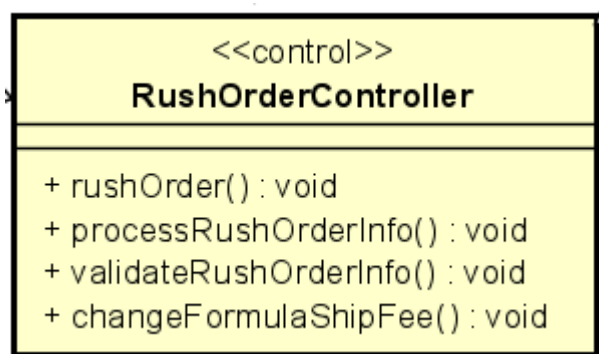


1. Class “RushOrderController”



Attribute

None

Operation

No	Name	Return type	Description (purpose)
1	rushOrder	void	Place rush order , check if media and address are supported
2	processRushOrderInfo	void	Process the rush order information
3	validateRushOrderInfo	void	Validate the rush order information
4	changeFormulaShipFee	void	Change the formular of shipping fees

Parameter

None

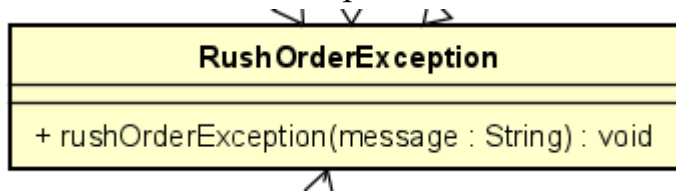
Exception

RushOrderException

Method

None

2. Class “RushOrderException”



Attribute

None

Operation

No	Name	Return type	Description (purpose)
1	rushOrderException	void	Exceptions of rush order

Parameter

- message : the different message of exception

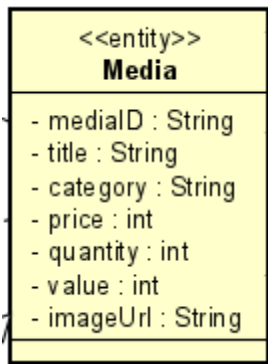
Exception

None

Method

None

3. Class “Media”



Attribute

No	Name	Data type	Default value	Description
1	mediaID	String	NULL	Represent ID of media
2	title	String	NULL	Represent title of media
3	category	String	NULL	Represent category of media
4	price	int	NULL	Represent cost of media
5	quantity	int	NULL	Represent quantity of media
6	value	int	NULL	Represent value of media
7	imageUrl	String	NULL	Represent the link url of media's image

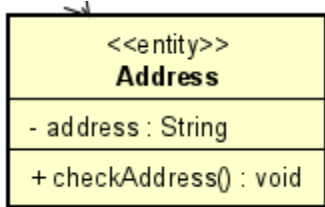
Operation

Parameter

Exception

Method

4. Class “Address”



Attribute

No	Name	Data type	Default value	Description
1	address	String	NULL	Represent the delivery address

Operation

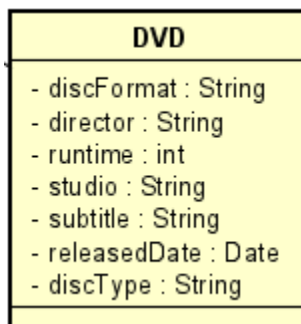
No	Name	Return type	Description (purpose)
1	checkAddress	void	Check if address is supported for rush order

Parameter

Exception

Method

5. Class “DVD”



Attribute

No	Name	Data type	Default value	Description
1	discFormat	String	NULL	Represent the format of disc. eg: Bluray, HD-DVD
2	director	String		Director
3	runtime	int		Duration time
4	studio	String		Manufacturer

5	subtitle	String		Subtitle
6	releasedDate	DATE		Release date
7	discType	String		Genres, eg: comedy, action

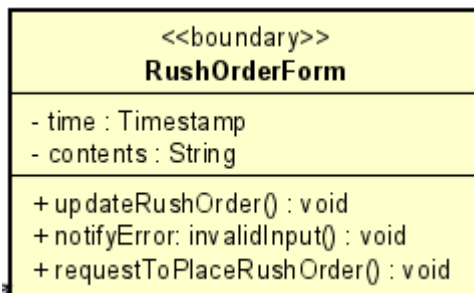
Operation

Parameter

Exception

Method

6. Class “RushOrderForm”



Attribute

No	Name	Data type	Default value	Description
1	time	Timestamp	NULL	Represent expected delivery time interval
2	contents	String	NULL	Represent note of customer

