

Happiness Index Votes Inquiry Service

Web Service Specification

V 4.3

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Document Control

Document History

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19-11-2015	3.0	Yusuf Khan	Version 3.0 includes backend fixes for fetching votes complaint to dateTime format. Updated Sections are 3.1.1 and 3.2.1
17-01-2017	4.0	Tabish Shamim	<ul style="list-style-type: none"> Specifications for version 4 of the Happiness Inquiry service, including the new Questions API. Converted document template to reflect new SDG branding / format. Added Questions API operation.
25-01-2017	4.1	Tabish Shamim	<ul style="list-style-type: none"> Added new operation 'getEmployeeVotesByServiceDeskpoint' Modified existing operation geVotesByServiceDeskpoint to restrict internal votes.
12-04-2017	4.2	Yusuf Khan	<ul style="list-style-type: none"> Added details about restricted search in happiness inquiry service in section 2 as a Note.
04-06-2017	4.3	Tabish Shamim	<ul style="list-style-type: none"> Added 2 new operations: <ol style="list-style-type: none"> getAllBeatsByPagination getBeatSummary Added correct format for 'date' parameter in all the operations.

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Glossary

Term	Description
GSB	Government Service Bus
API	Application Programming Interface
WSDL	Web Services Description Language
SDG	Smart Dubai Government

1 Introduction

This document describes the “Happiness Index Vote Inquiry” Web Service specification designed to allow Service Providers to inquire about the Happiness Index vote based on multiple filters with Dubai Smart Government Happiness Index Calculator and Dashboard System.

The Audience of this document is those who want to integrate with “Happiness Index Vote Inquiry” Web Service using SOAP standards, this document describes the operations available and what should be the input and output parameters when invoking these operations

1.1 Purpose

This guide is written for Government Entities that want to integrate with Happiness Index Calculator and Dashboard System to inquire the level of happiness and satisfaction of end users towards Government Services provided through different sessions

1.2 Scope

The scope of this document is to explain the various operations of the “Happiness Index Vote Inquiry” Web Service.

This document does not guide the developer how to create Web Service Client or which client technology to use, it is free for the developer to select the appropriate technology to create the client which will be communicating with the SOAP Web Service

2 Webservice Operations

This section will list the operations available by the Happiness Index Vote Inquiry Web Service

Note: All the search operations either have filter to search the votes on a particular date or between a particular dates ranges, if the date related search filters are used. The date search filter i.e. ‘date’, ‘fromDate’, ‘toDate’ are optional but we have added below restrictions as per new release in order to avoid fetching of huge number of votes from the web service single call.

1. The services are restricted to fetch the votes for maximum of one day.
2. The search parameters ‘date’, ‘fromDate’ and ‘toDate’ are used as below:
 - a. If ‘date’ parameter passed in the request then there is no need to pass ‘fromDate’ and ‘toDate’.
 - b. If ‘fromDate’ and ‘toDate’ passed in the request then there is no need to pass ‘date’ parameter.
 - c. If none of the date search parameters (i.e. ‘date’, ‘fromDate’, ‘toDate’) passed in the request then the operation will fetch the vote’s result of the current day.
3. In case you want to fetch the votes of a particular day, you need to pass ‘date’ parameter with the date value for the required day.
4. In order to fetch multiple days record the service needs to be called one by one for each day.

5. The date range between 'fromDate' and 'toDate' should also be not more than 1 day.

2.1 getVotesByApplication

This operation is used to fetch the list of all the Happiness Index votes for the application based search parameters

2.1.1 Input Parameters

Tag Name	Type	Length	Description
getVotesByApplication	Object	1	Wrap Request Information
applicationId	String	50	String represents the the application ID
applicationType	String	25	String represents the type of Application based on lookup values e.g. SMARTAPP, WEBAPP, DESKTOP etc.
applicationPlatform	String	50	String represents the platform of Application based on lookup values e.g. BLACKBERRY, WINDOWS, ANDROID etc.
Result	Integer	1	Integer lookup representing the happiness indicator. Possible values are -1,0,1
Date	Date	N/A	Represents the search filter based on date to inquire the votes on a particular date. Format : DD/MM/YYYY
fromDate	Date Time	N/A	Represents the search filter based on date time to inquire the votes in a particular date time range. This parameter should be used along with the parameter "toDate". Format : DD/MM/YYYY HH:MM:SS
toDate	Date Time	N/A	Represents the search filter based on date time to inquire the votes in a particular date time range. This parameter should be used along with the parameter "fromDate". Format : DD/MM/YYYY HH:MM:SS

2.1.2 Sample Request



```

<soapenv:Envelope
xmlns:inq="https://api.qa.dubai.gov.ae/secure/dsg/happiness/1.0.0/inquiry"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header>
    <wsse:Security soapenv:mustUnderstand="1"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
      <wsu:Timestamp wsu:Id="TS-0505A901049D2BB1E914258841103694">
        <wsu:Created>2015-03-09T06:55:10.369Z</wsu:Created>
        <wsu:Expires>2015-03-09T08:35:10.369Z</wsu:Expires>
      </wsu:Timestamp>
      <wsse:UsernameToken wsu:Id="UsernameToken-
0505A901049D2BB1E914258841021953">
        <wsse:Username>username</wsse:Username>
        <wsse:Password Type="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-username-token-profile-
1.0#PasswordText">XXXXXX</wsse:Password>
        <wsu:Created>2015-03-09T06:55:02.195Z</wsu:Created>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <inq:getVotesByApplication>
      <inq:applicationId></inq:applicationId>
      <inq:applicationType>SMARTAPP</inq:applicationType>
      <inq:applicationPlatform>WINDOWS</inq:applicationPlatform>
      <inq:result>-1</inq:result>
      <inq:date>25-10-2014</inq:date>
      <inq:fromDate></inq:fromDate>
      <inq:toDate></inq:toDate>
    </inq:getVotesByApplication>
  </soapenv:Body>
</soapenv:Envelope>

```

2.1.3 Output Parameters

Output from the Webservice call to this operation returns XML data. The details of the XML are as follows:

Tag Name	Type	Length	Description
happinessInqByAppResponse	Object	N/A	Wraps all returned Entities information
Vote	Array of Vote Object	N/A	Represent the array if vote objects
Type	String	50	Represents the Type of Vote
applicationId	String	50	String represents the the application ID

applicationType	String	25	String represents the type of Application based on lookup values e.g. SMARTAPP, WEBAPP, DESKTOP etc.
applicationPlatform	String	50	String represents the platform of Application based on lookup values e.g. BLACKBERRY, WINDOWS, ANDROID etc.
applicationUrl	String	N/A	String representing the URL of the Application
applicationVersion	String	N/A	Version of the application (If any)
userSource	String	25	String represents the source of the end user. For e.g. MYID, LOCAL etc.
emiratesId	String	25	String represents the Emirates ID of the end user
userName	String	N/A	String represents the user name.
userEmail	String	N/A	String represents the user email ID.
userMobile	Integer	N/A	String represents the user mobile number.
Result	Integer	1	Integer lookup representing the happiness indicator. Possible values are -1,0,1
Notes	String	N/A	String represents ant additional comments or notes
createdDate	Date Tiime	N/A	Date of creation of Vote in UTC format
beatId	Integer	N/A	Unique identifier for the beat. (BeatId would be used to query the questions/answers associated with this beat, in the getQuesAnswersByBeatId operation)
mobileNo	String	25	Mobile number entered while providing feedback
remarksEn	String	1023	Remarks entered while providing feedback (if language is 'English')

remarksAr	String	1023	Remarks entered while providing feedback (if language is 'Arabic')
-----------	--------	------	--------------------------------------------------------------------

2.1.4 Sample Response

```

<happinessInqByAppResponse
xmlns="https://api.qa.dubai.gov.ae/secure/dsg/happiness/1.0.0/inquiry">
  <vote>
    <type>APPLICATION</type>
    <applicationId>12345</applicationId>
    <applicationType>SMARTAPP</applicationType>
    <applicationPlatform>BLACKBERRY</applicationPlatform>
    <applicationUrl>http://mpay.qa.dubai.ae</applicationUrl>
    <applicationVersion></applicationVersion>
    <userSource>LOCAL</userSource>
    <emiratesId></emiratesId>
    <userName>2208</userName>
    <userEmail>2208@email.com</userEmail>
    <userMobile></userMobile>
    <result>0</result>
    <notes></notes>
    <createdDate>31/07/2014 14:50:58</createdDate>
    <mobileNo>+971556634332</mobileNo>
    <remarksEn xsi:nil="true"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
    <remarksAr>Message 4</remarksAr>
  </vote>
</happinessInqByAppResponse>

```

2.2 getVotesByServiceDeskpoint

This operation is used to fetch the list of all the Happiness Index votes for the service desk point based search parameters

2.2.1 Input Parameters

Tag Name	Type	Length	Description
getVotesByServiceDeskpoint	Object	N/A	Wrap Request Information
serviceCenterName	String	50	String represents the Service Center Name in English.
serviceCounterName	String	50	String represents the Service Counter Name in English.

