Interface Specification

Nguyen Tieu Phuong 20210692

## Interface name

IPayment

## Interface description

This interface provides the payment functionality that help VNPay subsystem communicate with the AIMS software. The interface serves various functions related to payment and gets the necessary data for the processing of transactions.

## Operations

#### payOrder(amount: double, orderInfo: String, client: Client)

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Make a pay order request with the specified amount for the order associated with order information.

@param **amount** of money that is transferred in the transaction

@param **orderInfo** the order that the payment is made for

@param **client** the class initiates the pay order request message

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#### updateTransactionOnSuccess (transaction)

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Upon the successful transaction, update the transaction result accordingly.

@param **transaction** the succeeded transaction

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#### updateTransactionOnFailure(exception)

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After an exception of the transaction is thrown, update the transaction result accordingly.

@param **exception** the transaction exception thrown

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#### sendPayOrder(queryURL)

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After the query URL is built, AIMS software send the pay order request to VNPay via this URL.

@param **queryURL** the URL contains the data of the query

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## Interface documentation