AlRajhi Bank

Information Technology Division

**{OperationName}**

**({SvcID}-{SubSvcID}-SCI)**

|  |  |
| --- | --- |
| Customer Name | AlRajhi Bank |
| Project/Sub-Project | {CategoryName} |
| File Name | {SvcID}-{SubSvcID}-SCI {OperationName}.docx |
| Version | 0.1 |
| Author | {CreatorName} |
| Publish Date | {CreationDate} |

Table of contents

[1 Document Control 3](#_Toc498336290)

[2 Approvals 4](#_Toc498336291)

[3 {OperationName} Definition Card 5](#_Toc498336292)

[3.1 Function IDs 5](#_Toc498336293)

[3.2 End Points 5](#_Toc498336294)

[3.3 Messages 5](#_Toc498336295)

[3.4 Status Code Specifications 5](#_Toc498336296)

[4 Service Consumer Message Format Details 6](#_Toc498336297)

[4.1 {OperationName}Rq 6](#_Toc498336298)

[4.2 {OperationName}Rs 7](#_Toc498336299)

# Document Control

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Comments** |
| 0.1 | {CreationDate} | {CreatorName} | Initial version for new {CategoryName} |
|  |  |  |  |
|  |  |  |  |

# Approvals

|  |  |  |
| --- | --- | --- |
| **Name** | **Signature** | **Date** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

# {OperationName} Definition Card

|  |  |  |  |
| --- | --- | --- | --- |
| **Service ID** | {SvcID} | **Service Category** | {CategoryName} |
| **Sub-Service ID** | {SubSvcID} | **Sub-Service Category** | {OperationMethod} |
| **Reference ID** | {SvcID}-{SubSvcID}-SCI | **Service Canonical Name** | {OperationName} |
| **Service Description** | {OperationName} | | |

## Function IDs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Function ID*** | ***Description*** | ***End Point Request ID*** | ***End Point Response ID*** | ***Request Message ID*** | ***Response Message ID*** |
| 0001 | {OperationName} | 1 | 1 | 1 | 2 |

## End Points

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***WSDL*** | | ***Name*** | | | |
| {CategoryName}.WSDL | | | |
| ***End Point ID*** | ***End Point Name*** | | ***Type*** | ***Protocol***  *(MQ,WS,..)* | ***Description*** |
| 1 | * https://{IP}:{PORT}/{CategoryName}/{OperationName} * OPERATION: {OperationName}Operation * ACTION: {OperationName}Action | | Request-Response | WS | The web service receiving calls from consumer to EAI and delivers response back. |

## Messages

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***XML Schema*** | | ***Name*** | | |
| CommonLibV2.xsd | | |
| {CategoryName}.xsd | | |
| ***Message ID*** | ***Name*** | ***Type*** | ***Format***  *(XML,TDS,...)* | ***Description*** |
| 1 | {OperationName}Rq | Request | XML | The message representing the request comes to the EAI. |
| 2 | {OperationName}Rs | Response | XML | The message representing the response returned from the EAI. |

## Status Code Specifications

|  |  |
| --- | --- |
| ***Status Code*** | ***Status Description*** |
| I000000 | Success |
| E999999 | Failure |
| E999994 | Error received from backend |
| E000001 | Backend Timeout |
| E000013 | Schema Validation error |

# Service Consumer Message Format Details

## {OperationName}Rq

| XPATH/Element | Type | Repetition | Allowed Values | \*Usage  R (Condition)  O (Condition)  X (Condition) | Description |
| --- | --- | --- | --- | --- | --- |
| /Hdr/ | MsgRqHdr\_Type | 1 | Refer to Message Headers document | R | Message header |
| /Body/ | {OperationName}RqBody\_Type | 1 |  | R | Message body  {RqTableRow} |

\*Usage of returned element (**R** Required to be returned, **O** Optional, **X** should not be submitted)

## {OperationName}Rs

| XPATH/Element | Type | Repetition | Allowed Values | \*Usage  R (Condition)  O (Condition)  X (Condition) | Description |
| --- | --- | --- | --- | --- | --- |
| /Hdr/ | MsgRqHdr\_Type | 1 | Refer to Message Headers document | R | Message header |
| /Body/ | {OperationName}RsBody\_Type | 1 |  | O | Message body {TableRow} |

\*Usage of returned element (**R** Required to be returned, **O** Optional, **X** will not be returned)

# Sample Messages

## Func 0001 {OperationName}

|  |  |
| --- | --- |
| **Request** | **Response** |
| <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:alr="http://www.alrajhiwebservices.com/{CategoryName}" xmlns:alr1="http://www.alrajhiwebservices.com/">  <soapenv:Header/>  <soapenv:Body>  <alr:{OperationName}Rq>  <Hdr>  <alr1:Msg>  <alr1:RqID>afdc9d68-68c5-42f9-412b-81c2c34b6ee8</alr1:RqID>  <alr1:SvcID>{SvcID}</alr1:SvcID>  <alr1:SubSvcID>{SubSvcID}</alr1:SubSvcID>  <alr1:FuncID>0001</alr1:FuncID>  <alr1:MsgTimestamp>2023-03-20T17:38:11</alr1:MsgTimestamp>  <alr1:MsgVer>001</alr1:MsgVer>  </alr1:Msg>  <alr1:Agt>  <alr1:CICNum>0000000003164253</alr1:CICNum>  <alr1:IDTyp>01</alr1:IDTyp>  <alr1:IDNum>1678184662</alr1:IDNum>  <alr1:UserLang>EN</alr1:UserLang>  <alr1:UserMobile>+9665879928693</alr1:UserMobile>  <alr1:UserEMail>u3153920X@banking.com.sa</alr1:UserEMail>  </alr1:Agt>  <alr1:Sys>  <alr1:ChID>MOBILEWEB</alr1:ChID>  <alr1:SubChID>STANDARD</alr1:SubChID>  <alr1:SessionID>432690428302065187200329597310</alr1:SessionID>  <alr1:LoginInfo>  <alr1:IPAddr>77.31.233.1</alr1:IPAddr>  <alr1:UserID>u3153920x</alr1:UserID>  </alr1:LoginInfo>  <alr1:OSID>01</alr1:OSID>  <alr1:SessionLang>EN</alr1:SessionLang>  <alr1:AppTyp>620</alr1:AppTyp>  </alr1:Sys>  </Hdr>  {ReqBody}  </alr:{OperationName}Rq>  </soapenv:Body>  </soapenv:Envelope> | <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:alr="http://www.alrajhiwebservices.com/{CategoryName}" xmlns:alr1="http://www.alrajhiwebservices.com/">  <soapenv:Header/>  <soapenv:Body>  <alr:{OperationName}Rs>  <Hdr>  <alr1:Status>  <alr1:StatusCd>I000000</alr1:StatusCd>  <alr1:StatusDesc>Success</alr1:StatusDesc>  </alr1:Status>  <alr1:RqID>afdc9d68-68c5-42f9-412b-81c2c34b6ee8</alr1:RqID>  </Hdr>  {ResBody}  </alr:{OperationName}Rs>  </soapenv:Body>  </soapenv:Envelope> |