Date	Date	N/A	Represents the search filter based on date to inquire the votes on a particular date. Format : DD/MM/YYYY
fromDate	Date Time	N/A	Represents the search filter based on date time to inquire the votes in a particular date time range. This parameter should be used along with the parameter "toDate". Format : DD/MM/YYYY HH:MM:SS
toDate	Date Time	N/A	Represents the search filter based on date time to inquire the votes in a particular date time range. This parameter should be used along with the parameter "fromDate". Format : DD/MM/YYYY HH:MM:SS

2.2.2 Sample Request

```

<soapenv:Envelope
xmlns:inq="https://api.qa.dubai.gov.ae/secure/dsg/happiness/1.0.0/inquiry"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header>
    <wsse:Security soapenv:mustUnderstand="1"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
      <wsu:Timestamp wsu:Id="TS-0505A901049D2BB1E914258809393532">
        <wsu:Created>2015-03-09T06:02:19.353Z</wsu:Created>
        <wsu:Expires>2015-03-09T07:42:19.353Z</wsu:Expires>
      </wsu:Timestamp>
      <wsse:UsernameToken wsu:Id="UsernameToken-
0505A901049D2BB1E914258809343621">
        <wsse:Username>Username</wsse:Username>
        <wsse:Password Type="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-username-token-profile-
1.0#PasswordText">XXXXXXX</wsse:Password>
        <wsu:Created>2015-03-09T06:02:14.349Z</wsu:Created>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <inq:getVotesByServiceDeskpoint>
      <inq:serviceCenterName/>
      <inq:serviceCounterName/>
      <inq:date>01-01-2013</inq:date>
      <inq:fromDate/>
      <inq:toDate/>
    </inq:getVotesByServiceDeskpoint>
  </soapenv:Body>
</soapenv:Envelope>

```

```

</inq:getVotesByServiceDeskpoint>
  </soapenv:Body>
</soapenv:Envelope>

```

2.2.3 Output Parameters

Output from the Webservice call to this operation returns XML data. The details of the XML are as follows:

Tag Name	Type	Length	Description
happinessInqByDeskPointResponse	Object	N/A	Wraps all returned Entities information
vote	Array of Vote Object	N/A	Represent the array if vote objects
serviceCenterName	String	50	String represents the Service Center Name in English.
serviceCounterName	String	50	String represents the Service Counter Name in English.
type	String	50	Represents the type of Vote
result	Integer	1	Integer lookup representing the happiness indicator. Possible values are -1,0,1
notes	String	N/A	String represents ant additional comments or notes
createdDate	Date Tiime	N/A	Date of creation of Vote in UTC format
beatId	Integer	N/A	Unique identifier for the beat. (BeatId would be used to query the questions/answers associated with this beat, in the getQuesAnswersByBeatId operation)
mobileNo	String	25	Mobile number entered while providing feedback
remarksEn	String	1023	Remarks entered while providing feedback (if language is 'English')

remarksAr	String	1023	Remarks entered while providing feedback (if language is 'Arabic')
-----------	--------	------	--------------------------------------------------------------------

2.2.4 Sample Response

Note: The below sample illustrates the Body message

```
<happinessInqByDeskPointResponse
xmlns="https://api.qa.dubai.gov.ae/secure/dsg/happiness/1.0.0/inquiry">
  <vote>
    <serviceCenterName></serviceCenterName>
    <serviceCounterName></serviceCounterName>
    <type>SERVICE_DESK_POINT</type>
    <result>-1</result>
    <notes></notes>
    <createdDate>2013-01-01T00:26:13.000+04:00</createdDate>
  </vote>
  <vote>
    <serviceCenterName></serviceCenterName>
    <serviceCounterName></serviceCounterName>
    <type>SERVICE_DESK_POINT</type>
    <result>-1</result>
    <notes></notes>
    <createdDate>2013-01-01T00:27:43.000+04:00</createdDate>
    <mobileNo>+971556634332</mobileNo>
    <remarksEn xsi:nil="true"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
    <remarksAr>Message 4</remarksAr>
  </vote>
</happinessInqByDeskPointResponse>
```

2.3 getEmployeeVotesByServiceDeskpoint

This operation is used to fetch the list of all the Happiness Index votes for internal users (i.e. employees) for the service desk point based search parameters

2.3.1 Input Parameters

Tag Name	Type	Length	Description
getEmployeeVotesByServiceDeskpoint	Object	N/A	Wrap Request Information
serviceCenterName	String	50	String represents the Service Center Name in English.
serviceCounterName	String	50	String represents the Service Counter Name in English.

Date	Date	N/A	Represents the search filter based on date to inquire the votes on a particular date. Format : DD/MM/YYYY
fromDate	Date Time	N/A	Represents the search filter based on date time to inquire the votes in a particular date time range. This parameter should be used along with the parameter "toDate". Format : DD/MM/YYYY HH:MM:SS
toDate	Date Time	N/A	Represents the search filter based on date time to inquire the votes in a particular date time range. This parameter should be used along with the parameter "fromDate". Format : DD/MM/YYYY HH:MM:SS

2.3.2 Sample Request

```

<soapenv:Envelope
xmlns:inq="https://api.qa.dubai.gov.ae/secure/dsg/happiness/1.0.0/inquiry"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header>
    <wsse:Security soapenv:mustUnderstand="1"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
      <wsu:Timestamp wsu:Id="TS-0505A901049D2BB1E914258809393532">
        <wsu:Created>2015-03-09T06:02:19.353Z</wsu:Created>
        <wsu:Expires>2015-03-09T07:42:19.353Z</wsu:Expires>
      </wsu:Timestamp>
      <wsse:UsernameToken wsu:Id="UsernameToken-
0505A901049D2BB1E914258809343621">
        <wsse:Username>Username</wsse:Username>
        <wsse:Password Type="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-username-token-profile-
1.0#PasswordText">XXXXXXX</wsse:Password>
        <wsu:Created>2015-03-09T06:02:14.349Z</wsu:Created>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <inq:getEmployeeVotesByServiceDeskpoint>
      <inq:serviceCenterName/>
      <inq:serviceCounterName/>
      <inq:date>01-01-2013</inq:date>
      <inq:fromDate/>
      <inq:toDate/>
    </inq:getEmployeeVotesByServiceDeskpoint>
  </soapenv:Body>
</soapenv:Envelope>

```



```
</inq:getEmployeeVotesByServiceDeskpoint>
  </soapenv:Body>
</soapenv:Envelope>
```

2.3.3 Output Parameters

Output from the Webservice call to this operation returns XML data. The details of the XML are as follows:

Tag Name	Type	Length	Description
happinessInqByDeskPointResponse	Object	N/A	Wraps all returned Entities information
vote	Array of Vote Object	N/A	Represent the array if vote objects
serviceCenterName	String	50	String represents the Service Center Name in English.
serviceCounterName	String	50	String represents the Service Counter Name in English.
type	String	50	Represents the type of Vote
result	Integer	1	Integer lookup representing the happiness indicator. Possible values are -1,0,1
notes	String	N/A	String represents ant additional comments or notes
createdDate	Date Tiime	N/A	Date of creation of Vote in UTC format
beatId	Integer	N/A	Unique identifier for the beat. (BeatId would be used to query the questions/answers associated with this beat, in the getQuesAnswersByBeatId operation)
mobileNo	String	25	Mobile number entered while providing feedback
remarksEn	String	1023	Remarks entered while providing feedback (if language is 'English')

remarksAr	String	1023	Remarks entered while providing feedback (if language is 'Arabic')
-----------	--------	------	--------------------------------------------------------------------

2.3.4 Sample Response

Note: The below sample illustrates the Body message

```
<happinessInqByDeskPointResponse
xmlns="https://api.qa.dubai.gov.ae/secure/dsg/happiness/1.0.0/inquiry">
  <vote>
    <serviceCenterName></serviceCenterName>
    <serviceCounterName></serviceCounterName>
    <type>SERVICE_DESK_POINT</type>
    <result>-1</result>
    <notes></notes>
    <createdDate>2013-01-01T00:26:13.000+04:00</createdDate>
  </vote>
  <vote>
    <serviceCenterName></serviceCenterName>
    <serviceCounterName></serviceCounterName>
    <type>SERVICE_DESK_POINT</type>
    <result>-1</result>
    <notes></notes>
    <createdDate>2013-01-01T00:27:43.000+04:00</createdDate>
    <mobileNo>+971556634332</mobileNo>
    <remarksEn xsi:nil="true"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
    <remarksAr>Message 4</remarksAr>
  </vote>
</happinessInqByDeskPointResponse>
```

2.4 getVotesByTransaction

This operation is used to fetch the list of all the Happiness Index votes for the transaction based search parameters

2.4.1 Input Parameters

Tag Name	Type	Length	Description
getVotesByTransaction	Object	N/A	Wrap Request Information
transactionId	String	50	String represents the Transaction ID used for creating the vote

serviceCode	String	50	String represents the Service Code in case the service is registered and enabled in GESS system.
Channel	String	25	String represents the channel of the transaction. For e.g. WEB
result	Integer	1	Integer represents the vote based on user's satisfaction level. Possible values are -1,0,1
date	Date	N/A	Represents the search filter based on date to inquire the votes on a particular date. Format : DD/MM/YYYY
fromDate	Date Time	N/A	Represents the search filter based on date time to inquire the votes in a particular date time range. This parameter should be used along with the parameter "toDate". Format : DD/MM/YYYY HH:MM:SS
toDate	Date Time	N/A	Represents the search filter based on date time to inquire the votes in a particular date time range. This parameter should be used along with the parameter "fromDate". Format : DD/MM/YYYY HH:MM:SS

2.4.2 Sample Request

```

<soapenv:Envelope
xmlns:inq="https://api.qa.dubai.gov.ae/secure/dsg/happiness/1.0.0/inquiry"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header>
    <wsse:Security soapenv:mustUnderstand="1"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
      <wsu:Timestamp wsu:Id="TS-0505A901049D2BB1E914258871454568">
        <wsu:Created>2015-03-09T07:45:45.456Z</wsu:Created>
        <wsu:Expires>2015-03-09T09:25:45.456Z</wsu:Expires>
      </wsu:Timestamp>
      <wsse:UsernameToken wsu:Id="UsernameToken-
0505A901049D2BB1E914258871418647">
        <wsse:Username>Username</wsse:Username>
    </wsse:Security>
  </soapenv:Header>
</soapenv:Envelope>

