**QUERY SERVICE API**

**Source of Project: -**

TFS Path: $/eCaseLink/DSG.Enterprise/DSG.Action.QueryService

Graphical user interface, text, application

Description automatically generated

SVC:

QueryService.svc.cs

Graphical user interface, text, application

Description automatically generated

Functions Present: -

Graphical user interface

Description automatically generated with low confidence

Swagger UI for Query Service API: -

Graphical user interface, text, application, Teams

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Query Service:-

Constructor method defines the accepted maximum size of the message.

Text

Description automatically generated with medium confidence

* **Create Query: -**

Create Query is used to create query. It receives a string in the JSON format and returns a list comprising of the details as to whether the query creation was successful or not.

The accepted string is deserialized into a Query Info object of Query List, which is looped through with the details, creating the queries one after the other.

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Parameter Values: -

Protocol ID : 7797, environment : Dev, module : eCaseLink, query ID: 0, module ID:1, site Number: 10, display: 001-0005 (RAG), subtype: 1, page Number: 20, sequence: 0, visit Number: 100, visit Sequence: 0, fieldname: 1Screening Visit, validate ID: 0, message ID: 0, user ID: 4, query Access Action: Create Manual, query Priority: Low, event Text: FEVER, event User To Respond: 4, ecl Level: Site, mails: test@dsg-us.com

* Create Query Batch: -

The Main objective of Create Query Batch is to create multiple queries at a time.

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Parameter Values: -

Query JSON:

[

{"customerID":0,"sponsorID":0,"protocolID":7797,"environment":"0","moduleID":1,"userID":4,"screenName":"0","clientTZO":"0","threadText":"0","siteID":10,"usubjID":5,"visitID":1,"visitSequence":0,"pageID":10,"sequence":0,"pageReleaseID":0,"rowNo":0,"fieldID":10,"queryID":0,"excludeID":0,"eventType":3,"eventPriority":0,"action":"Create","queryText":"Ear Pain"},

{"customerID":0,"sponsorID":0,"protocolID":7797,"environment":"0","moduleID":1,"userID":4,"screenName":"0","clientTZO":"0","threadText":"0","siteID":10,"usubjID":5,"visitID":1,"visitSequence":0,"pageID":10,"sequence":0,"pageReleaseID":0,"rowNo":0,"fieldID":10,"queryID":0,"excludeID":0,"eventType":3,"eventPriority":0,"action":"Create","queryText":"Throat Pain"}

]

Protocol ID: 7797

* To get All Query Data: -

To Get All Query Data method is used to retrieve the data from the Database by providing Specific Protocol ID. It fetches all the Queries whatever we are created.

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Parameter Values: -

Protocol ID: 7797

* To get Data by Queries ID: -

This method is used to retrieve the data based on providing the specific Protocol ID and Query ID.

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Parameter Values: -

Query ID: 466

Protocol ID: 7797

* To get Data by Page ID: -

This method is used to retrieve the data based on providing the specific Protocol ID and Page ID.

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Parameter Values: -

Page ID: 10

Protocol ID: 7797

* To get Data by Start Value & Limit Value: -

This method is used to retrieve the data based on providing the specific Protocol ID ,start value & limit value.

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Parameter Values: -

Start: 1

Limit: 10

Protocol ID: 7797

* Query Close: -

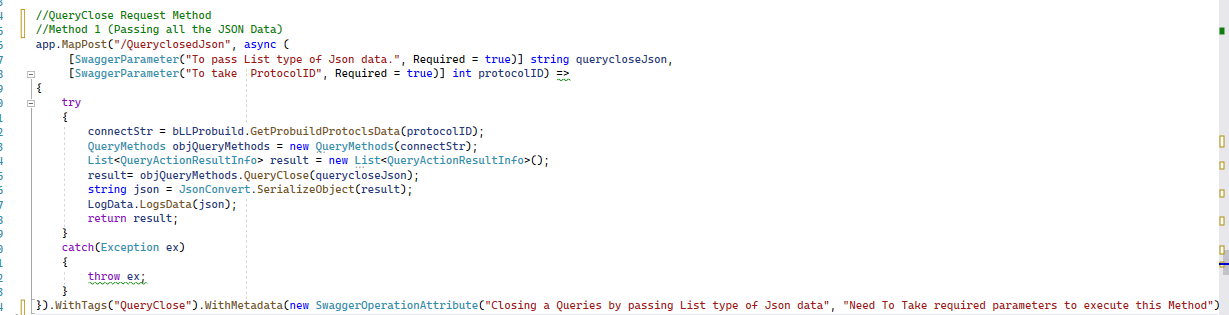
Function to close queries in bulk based on the query ID. It receives a string in the JSON format and returns a list comprising of the details as to whether the query was closed successfully or not.