Operation

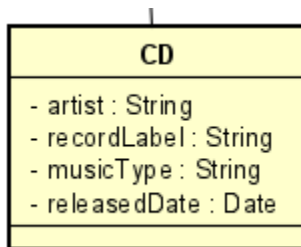
No	Name	Return type	Description (purpose)
1	updateRushOrder	void	Update the information of rush order
2	notifyError:invalidInput	void	Notify that the input is invalid
3	requestToPlaceRushOrder	void	Request to place rush order

Parameter

Exception

Method

7. Class “CD”



Attribute

No	Name	Data type	Default value	Description
1	artist	String	NULL	Artist's name
2	recordLabel	String	NULL	Record Label
3	musicType	String	NULL	Music genres (K-pop, US-UK..)
4	releasedDate	Date	NULL	Release date

Operation

Parameter

Exception

Method

8. Class “Book”

Book
- author : String - coverType : String - publisher : String - publishDate : Date - numOfPages : int - language : String - bookType : String

Attribute

No	Name	Data type	Default value	Description
1	author	String	NULL	Author
2	coverType	String	NULL	Cover type
3	publisher	String	NULL	Publisher
4	publishDate	Date	NULL	Date of publishing
5	numOfPage	int	NULL	Number of page
6	language	String	NULL	Language
7	bookType	String	NULL	Genres (comics, picture book ...)

Operation

Parameter

Exception

Method

9. Class “NoSupportMediaException”

NoSupportMediaException
+ NoSupportMediaException() : void

Attribute

Operation

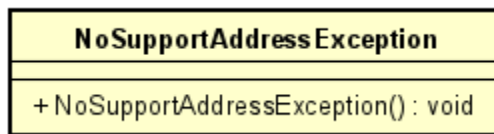
No	Name	Return type	Description (purpose)
1	NoSupportMediaException	void	Notify that media is unsupported for rush order

Parameter

Exception

Method

10. Class “NoSupportAddressException”



Attribute

Operation

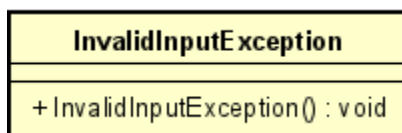
No	Name	Return type	Description (purpose)
1	NoSupportAddressException	void	Notify that address is unsupported for rush order

Parameter

Exception

Method

11. Class “InvalidInputException”



Attribute

Operation

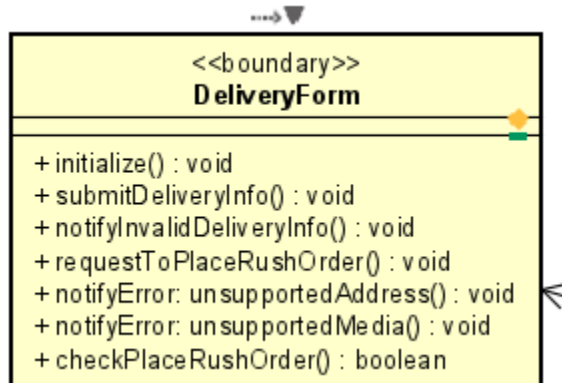
No	Name	Return type	Description (purpose)
1	InvalidInputException	void	Notify that input is invalid

Parameter

Exception

Method

12. Class “DeliveryForm”



Attribute

None

Operation

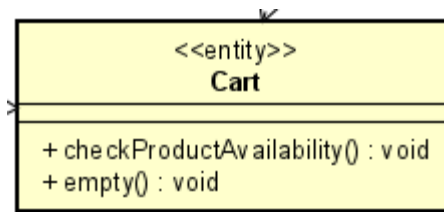
No	Name	Return type	Description (purpose)
1	initialize	void	Inititalize the delivery form
2	submitDeliveryInfo	void	Submit the delivery information
3	notifyInvalidDeliveryInfo	void	Notify that the delivery information is invalid
4	requestToPlaceRushOrder	void	Request to place rush order
5	notifyError: unsupportedAddress	void	Notify that the address is unsupported for rush order
6	notifyError: unsupportedMedia	void	Notify that the media is unsupported for rush order
7	checkPlaceRushOrder	Boolean	Check if user choose placing rush order

Parameter

Exception

Method

13. Class “Cart”



Attribute

Operation

No	Name	Return type	Description (purpose)
1	checkProductAvailability	void	Check if media is availability
2	empty	void	Empty the cart after saving invoice

Parameter

Exception

Method