```

```

<wsse:Password Type="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-username-token-profile-
1.0#PasswordText">XXXXX</wsse:Password>
  <wsu:Created>2015-03-09T07:45:41.864Z</wsu:Created>
</wsse:UsernameToken>
</wsse:Security>
</soapenv:Header>
<soapenv:Body>
  <inq:getVotesByTransaction>
    <inq:transactionId>ZEYWMptWsIomNYqMhB</inq:transactionId>
    <inq:serviceCode/>
    <inq:channel/>
    <inq:result/>
    <inq:date/>
    <inq:fromDate/>
    <inq:toDate/>
  </inq:getVotesByTransaction>
</soapenv:Body>
</soapenv:Envelope>

```

2.4.3 Output Parameters

Output from the WebService call to this operation returns XML data. The details of the XML are as follows:

Tag Name	Type	Length	Description
happinessInqByTrxResponse	Object	N/A	Wraps all returned Entities information
Vote	Array of Vote Object	N/A	Represent the array if vote objects
transactionId	String	50	String represents the Transaction ID used for creating the Vote
gessEnabled	Boolean	N/A	Return true or false based on the enablement of Service in GESS System
serviceCode	String	N/A	String represents the Service Code of the Service in case it is registered and enable in GESS System.
serviceDescription	String	N/A	String represents the Service Description of the Service in case it is registered and enable in GESS System.

channel	String	25	String represents the channel of the transaction. For e.g. WEB
userSource	String	25	String represents the source of the end user. For e.g. MYID, LOCAL etc.
emiratesId	String	25	String represents the Emirates ID of the end user
userName	String	N/A	String represents the user name.
userEmail	String	N/A	String represents the user email ID.
userMobile	Integer	N/A	String represents the user mobile number.
Type	String	50	Represents the type of Vote
result	Integer	1	Integer lookup representing the happiness indicator. Possible values are -1,0,1
notes	String	N/A	String represents ant additional comments or notes
createdDate	Date Time	N/A	Date of creation of Vote in UTC format
beatId	Integer	N/A	Unique identifier for the beat. (BeatId would be used to query the questions/answers associated with this beat)
mobileNo	String	25	Mobile number entered while providing feedback
remarksEn	String	1023	Remarks entered while providing feedback (if language is 'English')
remarksAr	String	1023	Remarks entered while providing feedback (if language is 'Arabic')

2.4.4 Sample Response

Note: The below sample illustrates the Body message

```
<happinessInqByTrxResponse
xmlns="https://api.qa.dubai.gov.ae/secure/dsg/happiness/1.0.0/inquiry">
  <vote>
```

```

<type>TRANSACTION</type>
<transactionId>12345</transactionId>
<gessEnabled>>false</gessEnabled>
<serviceCode></serviceCode>
<serviceDescription>demo transaction</serviceDescription>
<channel>WEB</channel>
<userSource>ANONYMOUS</userSource>
<emiratesId></emiratesId>
<userName></userName>
<userEmail></userEmail>
<userMobile></userMobile>
<result>0</result>
<notes></notes>
<createdDate>22/01/2015 10:33:42</createdDate>
<mobileNo>+971556634332</mobileNo>
<remarksEn xsi:nil="true"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
<remarksAr>Message 4</remarksAr>
</vote>
<vote>
  <type>TRANSACTION</type>
  <transactionId>12345</transactionId>
  <gessEnabled>>false</gessEnabled>
  <serviceCode></serviceCode>
  <serviceDescription>demo transaction</serviceDescription>
  <channel>WEB</channel>
  <userSource>ANONYMOUS</userSource>
  <emiratesId></emiratesId>
  <userName></userName>
  <userEmail></userEmail>
  <userMobile></userMobile>
  <result>0</result>
  <notes></notes>
  <createdDate>22/01/2015 11:12:20</createdDate>
  <mobileNo>+971556634332</mobileNo>
  <remarksEn xsi:nil="true"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
  <remarksAr>Message 4</remarksAr>
</vote>
</happinessInqByTrxResponse>

```

2.5 getVotesByUser

This operation is used to fetch the list of all the Happiness Index votes for the user information based search parameters

2.5.1 Input Parameters

Tag Name	Type	Length	Description
getVotesByUser	Objects	N/A	Wrap Request Information
userSource	String	25	String represents the source of the end user. For e.g. MYID, LOCAL etc.

emiratesId	String	25	String represents the Emirates ID of the end user
userName	String	N/A	String represents the user name.
userEmail	String	N/A	String represents the user email ID.
userMobile	Integer	N/A	String represents the user mobile number.
result	Integer	1	Integer lookup representing the happiness indicator. Possible values are -1,0,1
Date	Date	N/A	Represents the search filter based on date to inquire the votes on a particular date. Format : DD/MM/YYYY
fromDate	Date Time	N/A	Represents the search filter based on date time to inquire the votes in a particular date time range. This parameter should be used along with the parameter "toDate". Format : DD/MM/YYYY HH:MM:SS
toDate	Date Time	N/A	Represents the search filter based on date time to inquire the votes in a particular date time range. This parameter should be used along with the parameter "fromDate". Format : DD/MM/YYYY HH:MM:SS

2.5.2 Sample Request

```
<soapenv:Envelope
xmlns:inq="https://api.qa.dubai.gov.ae/secure/dsg/happiness/1.0.0/inquiry"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header>
    <wsse:Security soapenv:mustUnderstand="1"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
      <wsu:Timestamp wsu:Id="TS-0505A901049D2BB1E914258870510456">
        <wsu:Created>2015-03-09T07:44:11.044Z</wsu:Created>
        <wsu:Expires>2015-03-09T09:24:11.044Z</wsu:Expires>
      </wsu:Timestamp>
      <wsse:UsernameToken wsu:Id="UsernameToken-
0505A901049D2BB1E914258870437295">
```

```

        <wsse:Username>Username</wsse:Username>
        <wsse:Password Type="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-username-token-profile-
1.0#PasswordText">XXXXXX</wsse:Password>
        <wsu:Created>2015-03-09T07:44:03.729Z</wsu:Created>
        </wsse:UsernameToken>
    </wsse:Security>
</soapenv:Header>
<soapenv:Body>
    <inq:getVotesByUser>
        <inq:userSource/>
        <inq:emiratesId/>
        <inq:userName>842559</inq:userName>
        <inq:userEmail/>
        <inq:userMobile/>
        <inq:result/>
        <inq:date/>
        <inq:fromDate/>
        <inq:toDate/>
    </inq:getVotesByUser>
</soapenv:Body>
</soapenv:Envelope>

```

2.5.3 Output Parameters

Output from the Webservice call to this operation returns XML data. The details of the XML are as follows:

Tag Name	Type	Length	Description
happinessInqByUserResponse	Objects	N/A	Wraps all returned Entities information
vote	Array of Vote Object	N/A	Represent the array if vote objects
type	String	50	Represents the type of Vote
transactionId	String	50	String represents the Transaction ID used for creating the Vote
gessEnabled	Boolean	N/A	Return true or false based on the enablement of Service in GESS System
serviceCode	String	N/A	String represents the Service Code of the Service in case it is registered and enable in GESS System.
serviceDescription	String	N/A	String represents the Service Description of the Service in case it is

			registered and enable in GESS System.
channel	String	25	String represents the channel of the transaction. For e.g. WEB
applicationId	String	50	String represents the the application ID
applicationType	String	25	String represents the type of Application based on lookup values e.g. SMARTAPP, WEBAPP, DESKTOP etc.
applicationPlatform	String	50	String represents the platform of Application based on lookup values e.g. BLACKBERRY, WINDOWS, ANDROID etc.
applicationUrl	String	N/A	String representing the URL of the Application
applicationVersion	String	N/A	Version of the application (If any)
userSource	String	25	String represents the source of the end user. For e.g. MYID, LOCAL etc.
emiratesId	String	25	String represents the Emirates ID of the end user
userName	String	N/A	String represents the user name.
userEmail	String	N/A	String represents the user email ID.
userMobile	Integer	N/A	String represents the user mobile number.
result	Integer	1	Integer lookup representing the happiness indicator. Possible values are -1,0,1
notes	String	N/A	String represents ant additional comments or notes
createdDate	Date Tiime	N/A	Date of creation of Vote in UTC format
beatId	Integer	N/A	Unique identifier for the beat. (BeatId would be used to query the questions/answers associated with this beat, in the

			getQuesAnswersByBeatId operation)
mobileNo	String	25	Mobile number entered while providing feedback
remarksEn	String	1023	Remarks entered while providing feedback (if language is 'English')
remarksAr	String	1023	Remarks entered while providing feedback (if language is 'Arabic')