The accepted string is deserialized into a Query Info object of Query List Info, which is looped through with the details, closing the queries one after the other based on the Quey ID.

In this function we are creating two methods i.e.;

* First Method the data is passing List type of JSON data and Protocol ID.
* Second Method the data is providing by required parameters for Query Close.

First Method: -



Graphical user interface, text, application, email

Description automatically generated

Parameter Values: -

Query close JSON:

{"customer ID”: "0","sponsorID":"0","protocolID":"0","moduleID":"1", "screenName":"0","clientTZO":"0", "ProtocolID":0,"Environment":"0","Module":"ECL",

"Queries": [{"QueryID":460,"ModuleID":4,"SiteID":3465,"UsubjID":1,"PageID":33,"Sequence":0,"VisitID":0,"VisitSequence":0,"FieldID":3465,"ValidateID":0,"MessageID":0,"UserID":4,"EventType":2,"EventPriority":0,"EventText":"DSG","EventUserToRespond":4,"QueryLevel":8,"Mails":"dsg@gmail.com"}]}

Protocol ID: 7797

Second Method: -

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Parameter Values: -

Protocol ID: 7797

Environment: Dev

Module: eCaseLink

Query ID: 473

User ID: 4

Event Text: Cold

* Query Reviewed: -

Function which accepts the queries in bulk and returns if the queries have been reviewed or not based on the query ID.

The accepted string is deserialized into a Query Info object of QueryActionResultInfo, which is looped through with the details, checking if the query has been reviewed or not based on the Query ID.

In this function we are creating two methods i.e.;

* First Method the data is passing List type of JSON data and Protocol ID.
* Second Method the data is providing by required parameters for Query Reviewed.

First Method: -

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Parameter Values: -

Query Review JSON:

{"customer ID”: "0","sponsorID":"0","protocolID":"0","moduleID":"1", "screenName":"0","clientTZO":"0", "ProtocolID":0,"Environment":"0","Module":"ECL",

"Queries": [{"QueryID":460,"ModuleID":4,"SiteID":3465,"UsubjID":1,"PageID":33,"Sequence":0,"VisitID":0,"VisitSequence":0,"FieldID":3465,"ValidateID":0,"MessageID":0,"UserID":4,"EventType":2,"EventPriority":0,"EventText":"DSG","EventUserToRespond":4,"QueryLevel":8,"Mails":"dsg@gmail.com"}]}

Protocol ID: 7797

Second Method: -

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Parameter Values: -

Protocol ID: 7797

Environment: Dev

Module: eCaseLink

Query ID: 473

User ID: 4

* Query Reviewed Deleted: -

Function which accepts the queries in bulk and returns the status of each query based on the query ID.

The accepted string is deserialized into a Query Info object of Query List Info, which is looped through with the details, checking the status of each query based on the Quey ID.

In this function we are creating two methods i.e.;

* First Method the data is passing List type of JSON data and Protocol ID.
* Second Method the data is providing by required parameters for Query Reviewed Deleted.

First Method: -

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Parameter Values: -

Query Reviewed Deleted JSON:

{"customer ID”: "0","sponsorID":"0","protocolID":"0","moduleID":"1", "screenName":"0","clientTZO":"0", "ProtocolID":0,"Environment":"0","Module":"ECL",

"Queries": [{"QueryID":460,"ModuleID":4,"SiteID":3465,"UsubjID":1,"PageID":33,"Sequence":0,"VisitID":0,"VisitSequence":0,"FieldID":3465,"ValidateID":0,"MessageID":0,"UserID":4,"EventType":2,"EventPriority":0,"EventText":"DSG","EventUserToRespond":4,"QueryLevel":8,"Mails":"dsg@gmail.com"}]}

Protocol ID: 7797

Second Method: -

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Parameter Values: -

Protocol ID: 7797

Environment: Dev

Module: eCaseLink

Query ID: 473

User ID: 4

* Query Reopen: -

The accepted string is deserialized into a Query Info object of Query List Info, which is looped through with the details, reopening each query (updating the status of each query to open along with the even text).

