Free report about relationship between classes

Life, Relationships

MainMenu class has a zero- to- one, i. e. direct relationship to MagazineMenu and SubscriptionMenu classes.

MagazinesMenu also has zero- to- one relationship to SubscriptionMenu Class.

MagazinesMenu and SubscriptionMenu class has a zero-to-many relationship to Magazine and Subscription class as subscription can be for any number of magazines, so it has zero-to-many relationship.

Subscription class is directly linked to the Magazine class as it has zero-to-one relationship between them.

Classes

- FileHandler

- Fields

- outByteStream – FileOutputStream

- OOStream – ObjectOutputStream

- inByteStream – FileInputStream

- OIStream – ObjectInputStream

- aFile – File

- Methods

- FileHandler()

- getPath()

- isFileEmpty()

- saveToFile(Subscription[])

- loadFromFile()

- Description

- This class is created to get the file and check if the file is empty or not. If

not then save the subscription to the file

- Magazine

- Fields

- serialVersionUID – long

- category – string

- price – double

- Methods

- Magazine(string, string, double)

- getCategory()

- setCategory(string)

- getTitle()

- setTitle(string)

- getPrice()

- setPrice(double)

- toString()

- MagInfo()

- compareTo(Magazine)

- Description

- This is an info class for object " Magazine". This class has all the

information related to the magazine like getting the magazine category,

price, etc

- Subscription

- Fields

- serialVersionUID – long

- expirationMonth – int

- expirationYear – int

- cardNumber – long

- cvc – int

- country – string

- Methods

- SubscriptionMenu(List magazines, List subscriptions)

- getOption()

- addSubscription(Magazine, string, string, string, string, string, string, string)

- addSubscription(Magazine)

- modifySubscription()

- deleteSubscription()

- findSubscription(Subscription)

- insertSubscription(Subscription)

- Description

- This class is created for all the subscription information of a user like name

of subscription, expiration of subscription, name and address of user or

subscriber etc.

- InvalidCardNumberException

- Fields

- serialVersionUID – long

- Methods

- InvalidCardNumberException(string)

- Description

- This class is created to handle the invalid card number error.

- InvalidCVCException

- Fields

- serialVersionUID – long

- Methods

- InvalidCVCException(string)

- Description

- This class is created to handle the invalid CVC error.

- InvalidExpirationException

- Fields

- serialVersionUID – long

- Description

- This class is created to handle the invalid expiration error.

- Methods

- InvalidExpirationException(string)

- InvalidNameException

- Fields

- serialVersionUID – long

- Methods

- InvalidNameException(string)

- Description

- This class is created to handle the invalid name error.

- MagazinesMenu

- Fields

- myIcon – icon

- addIcons – icon[]

- lastAdIcon – int

- rng – Random

- dropDownList -- JComboBox

- message – object[]

- Methods

- MagazinesMenu(List , List)

- getOption()

- browse()

- advertisement()

- Description

- This class is created to handle the menu of magazine.

- MainMenu

- Fields

- myIcon – Icon

- dropDownList -- JComboBox

- message – object[]

- Methods

- MainMenu(MagazinesMenu, SubscriptionMenu)

- getOption()

- Description

- This class is created to handle the main menu of the application.

- SubscriptionMenu

- Fields

- myIcon – Icon

- dropDownList -- JComboBox

- dropDownMagazines -- JComboBox

- message – object[]

- Methods

- SubscriptionMenu(List , List)

- getOption()

- addSubscription(Magazine, string, string, string, string, string, string, string)

- addSubscription(Magazine)

- modifySubscription()

- deleteSubscription()

- findSubscription(Subscription)

- insertSubscription(Subscription)

- Description

- This class handles the subscription menu and contains methods to add,

modify, delete and find subscription.

- MagazineSubscriptionApp

- Methods

- MagazineSubscriptionApp()

- Main(String[])

- Description

- This is the main class created for this application which will run every time

the application is started. This is like a console application.