2.5.4 Sample Response

```

<happinessInqByUserResponse
xmlns="https://api.qa.dubai.gov.ae/secure/dsg/happiness/1.0.0/inquiry">
  <vote>
    <type>TRANSACTION</type>
    <transactionId>ZEYWMptWsIomNYqMhB</transactionId>
    <gessEnabled></gessEnabled>
    <serviceCode></serviceCode>
    <serviceDescription></serviceDescription>
    <channel></channel>
    <applicationId>12345</applicationId>
    <applicationType>DESKTOP</applicationType>
    <applicationPlatform>OTHERS</applicationPlatform>
    <applicationUrl>http://mpay.qa.dubai.ae</applicationUrl>
    <applicationVersion></applicationVersion>
    <userSource>LOCAL</userSource>
    <emiratesId></emiratesId>
    <userName>842559</userName>
    <userEmail>842559@email.com</userEmail>
    <userMobile></userMobile>
    <result>1</result>
    <notes></notes>
    <createdDate>10/04/2013 07:41:50</createdDate>
    <mobileNo>+971556634332</mobileNo>
    <remarksEn xsi:nil="true"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
    <remarksAr>Message 4</remarksAr>
  </vote>
</happinessInqByUserResponse>

```

2.6 getAllBeatsByPaging

This operation is used to fetch the all the Happiness Index votes for the department based on search parameters

2.6.1 Input Parameters

Tag Name	Type	Length	Description
getAllBeatsByPaging	Objects	N/A	Wrap Request Information
result	Integer	1	Integer lookup representing the happiness indicator. Possible values are -1,0,1
date	Date	N/A	Represents the search filter based on date to inquire the votes on a particular date. Format : DD/MM/YYYY
fromDate	Date Time	N/A	Represents the search filter based on date time to inquire the votes in a particular date time range. This parameter should be used along with the parameter "toDate". Format : DD/MM/YYYY HH:MM:SS
toDate	Date Time	N/A	Represents the search filter based on date time to inquire the votes in a particular date time range. This parameter should be used along with the parameter "fromDate". Format : DD/MM/YYYY HH:MM:SS
pageNum	Integer	N/A	Represents the page number. (While requesting the paginated response, the pageNum parameter would take values 1,2,3,4 and so on subsequent invocations).
rowSize	Integer	N/A	Represents the desired size (number of rows) in the response returned for each invocation. The value of 'rowSize' should be unchanged during multiple invocations for the same request. Example: If rowSize is 500 and a total of 1354 votes satisfy the search parameters:

			<ul style="list-style-type: none"> • 500 votes would be returned for the first paginated response (pageNum = 1), • 500 votes would be returned for the second paginated response (pageNum = 2). • 354 records would be returned for the 3rd paginated response (pageNum =3)
--	--	--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

2.6.2 Sample Request

```

<soapenv:Envelope
xmlns:inq="https://api.qa.dubai.gov.ae/secure/dsg/happiness/1.0.0/inquiry" xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header>
    <wsse:Security soapenv:mustUnderstand="1"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
      <wsu:Timestamp wsu:Id="TS-0505A901049D2BB1E914258870510456">
        <wsu:Created>2015-03-09T07:44:11.044Z</wsu:Created>
        <wsu:Expires>2015-03-09T09:24:11.044Z</wsu:Expires>
      </wsu:Timestamp>
      <wsse:UsernameToken wsu:Id="UsernameToken-
0505A901049D2BB1E914258870437295">
        <wsse:Username>Username</wsse:Username>
        <wsse:Password Type="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-username-token-profile-
1.0#PasswordText">XXXXXX</wsse:Password>
        <wsu:Created>2015-03-09T07:44:03.729Z</wsu:Created>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <inq:getAllBeatsByPagination>
      <inq:result/>
      <inq:date>13/02/2017</inq:date>
      <inq:fromDate/>
      <inq:toDate/>
      <inq:pageNum>1</inq:pageNum>
      <inq:rowSize>1000</inq:rowSize>
    </inq:getAllBeatsByPagination>
  </soapenv:Body>
</soapenv:Envelope>

```

2.6.3 Output Parameters

Output from the Webservice call to this operation returns XML data. The details of the XML are as follows:

Tag Name	Type	Length	Description
happinessAllBeatsResponse	Objects	N/A	Wraps all returned Entities information
vote	Array of Vote Object	N/A	Represent the array if vote objects
type	String	50	Represents the type of Vote
transactionId	String	50	String represents the Transaction ID used for creating the Vote
serviceCode	String	N/A	String represents the Service Code of the Service in case it is registered and enable in GESS System.
serviceDescription	String	N/A	String represents the Service Description of the Service in case it is registered and enable in GESS System.
applicationId	String	50	String represents the the application ID
applicationType	String	25	String represents the type of Application based on lookup values e.g. SMARTAPP, WEBAPP, DESKTOP etc.
result	Integer	1	Integer lookup representing the happiness indicator. Possible values are -1,0,1
createdDate	Date Time	N/A	Date of creation of Vote in UTC format
beatId	Integer	N/A	Unique identifier for the beat. (BeatId would be used to query the questions/answers associated with this beat, in the getQuesAnswersByBeatId operation)
totalRecords	Integer	N/A	The total number of records (votes) which would be returned by this operation, after calling all the subsequent invocations. Note that this figure is indicative and may show variations, especially for the current day. For calculation purposes,

			it's recommended to use the 'getBeatSummary' operation to get the best estimate.
rowNum	Integer	N/A	The sequence number of the row in the overall consolidated response across subsequent paginated responses.

2.6.4 Sample Response

```

<happinessAllBeatsResponse
xmlns="https://api.qa.dubai.gov.ae/secure/dsg/happiness/1.0.0/inquiry"
>
  <vote>
    <beatId>2964392</beatId>
    <type>APPLICATION</type>
    <serviceCenterName></serviceCenterName>
    <serviceCounterName></serviceCounterName>
    <applicationId>RTAApplicationXYZ</applicationId>
    <applicationType>SMARTAPP</applicationType>
    <transactionId></transactionId>
    <serviceCode></serviceCode>
    <result>1</result>
    <createdDate>2017-02-13T16:36:52</createdDate>
    <totalRecords>83</totalRecords>
    <rowNum>1</rowNum>
  </vote>
  <vote>
    <beatId>2964313</beatId>
    <type>APPLICATION</type>
    <serviceCenterName></serviceCenterName>
    <serviceCounterName></serviceCounterName>
    <applicationId>RTAP</applicationId>
    <applicationType>WEBAPP</applicationType>
    <transactionId></transactionId>
    <serviceCode></serviceCode>
    <result>-1</result>
    <createdDate>2017-02-13T08:57:55</createdDate>
    <totalRecords>83</totalRecords>
    <rowNum>2</rowNum>
  </vote>
</happinessAllBeatsResponse>

```

2.7 getBeatSummary

This operation is used to fetch the summary of the votes for the department based on search parameters.

This operation returns the following statistics:

- Number of Application Votes which satisfy the search parameters.
- Number of Transaction Votes which satisfy the search parameters.
- Number of Service Desk Point Votes which satisfy the search parameters.
- Grant total of all the above votes.

2.7.1 Input Parameters

Tag Name	Type	Length	Description
getBeatSummary	Objects	N/A	Wrap Request Information
result	Integer	1	Integer lookup representing the happiness indicator. Possible values are -1,0,1
date	Date	N/A	Represents the search filter based on date to inquire the votes on a particular date. Format : DD/MM/YYYY
fromDate	Date Time	N/A	Represents the search filter based on date time to inquire the votes in a particular date time range. This parameter should be used along with the parameter "toDate". Format : DD/MM/YYYY HH:MM:SS
toDate	Date Time	N/A	Represents the search filter based on date time to inquire the votes in a particular date time range. This parameter should be used along with the parameter "fromDate". Format : DD/MM/YYYY HH:MM:SS

2.7.2 Sample Request

```

<soapenv:Envelope
xmlns:inq="https://api.qa.dubai.gov.ae/secure/dsg/happiness/1.0.0/inquiry" xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header>
    <wsse:Security soapenv:mustUnderstand="1"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
      <wsu:Timestamp wsu:Id="TS-0505A901049D2BB1E914258870510456">
        <wsu:Created>2015-03-09T07:44:11.044Z</wsu:Created>
        <wsu:Expires>2015-03-09T09:24:11.044Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
  </soapenv:Header>
</soapenv:Envelope>

```

```

<wsse:UsernameToken wsu:Id="UsernameToken-
0505A901049D2BB1E914258870437295">
  <wsse:Username>Username</wsse:Username>
  <wsse:Password Type="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-username-token-profile-
1.0#PasswordText">XXXXXX</wsse:Password>
  <wsu:Created>2015-03-09T07:44:03.729Z</wsu:Created>
</wsse:UsernameToken>
</wsse:Security>
</soapenv:Header>
<soapenv:Body>
  <inq:getBeatSummary>
    <inq:result/>
    <inq:date/>
    <inq:fromDate>13/02/2017 00:00:01</inq:fromDate>
    <inq:toDate>13/02/2017 23:59:59</inq:toDate>
  </inq:getBeatSummary>
</soapenv:Body>
</soapenv:Envelope>

```

2.7.3 Output Parameters

Output from the Webservice call to this operation returns XML data. The details of the XML are as follows:

Tag Name	Type	Length	Description
happinessBeatSummaryResponse	Objects	N/A	Wraps all returned Entities information
vote	Array of Vote Object	N/A	Represent the array of vote summary for each of the types of votes. Possible values are: 1) APPLICATION 2) TRANSACTION 3) SERVICE_DESK_POINT 4) GRAND_TOTAL (rollup column containing the sum total of all the votes)
type	String	50	Represents the type of Vote
totalBeats	Integer	N/A	Total number of votes for this category.