In this function we are creating two methods i.e.;

* First Method the data is passing List type of JSON data and Protocol ID.
* Second Method the data is providing by required parameters for Query Reviewed Deleted.

First Method: -

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Parameter Values: -

Query Reopened JSON:

{"customer ID”: "0","sponsorID":"0","protocolID":"0","moduleID":"1", "screenName":"0","clientTZO":"0", "ProtocolID":0,"Environment":"0","Module":"ECL",

"Queries": [{"QueryID":460,"ModuleID":4,"SiteID":3465,"UsubjID":1,"PageID":33,"Sequence":0,"VisitID":0,"VisitSequence":0,"FieldID":3465,"ValidateID":0,"MessageID":0,"UserID":4,"EventType":2,"EventPriority":0,"EventText":"DSG","EventUserToRespond":4,"QueryLevel":8,"Mails":"dsg@gmail.com"}]}

Protocol ID: 7797

Second Method: -

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Parameter Values: -

Protocol ID: 7797

Environment: Dev

Module: eCaseLink

Query ID: 473

User ID: 4

Event Text: Cold

Event User to Respond: 4

* Query Response: -

Function to create responses for the queries in bulk based on the query ID. It receives a string in the JSON format and returns a list comprising of the details as to whether the query response creation was successful or not.

The accepted string is deserialized into a Query Info object of Query List Info, which is looped through with the details, creating the query responses one after the other based on the Quey ID.

In this function we are creating two methods i.e.;

* First Method the data is passing List type of JSON data and Protocol ID.
* Second Method the data is providing by required parameters for Query Response.

First Method: -

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, application

Description automatically generated

Parameter Values: -

Query Response JSON:

{"customer ID”: "0","sponsorID":"0","protocolID":"0","moduleID":"1", "screenName":"0","clientTZO":"0", "ProtocolID":0,"Environment":"0","Module":"ECL",

"Queries": [{"QueryID":460,"ModuleID":4,"SiteID":3465,"UsubjID":1,"PageID":33,"Sequence":0,"VisitID":0,"VisitSequence":0,"FieldID":3465,"ValidateID":0,"MessageID":0,"UserID":4,"EventType":2,"EventPriority":0,"EventText":"DSG","EventUserToRespond":4,"QueryLevel":8,"Mails":"dsg@gmail.com"}]}

Protocol ID: 7797

Second Method: -

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Parameter Values: -

Protocol ID: 7797

Environment: Dev

Module: eCaseLink

Query ID: 473

User ID: 4

Event Text: Cold

Event User to Respond: 4

* Query Status: -

This Method is used to see the Status of the Queries by Passing List type of JSON Data.

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Parameter Values: -

Query Status:

{"CustomerID":0,"SponsorID":0,"ProtocolID":0,"Environment":"0","ModuleID":1,"UserID":4,"ScreenName":"0","ClientTZO":"0","ThreadText":"TEST",

"QueryData":[{"SiteID":26,"UsubjID":0,"VisitID":0,"VisitSequence":0,"PageID":10,"Sequence":0,"PageReleaseID":0,"RowNo":0,"FieldID":10,"QueryID":466,"ExcludeID":0,"EventType":0,"EventPriority":0,"Action":"0","QueryText":"TEST"}]}

Protocol ID: 7797

* Query List of Queries: -

The function accepts a string which is deserialized into the Query Request Info object.

1. The object is then checked if the page ID is greater than 0, then return all the page level queries.
2. The object is then checked if the field ID is greater than 0, then return all the field level queries.
3. The object is then checked if the Subject ID is greater than 0, then return all the subject level queries.
4. The object is then checked if the Site ID is greater than 0, then return all the site level queries.

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Parameter Values: -

List Query JSON:

{"ProtocolID":0,"Environment":"0","ModuleID":1,"SiteID":15,"UsubjID":0,"PageID":10,"Sequence":0,"FieldID":10,"UserID":4}

Protocol ID: 7797