2.7.4 Sample Response




```
<happinessBeatSummaryResponse
xmlns="https://api.ga.dubai.gov.ae/secure/dsg/happiness/1.0.0/inquiry"
>
  <vote>
    <type>APPLICATION</type>
    <totalBeats>49</totalBeats>
  </vote>
  <vote>
    <type>TRANSACTION</type>
    <totalBeats>13</totalBeats>
  </vote>
  <vote>
    <type>SERVICE_DESK_POINT</type>
    <totalBeats>35</totalBeats>
  </vote>
  <vote>
    <type>GRAND_TOTAL</type>
    <totalBeats>97</totalBeats>
  </vote>
</happinessBeatSummaryResponse>
```

2.8 getQuesAnswersByBeatId

Note: This operation would use the ‘HappinessQuestionsInquiry’ service. Please refer to the section 3 ‘Access Information’ for the URL.

This operation is used to fetch all the questions / answers associated with a beat identified by the ‘beat id’ passed as input.

2.8.1 Input Parameters

Tag Name	Type	Length	Description
beatId	Integer	10	The unique identifier for a beat (vote). For getting the beatId, please use one of the operations in the previous sections: <ul style="list-style-type: none"> getVotesByApplication getVotesByServiceDeskpoint getVotesByTransaction getVotesByUser

2.8.2 Sample Request



```

<soapenv:Envelope
xmlns:inq="https://api.qa.dubai.gov.ae/secure/dsg/happiness/1.0.0/inquiry"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header>
    <wsse:Security soapenv:mustUnderstand="1"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
      <wsu:Timestamp wsu:Id="TS-0505A901049D2BB1E914258870510456">
        <wsu:Created>2015-03-09T07:44:11.044Z</wsu:Created>
        <wsu:Expires>2015-03-09T09:24:11.044Z</wsu:Expires>
      </wsu:Timestamp>
      <wsse:UsernameToken wsu:Id="UsernameToken-
0505A901049D2BB1E914258870437295">
        <wsse:Username>Username</wsse:Username>
        <wsse:Password Type="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-username-token-profile-
1.0#PasswordText">XXXXXX</wsse:Password>
        <wsu:Created>2015-03-09T07:44:03.729Z</wsu:Created>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <ques:getQuesAnswersByBeatId>
      <ques:beatId>2949613</ques:beatId>
    </ques:getQuesAnswersByBeatId>
  </soapenv:Body>
</soapenv:Envelope>

```

2.8.3 Output Parameters

Output from the Webservice call to this operation returns XML data. The details of the XML are as follows:

Tag Name	Type	Length	Description
quesAnswersByBeatIdResponse	Objects	N/A	Wraps all returned Entities information
vote	Array of Vote Object	N/A	Represent the array if vote objects
nameEN	String	N/A	Name of the question item in English
nameAR	String	N/A	Name of the question item in Arabic
selectedAnswer	String	N/A	Answer selected by the user

2.8.4 Sample Response

```

<quesAnswersByBeatIdResponse
xmlns="https://api.qa.dubai.gov.ae/secure/dsg/happiness/1.0.0/quesinquiry">
  <vote>
    <nameEN>Front desk staff service</nameEN>
    <nameAR>تجربتك مع موظف الخدمة</nameAR>
    <selectedAnswer>UNHAPPY</selectedAnswer>
  </vote>
  <vote>
    <nameEN>Speed and accuracy of service</nameEN>
    <nameAR>سرعة ودقة تقديم الخدمة</nameAR>
    <selectedAnswer>NEUTRAL</selectedAnswer>
  </vote>
  <vote>
    <nameEN>Service center environment</nameEN>
    <nameAR>بيئة مركز الخدمة</nameAR>
    <selectedAnswer xsi:nil="true"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
  </vote>
</quesAnswersByBeatIdResponse>

```

3 Access Information

3.1 QA Environment

3.1.1 URL

Inquiry Endpoint URL	https://api.qa.dubai.gov.ae/services/HappinessBeatInquirySOAPV4
Inquiry WSDL URL	https://api.qa.dubai.gov.ae/services/HappinessBeatInquirySOAPV4?wsdl
Questions Endpoint URL	https://api.qa.dubai.gov.ae/services/HappinessQuestionsInquiry
Questions WSDL URL	https://api.qa.dubai.gov.ae/services/HappinessQuestionsInquiry?wsdl

3.1.2 Certificate



QA_Certificate.cer

3.1.3 Server IP

Public IP: 213.42.56.51

3.1.4 Port

Port: 443

3.2 Production Environment

3.2.1 URL

Inquiry Endpoint URL	https://api.dubai.gov.ae/services/HappinessBeatInquirySOAPV4
Inquiry WSDL URL	https://api.dubai.gov.ae/services/HappinessBeatInquirySOAPV4?wsdl
Questions Endpoint URL	https://api.dubai.gov.ae/services/HappinessQuestionsInquiry
Questions WSDL URL	https://api.dubai.gov.ae/services/HappinessQuestionsInquiry?wsdl

3.2.2 Certificate



PROD_Certificate.cer

3.2.3 Server IP

Public IP: 213.42.48.30

3.2.4 Port

Port : 443

4 Security Requirements

Government entities which intended to use this WebService must fulfill the following security requirements:

4.1 SSL communication through HTTPS

Communication to this WebService is only allowed through HTTPS.

4.2 WS-Security Username and Password:

Clients must support WS-Security by sending authentication information along with each request to this WebService (i.e. username and password).

For a sample request with authentication information please see the following attached file.



sampleAuthenticatio
nRequest.xml

5 Assumptions

DSG will be responsible for the following:

- Providing technical specification guides “this document”.
- Providing authentication information “Upon Request”.
- Providing Technical Assistance during the integration.
- Ensure the availability of the WebService.

DEG shall **NOT** be responsible for the following:

- Doing any development activities (i.e. implementers will be responsible of developing their clients for the WebService).

6 Appendices

6.1.1 Appendix A: WSDL file.

Below is the WSDL file that should be used as a reference to generate clients



HappinessBeatInquirySOAPV4.wsdl

```

<wsdl:definitions xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
xmlns:ns1="http://ws.wso2.org/dataservice"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"
xmlns:http="http://schemas.xmlsoap.org/wsdl/http/"
xmlns:ns0="https://api.ga.dubai.gov.ae/secure/dsg/happiness/1.0.0/inquiry" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:mime="http://schemas.xmlsoap.org/wsdl/mime/"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/"
targetNamespace="https://api.ga.dubai.gov.ae/secure/dsg/happiness/1.0.0/inquiry">
  <wsp:Policy xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd" wsu:Id="UTOverTransport">
    <wsp:ExactlyOne>
      <wsp>All>
        <sp:TransportBinding
xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
          <wsp:Policy>
            <sp:TransportToken>
              <wsp:Policy>
                <sp:HttpsToken RequireClientCertificate="false"/>
              </wsp:Policy>
            </sp:TransportToken>
            <sp:AlgorithmSuite>
              <wsp:Policy>
                <sp:Basic256/>
              </wsp:Policy>
            </sp:AlgorithmSuite>
            <sp:Layout>
              <wsp:Policy>
                <sp:Lax/>
              </wsp:Policy>
            </sp:Layout>
            <sp:IncludeTimestamp/>
          </wsp:Policy>
        </sp:TransportBinding>
        <sp:SignedSupportingTokens
xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
          <wsp:Policy>
            <sp:UsernameToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/
IncludeToken/AlwaysToRecipient"/>
          </wsp:Policy>
        </sp:SignedSupportingTokens>
      </wsp>All>
    </wsp:ExactlyOne>
  </wsp:Policy>

```

```

</wsp:Policy>
</sp:SignedSupportingTokens>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsdl:types>
<xs:schema attributeFormDefault="unqualified"
elementFormDefault="qualified"
targetNamespace="https://api.qa.dubai.gov.ae/secure/dsg/happiness/1.0.0/inquiry">
<xs:element name="getAllBeatsByPagination">
<xs:complexType>
<xs:sequence>
<xs:element name="result" nillable="true" type="xs:string"/>
<xs:element name="date" nillable="true" type="xs:string"/>
<xs:element name="fromDate" nillable="true" type="xs:string"/>
<xs:element name="toDate" nillable="true" type="xs:string"/>
<xs:element name="pageNum" nillable="true" type="xs:string"/>
<xs:element name="rowSize" nillable="true" type="xs:string"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="happinessAllBeatsResponse"
type="ns0:happinessAllBeatsResponse"/>
<xs:complexType name="happinessAllBeatsResponse">
<xs:sequence>
<xs:element maxOccurs="unbounded" minOccurs="0" name="vote"
type="ns0:vote"/>
</xs:sequence>
</xs:complexType>
<xs:complexType name="vote">
<xs:sequence>
<xs:element name="beatId" nillable="true" type="xs:decimal"/>
<xs:element name="type" nillable="true" type="xs:string"/>
<xs:element name="serviceCenterName" nillable="true"
type="xs:string"/>
<xs:element name="serviceCounterName" nillable="true"
type="xs:string"/>
<xs:element name="applicationId" nillable="true" type="xs:string"/>
<xs:element name="applicationType" nillable="true" type="xs:string"/>
<xs:element name="transactionId" nillable="true" type="xs:string"/>
<xs:element name="serviceCode" nillable="true" type="xs:string"/>
<xs:element name="result" nillable="true" type="xs:decimal"/>
<xs:element name="createdDate" nillable="true" type="xs:dateTime"/>
<xs:element name="totalRecords" nillable="true" type="xs:string"/>
<xs:element name="rowNum" nillable="true" type="xs:decimal"/>
</xs:sequence>
</xs:complexType>
<xs:element name="getVotesByServiceDeskpoint">
<xs:complexType>
<xs:sequence>
<xs:element name="serviceCenterName" nillable="true"
type="xs:string"/>
<xs:element name="serviceCounterName" nillable="true"
type="xs:string"/>
<xs:element name="date" nillable="true" type="xs:string"/>
<xs:element name="fromDate" nillable="true" type="xs:string"/>

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<xs:element name="toDate" nillable="true" type="xs:string"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="happinessInqByDeskPointResponse"
type="ns0:happinessInqByDeskPointResponse"/>
<xs:complexType name="happinessInqByDeskPointResponse">
<xs:sequence>
<xs:element maxOccurs="unbounded" minOccurs="0" name="vote"
type="ns0:vote2"/>
</xs:sequence>
</xs:complexType>
<xs:complexType name="vote2">
<xs:sequence>
<xs:element name="beatId" nillable="true" type="xs:decimal"/>
<xs:element name="serviceCenterName" nillable="true"
type="xs:string"/>
<xs:element name="serviceCounterName" nillable="true"
type="xs:string"/>
<xs:element name="type" nillable="true" type="xs:string"/>
<xs:element name="result" nillable="true" type="xs:decimal"/>
<xs:element name="notes" nillable="true" type="xs:string"/>
<xs:element name="createdDate" nillable="true" type="xs:dateTime"/>
<xs:element name="mobileNo" nillable="true" type="xs:string"/>
<xs:element name="remarksEn" nillable="true" type="xs:string"/>
<xs:element name="remarksAr" nillable="true" type="xs:string"/>
</xs:sequence>
</xs:complexType>
<xs:element name="getEmployeeVotesByServiceDeskpoint">
<xs:complexType>
<xs:sequence>
<xs:element name="serviceCenterName" nillable="true"
type="xs:string"/>
<xs:element name="serviceCounterName" nillable="true"
type="xs:string"/>
<xs:element name="date" nillable="true" type="xs:string"/>
<xs:element name="fromDate" nillable="true" type="xs:string"/>
<xs:element name="toDate" nillable="true" type="xs:string"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="happinessInqByEmpDeskPointResponse"
type="ns0:happinessInqByEmpDeskPointResponse"/>
<xs:complexType name="happinessInqByEmpDeskPointResponse">
<xs:sequence>
<xs:element maxOccurs="unbounded" minOccurs="0" name="vote"
type="ns0:vote3"/>
</xs:sequence>
</xs:complexType>
<xs:complexType name="vote3">
<xs:sequence>
<xs:element name="beatId" nillable="true" type="xs:decimal"/>
<xs:element name="serviceCenterName" nillable="true"
type="xs:string"/>
<xs:element name="serviceCounterName" nillable="true"
type="xs:string"/>
<xs:element name="type" nillable="true" type="xs:string"/>

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<xs:element name="result" nillable="true" type="xs:decimal"/>
<xs:element name="notes" nillable="true" type="xs:string"/>
<xs:element name="createdDate" nillable="true" type="xs:dateTime"/>
<xs:element name="mobileNo" nillable="true" type="xs:string"/>
<xs:element name="remarksEn" nillable="true" type="xs:string"/>
<xs:element name="remarksAr" nillable="true" type="xs:string"/>
</xs:sequence>
</xs:complexType>
<xs:element name="getVotesByUser">
<xs:complexType>
<xs:sequence>
<xs:element name="userSource" nillable="true" type="xs:string"/>
<xs:element name="emiratesId" nillable="true" type="xs:string"/>
<xs:element name="userName" nillable="true" type="xs:string"/>
<xs:element name="userEmail" nillable="true" type="xs:string"/>
<xs:element name="userMobile" nillable="true" type="xs:string"/>
<xs:element name="result" nillable="true" type="xs:string"/>
<xs:element name="date" nillable="true" type="xs:string"/>
<xs:element name="fromDate" nillable="true" type="xs:string"/>
<xs:element name="toDate" nillable="true" type="xs:string"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="happinessInqByUserResponse"
type="ns0:happinessInqByUserResponse"/>
<xs:complexType name="happinessInqByUserResponse">
<xs:sequence>
<xs:element maxOccurs="unbounded" minOccurs="0" name="vote"
type="ns0:vote4"/>
</xs:sequence>
</xs:complexType>
<xs:complexType name="vote4">
<xs:sequence>
<xs:element name="beatId" nillable="true" type="xs:decimal"/>
<xs:element name="type" nillable="true" type="xs:string"/>
<xs:element name="transactionId" nillable="true" type="xs:string"/>
<xs:element name="gessEnabled" nillable="true" type="xs:string"/>
<xs:element name="serviceCode" nillable="true" type="xs:string"/>
<xs:element name="serviceDescription" nillable="true"
type="xs:string"/>
<xs:element name="channel" nillable="true" type="xs:string"/>
<xs:element name="applicationId" nillable="true" type="xs:string"/>
<xs:element name="applicationType" nillable="true" type="xs:string"/>
<xs:element name="applicationPlatform" nillable="true"
type="xs:string"/>
<xs:element name="applicationUrl" nillable="true" type="xs:string"/>
<xs:element name="applicationVersion" nillable="true"
type="xs:string"/>
<xs:element name="userSource" nillable="true" type="xs:string"/>
<xs:element name="emiratesId" nillable="true" type="xs:string"/>
<xs:element name="userName" nillable="true" type="xs:string"/>
<xs:element name="userEmail" nillable="true" type="xs:string"/>
<xs:element name="userMobile" nillable="true" type="xs:string"/>
<xs:element name="result" nillable="true" type="xs:decimal"/>
<xs:element name="notes" nillable="true" type="xs:string"/>
<xs:element name="createdDate" nillable="true" type="xs:dateTime"/>
<xs:element name="mobileNo" nillable="true" type="xs:string"/>

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<xs:element name="remarksEn" nillable="true" type="xs:string"/>
<xs:element name="remarksAr" nillable="true" type="xs:string"/>
</xs:sequence>
</xs:complexType>
<xs:element name="getVotesByApplication">
<xs:complexType>
<xs:sequence>
<xs:element name="applicationId" nillable="true" type="xs:string"/>
<xs:element name="applicationType" nillable="true" type="xs:string"/>
<xs:element name="applicationPlatform" nillable="true"
type="xs:string"/>
<xs:element name="result" nillable="true" type="xs:string"/>
<xs:element name="date" nillable="true" type="xs:string"/>
<xs:element name="fromDate" nillable="true" type="xs:string"/>
<xs:element name="toDate" nillable="true" type="xs:string"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="happinessInqByAppResponse"
type="ns0:happinessInqByAppResponse"/>
<xs:complexType name="happinessInqByAppResponse">
<xs:sequence>
<xs:element maxOccurs="unbounded" minOccurs="0" name="vote"
type="ns0:vote5"/>
</xs:sequence>
</xs:complexType>
<xs:complexType name="vote5">
<xs:sequence>
<xs:element name="beatId" nillable="true" type="xs:decimal"/>
<xs:element name="type" nillable="true" type="xs:string"/>
<xs:element name="applicationId" nillable="true" type="xs:string"/>
<xs:element name="applicationType" nillable="true" type="xs:string"/>
<xs:element name="applicationPlatform" nillable="true"
type="xs:string"/>
<xs:element name="applicationUrl" nillable="true" type="xs:string"/>
<xs:element name="applicationVersion" nillable="true"
type="xs:string"/>
<xs:element name="userSource" nillable="true" type="xs:string"/>
<xs:element name="emiratesId" nillable="true" type="xs:string"/>
<xs:element name="userName" nillable="true" type="xs:string"/>
<xs:element name="userEmail" nillable="true" type="xs:string"/>
<xs:element name="userMobile" nillable="true" type="xs:string"/>
<xs:element name="result" nillable="true" type="xs:decimal"/>
<xs:element name="notes" nillable="true" type="xs:string"/>
<xs:element name="createdDate" nillable="true" type="xs:dateTime"/>
<xs:element name="mobileNo" nillable="true" type="xs:string"/>
<xs:element name="remarksEn" nillable="true" type="xs:string"/>
<xs:element name="remarksAr" nillable="true" type="xs:string"/>
</xs:sequence>
</xs:complexType>
<xs:element name="getBeatSummary">
<xs:complexType>
<xs:sequence>
<xs:element name="result" nillable="true" type="xs:string"/>
<xs:element name="date" nillable="true" type="xs:string"/>
<xs:element name="fromDate" nillable="true" type="xs:string"/>
<xs:element name="toDate" nillable="true" type="xs:string"/>

```

```

</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="happinessBeatSummaryResponse"
type="ns0:happinessBeatSummaryResponse"/>
<xs:complexType name="happinessBeatSummaryResponse">
<xs:sequence>
<xs:element maxOccurs="unbounded" minOccurs="0" name="vote"
type="ns0:vote6"/>
</xs:sequence>
</xs:complexType>
<xs:complexType name="vote6">
<xs:sequence>
<xs:element name="type" nillable="true" type="xs:string"/>
<xs:element name="totalBeats" nillable="true" type="xs:string"/>
<xs:element name="grandTotal" nillable="true" type="xs:string"/>
</xs:sequence>
</xs:complexType>
<xs:element name="getVotesByTransaction">
<xs:complexType>
<xs:sequence>
<xs:element name="transactionId" nillable="true" type="xs:string"/>
<xs:element name="serviceCode" nillable="true" type="xs:string"/>
<xs:element name="channel" nillable="true" type="xs:string"/>
<xs:element name="result" nillable="true" type="xs:string"/>
<xs:element name="date" nillable="true" type="xs:string"/>
<xs:element name="fromDate" nillable="true" type="xs:string"/>
<xs:element name="toDate" nillable="true" type="xs:string"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="happinessInqByTrxResponse"
type="ns0:happinessInqByTrxResponse"/>
<xs:complexType name="happinessInqByTrxResponse">
<xs:sequence>
<xs:element maxOccurs="unbounded" minOccurs="0" name="vote"
type="ns0:vote7"/>
</xs:sequence>
</xs:complexType>
<xs:complexType name="vote7">
<xs:sequence>
<xs:element name="beatId" nillable="true" type="xs:decimal"/>
<xs:element name="type" nillable="true" type="xs:string"/>
<xs:element name="transactionId" nillable="true" type="xs:string"/>
<xs:element name="gessEnabled" nillable="true" type="xs:string"/>
<xs:element name="serviceCode" nillable="true" type="xs:string"/>
<xs:element name="serviceDescription" nillable="true"
type="xs:string"/>
<xs:element name="channel" nillable="true" type="xs:string"/>
<xs:element name="userSource" nillable="true" type="xs:string"/>
<xs:element name="emiratesId" nillable="true" type="xs:string"/>
<xs:element name="userName" nillable="true" type="xs:string"/>
<xs:element name="userEmail" nillable="true" type="xs:string"/>
<xs:element name="userMobile" nillable="true" type="xs:string"/>
<xs:element name="result" nillable="true" type="xs:decimal"/>
<xs:element name="notes" nillable="true" type="xs:string"/>
<xs:element name="createdDate" nillable="true" type="xs:dateTime"/>

```

```

<xs:element name="mobileNo" nillable="true" type="xs:string"/>
<xs:element name="remarksEn" nillable="true" type="xs:string"/>
<xs:element name="remarksAr" nillable="true" type="xs:string"/>
</xs:sequence>
</xs:complexType>
</xs:schema>
<xs:schema attributeFormDefault="unqualified"
elementFormDefault="qualified"
targetNamespace="http://ws.wso2.org/dataservice">
<xs:element name="DataServiceFault" type="xs:string"/>
<xs:element name="REQUEST_STATUS" type="xs:string"/>
</xs:schema>
</wSDL:types>
<wSDL:message name="getVotesByTransactionRequest">
<wSDL:part name="parameters" element="ns0:getVotesByTransaction"/>
</wSDL:message>
<wSDL:message name="getVotesByTransactionResponse">
<wSDL:part name="parameters" element="ns0:happinessInqByTrxResponse"/>
</wSDL:message>
<wSDL:message name="DataServiceFault">
<wSDL:part name="parameters" element="ns1:DataServiceFault"/>
</wSDL:message>
<wSDL:message name="getVotesByApplicationRequest">
<wSDL:part name="parameters" element="ns0:getVotesByApplication"/>
</wSDL:message>
<wSDL:message name="getVotesByApplicationResponse">
<wSDL:part name="parameters" element="ns0:happinessInqByAppResponse"/>
</wSDL:message>
<wSDL:message name="getEmployeeVotesByServiceDeskpointRequest">
<wSDL:part name="parameters"
element="ns0:getEmployeeVotesByServiceDeskpoint"/>
</wSDL:message>
<wSDL:message name="getEmployeeVotesByServiceDeskpointResponse">
<wSDL:part name="parameters"
element="ns0:happinessInqByEmpDeskPointResponse"/>
</wSDL:message>
<wSDL:message name="getVotesByServiceDeskpointRequest">
<wSDL:part name="parameters"
element="ns0:getVotesByServiceDeskpoint"/>
</wSDL:message>
<wSDL:message name="getVotesByServiceDeskpointResponse">
<wSDL:part name="parameters"
element="ns0:happinessInqByDeskPointResponse"/>
</wSDL:message>
<wSDL:message name="getVotesByUserRequest">
<wSDL:part name="parameters" element="ns0:getVotesByUser"/>
</wSDL:message>
<wSDL:message name="getVotesByUserResponse">
<wSDL:part name="parameters"
element="ns0:happinessInqByUserResponse"/>
</wSDL:message>
<wSDL:message name="getAllBeatsByPaginationRequest">
<wSDL:part name="parameters" element="ns0:getAllBeatsByPagination"/>
</wSDL:message>
<wSDL:message name="getAllBeatsByPaginationResponse">
<wSDL:part name="parameters" element="ns0:happinessAllBeatsResponse"/>
</wSDL:message>

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```

<wsdl:message name="getBeatSummaryRequest">
<wsdl:part name="parameters" element="ns0:getBeatSummary"/>
</wsdl:message>
<wsdl:message name="getBeatSummaryResponse">
<wsdl:part name="parameters"
element="ns0:happinessBeatSummaryResponse"/>
</wsdl:message>
<wsdl:portType name="HappinessBeatInquirySOAPV4PortType">
<wsdl:operation name="getVotesByTransaction">
<wsdl:documentation>getBeatByTransaction</wsdl:documentation>
<wsdl:input message="ns0:getVotesByTransactionRequest"
wsaw:Action="urn:getVotesByTransaction"/>
<wsdl:output message="ns0:getVotesByTransactionResponse"
wsaw:Action="urn:getVotesByTransactionResponse"/>
<wsdl:fault message="ns0:DataServiceFault" name="DataServiceFault"
wsaw:Action="urn:getVotesByTransactionDataServiceFault"/>
</wsdl:operation>
<wsdl:operation name="getVotesByApplication">
<wsdl:documentation>getBeatByApplication</wsdl:documentation>
<wsdl:input message="ns0:getVotesByApplicationRequest"
wsaw:Action="urn:getVotesByApplication"/>
<wsdl:output message="ns0:getVotesByApplicationResponse"
wsaw:Action="urn:getVotesByApplicationResponse"/>
<wsdl:fault message="ns0:DataServiceFault" name="DataServiceFault"
wsaw:Action="urn:getVotesByApplicationDataServiceFault"/>
</wsdl:operation>
<wsdl:operation name="getEmployeeVotesByServiceDeskpoint">
<wsdl:documentation>getEmployeeVotesByServiceDeskpoint</wsdl:documenta
tion>
<wsdl:input message="ns0:getEmployeeVotesByServiceDeskpointRequest"
wsaw:Action="urn:getEmployeeVotesByServiceDeskpoint"/>
<wsdl:output message="ns0:getEmployeeVotesByServiceDeskpointResponse"
wsaw:Action="urn:getEmployeeVotesByServiceDeskpointResponse"/>
<wsdl:fault message="ns0:DataServiceFault" name="DataServiceFault"
wsaw:Action="urn:getEmployeeVotesByServiceDeskpointDataServiceFault"/>
</wsdl:operation>
<wsdl:operation name="getVotesByServiceDeskpoint">
<wsdl:documentation>getBeatByServiceDeskpoint</wsdl:documentation>
<wsdl:input message="ns0:getVotesByServiceDeskpointRequest"
wsaw:Action="urn:getVotesByServiceDeskpoint"/>
<wsdl:output message="ns0:getVotesByServiceDeskpointResponse"
wsaw:Action="urn:getVotesByServiceDeskpointResponse"/>
<wsdl:fault message="ns0:DataServiceFault" name="DataServiceFault"
wsaw:Action="urn:getVotesByServiceDeskpointDataServiceFault"/>
</wsdl:operation>
<wsdl:operation name="getVotesByUser">
<wsdl:documentation>getBeatByUser</wsdl:documentation>
<wsdl:input message="ns0:getVotesByUserRequest"
wsaw:Action="urn:getVotesByUser"/>
<wsdl:output message="ns0:getVotesByUserResponse"
wsaw:Action="urn:getVotesByUserResponse"/>
<wsdl:fault message="ns0:DataServiceFault" name="DataServiceFault"
wsaw:Action="urn:getVotesByUserDataServiceFault"/>
</wsdl:operation>
<wsdl:operation name="getAllBeatsByPagination">
<wsdl:documentation>getAllBeatsByPagination</wsdl:documentation>

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<wsdl:input message="ns0:getAllBeatsByPaginationRequest"
wsaw:Action="urn:getAllBeatsByPagination" />
<wsdl:output message="ns0:getAllBeatsByPaginationResponse"
wsaw:Action="urn:getAllBeatsByPaginationResponse" />
<wsdl:fault message="ns0:DataServiceFault" name="DataServiceFault"
wsaw:Action="urn:getAllBeatsByPaginationDataServiceFault" />
</wsdl:operation>
<wsdl:operation name="getBeatSummary">
<wsdl:documentation>getBeatSummary</wsdl:documentation>
<wsdl:input message="ns0:getBeatSummaryRequest"
wsaw:Action="urn:getBeatSummary" />
<wsdl:output message="ns0:getBeatSummaryResponse"
wsaw:Action="urn:getBeatSummaryResponse" />
<wsdl:fault message="ns0:DataServiceFault" name="DataServiceFault"
wsaw:Action="urn:getBeatSummaryDataServiceFault" />
</wsdl:operation>
</wsdl:portType>
<wsdl:binding name="HappinessBeatInquirySOAPV4Soap11Binding"
type="ns0:HappinessBeatInquirySOAPV4PortType">
<wsp:PolicyReference
xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy"
URI="#UTOverTransport" />
<soap:binding transport="http://schemas.xmlsoap.org/soap/http"
style="document" />
<wsdl:operation name="getVotesByTransaction">
<soap:operation soapAction="urn:getVotesByTransaction"
style="document" />
<wsdl:input>
<soap:body use="literal" />
</wsdl:input>
<wsdl:output>
<soap:body use="literal" />
</wsdl:output>
<wsdl:fault name="DataServiceFault">
<soap:fault use="literal" name="DataServiceFault" />
</wsdl:fault>
</wsdl:operation>
<wsdl:operation name="getVotesByApplication">
<soap:operation soapAction="urn:getVotesByApplication"
style="document" />
<wsdl:input>
<soap:body use="literal" />
</wsdl:input>
<wsdl:output>
<soap:body use="literal" />
</wsdl:output>
<wsdl:fault name="DataServiceFault">
<soap:fault use="literal" name="DataServiceFault" />
</wsdl:fault>
</wsdl:operation>
<wsdl:operation name="getEmployeeVotesByServiceDeskpoint">
<soap:operation soapAction="urn:getEmployeeVotesByServiceDeskpoint"
style="document" />
<wsdl:input>
<soap:body use="literal" />
</wsdl:input>
<wsdl:output>

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```

<soap:body use="literal"/>
</wsdl:output>
<wsdl:fault name="DataServiceFault">
<soap:fault use="literal" name="DataServiceFault"/>
</wsdl:fault>
</wsdl:operation>
<wsdl:operation name="getVotesByServiceDeskpoint">
<soap:operation soapAction="urn:getVotesByServiceDeskpoint"
style="document"/>
<wsdl:input>
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output>
<soap:body use="literal"/>
</wsdl:output>
<wsdl:fault name="DataServiceFault">
<soap:fault use="literal" name="DataServiceFault"/>
</wsdl:fault>
</wsdl:operation>
<wsdl:operation name="getVotesByUser">
<soap:operation soapAction="urn:getVotesByUser" style="document"/>
<wsdl:input>
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output>
<soap:body use="literal"/>
</wsdl:output>
<wsdl:fault name="DataServiceFault">
<soap:fault use="literal" name="DataServiceFault"/>
</wsdl:fault>
</wsdl:operation>
<wsdl:operation name="getAllBeatsByPagination">
<soap:operation soapAction="urn:getAllBeatsByPagination"
style="document"/>
<wsdl:input>
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output>
<soap:body use="literal"/>
</wsdl:output>
<wsdl:fault name="DataServiceFault">
<soap:fault use="literal" name="DataServiceFault"/>
</wsdl:fault>
</wsdl:operation>
<wsdl:operation name="getBeatSummary">
<soap:operation soapAction="urn:getBeatSummary" style="document"/>
<wsdl:input>
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output>
<soap:body use="literal"/>
</wsdl:output>
<wsdl:fault name="DataServiceFault">
<soap:fault use="literal" name="DataServiceFault"/>
</wsdl:fault>
</wsdl:operation>
</wsdl:binding>

```

```

<wsdl:binding name="HappinessBeatInquirySOAPV4Soap12Binding"
type="ns0:HappinessBeatInquirySOAPV4PortType">
<wsp:PolicyReference
xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy"
URI="#UTOverTransport"/>
<soap12:binding transport="http://schemas.xmlsoap.org/soap/http"
style="document"/>
<wsdl:operation name="getVotesByTransaction">
<soap12:operation soapAction="urn:getVotesByTransaction"
style="document"/>
<wsdl:input>
<soap12:body use="literal"/>
</wsdl:input>
<wsdl:output>
<soap12:body use="literal"/>
</wsdl:output>
<wsdl:fault name="DataServiceFault">
<soap12:fault use="literal" name="DataServiceFault"/>
</wsdl:fault>
</wsdl:operation>
<wsdl:operation name="getVotesByApplication">
<soap12:operation soapAction="urn:getVotesByApplication"
style="document"/>
<wsdl:input>
<soap12:body use="literal"/>
</wsdl:input>
<wsdl:output>
<soap12:body use="literal"/>
</wsdl:output>
<wsdl:fault name="DataServiceFault">
<soap12:fault use="literal" name="DataServiceFault"/>
</wsdl:fault>
</wsdl:operation>
<wsdl:operation name="getEmployeeVotesByServiceDeskpoint">
<soap12:operation soapAction="urn:getEmployeeVotesByServiceDeskpoint"
style="document"/>
<wsdl:input>
<soap12:body use="literal"/>
</wsdl:input>
<wsdl:output>
<soap12:body use="literal"/>
</wsdl:output>
<wsdl:fault name="DataServiceFault">
<soap12:fault use="literal" name="DataServiceFault"/>
</wsdl:fault>
</wsdl:operation>
<wsdl:operation name="getVotesByServiceDeskpoint">
<soap12:operation soapAction="urn:getVotesByServiceDeskpoint"
style="document"/>
<wsdl:input>
<soap12:body use="literal"/>
</wsdl:input>
<wsdl:output>
<soap12:body use="literal"/>
</wsdl:output>
<wsdl:fault name="DataServiceFault">
<soap12:fault use="literal" name="DataServiceFault"/>

```



```

</wsdl:fault>
</wsdl:operation>
<wsdl:operation name="getVotesByUser">
<soap12:operation soapAction="urn:getVotesByUser" style="document"/>
<wsdl:input>
<soap12:body use="literal"/>
</wsdl:input>
<wsdl:output>
<soap12:body use="literal"/>
</wsdl:output>
<wsdl:fault name="DataServiceFault">
<soap12:fault use="literal" name="DataServiceFault"/>
</wsdl:fault>
</wsdl:operation>
<wsdl:operation name="getAllBeatsByPagination">
<soap12:operation soapAction="urn:getAllBeatsByPagination"
style="document"/>
<wsdl:input>
<soap12:body use="literal"/>
</wsdl:input>
<wsdl:output>
<soap12:body use="literal"/>
</wsdl:output>
<wsdl:fault name="DataServiceFault">
<soap12:fault use="literal" name="DataServiceFault"/>
</wsdl:fault>
</wsdl:operation>
<wsdl:operation name="getBeatSummary">
<soap12:operation soapAction="urn:getBeatSummary" style="document"/>
<wsdl:input>
<soap12:body use="literal"/>
</wsdl:input>
<wsdl:output>
<soap12:body use="literal"/>
</wsdl:output>
<wsdl:fault name="DataServiceFault">
<soap12:fault use="literal" name="DataServiceFault"/>
</wsdl:fault>
</wsdl:operation>
</wsdl:binding>
<wsdl:binding name="HappinessBeatInquirySOAPV4HttpBinding"
type="ns0:HappinessBeatInquirySOAPV4PortType">
<http:binding verb="POST"/>
<wsdl:operation name="getVotesByTransaction">
<http:operation location="getVotesByTransaction"/>
<wsdl:input>
<mime:content type="text/xml" part="parameters"/>
</wsdl:input>
<wsdl:output>
<mime:content type="text/xml" part="parameters"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="getVotesByApplication">
<http:operation location="getVotesByApplication"/>
<wsdl:input>
<mime:content type="text/xml" part="parameters"/>
</wsdl:input>

```

```

<wsdl:output>
<mime:content type="text/xml" part="parameters"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="getEmployeeVotesByServiceDeskpoint">
<http:operation location="getEmployeeVotesByServiceDeskpoint"/>
<wsdl:input>
<mime:content type="text/xml" part="parameters"/>
</wsdl:input>
<wsdl:output>
<mime:content type="text/xml" part="parameters"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="getVotesByServiceDeskpoint">
<http:operation location="getVotesByServiceDeskpoint"/>
<wsdl:input>
<mime:content type="text/xml" part="parameters"/>
</wsdl:input>
<wsdl:output>
<mime:content type="text/xml" part="parameters"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="getVotesByUser">
<http:operation location="getVotesByUser"/>
<wsdl:input>
<mime:content type="text/xml" part="parameters"/>
</wsdl:input>
<wsdl:output>
<mime:content type="text/xml" part="parameters"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="getAllBeatsByPagination">
<http:operation location="getAllBeatsByPagination"/>
<wsdl:input>
<mime:content type="text/xml" part="parameters"/>
</wsdl:input>
<wsdl:output>
<mime:content type="text/xml" part="parameters"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="getBeatSummary">
<http:operation location="getBeatSummary"/>
<wsdl:input>
<mime:content type="text/xml" part="parameters"/>
</wsdl:input>
<wsdl:output>
<mime:content type="text/xml" part="parameters"/>
</wsdl:output>
</wsdl:operation>
</wsdl:binding>
<wsdl:service name="HappinessBeatInquirySOAPV4">
<wsdl:port name="HappinessBeatInquirySOAPV4HttpsSoap11Endpoint"
binding="ns0:HappinessBeatInquirySOAPV4Soap11Binding">
<soap:address
location="https://gsb.qa.dubai.gov.ae/secure/HappinessBeatInquirySOAPV
4.HappinessBeatInquirySOAPV4HttpsSoap11Endpoint"/>
</wsdl:port>

```

```
<wsdl:port name="HappinessBeatInquirySOAPV4HttpsSoap12Endpoint"  
binding="ns0:HappinessBeatInquirySOAPV4Soap12Binding">  
<soap12:address  
location="https://gsb.qa.dubai.gov.ae/secure/HappinessBeatInquirySOAPV  
4.HappinessBeatInquirySOAPV4HttpsSoap12Endpoint"/>  
</wsdl:port>  
<wsdl:port name="HappinessBeatInquirySOAPV4HttpsEndpoint"  
binding="ns0:HappinessBeatInquirySOAPV4HttpBinding">  
<http:address  
location="https://gsb.qa.dubai.gov.ae/secure/HappinessBeatInquirySOAPV  
4.HappinessBeatInquirySOAPV4HttpsEndpoint"/>  
</wsdl:port>  
</wsdl:service>  
</wsdl:definitions>
```