**API Documentation**

|  |  |  |  |
| --- | --- | --- | --- |
| **:: API ::** | | | |
|  | **▪ Key** | | **environment.general.session.getData** |
|  | **▪ Version** | | **1** |
|  | **▪ Call Method** | | JSON Post |
|  | **▪ Description** | | Mendapatkan Data User Session |
|  | | | |
| **:: File System ::** | | | |
|  | **▪ Full Path** | | **<BASE DIRECTORY>/app/Http/Controllers/Application/BackEnd/System/Environment/Engines/ general/session/getData/v1** |
|  | **▪ File Name** | |  |
|  |  | **▪ Engine** | **getData.php** |
|  |  | **▪ JSON Schema** | **JSONRequestSchema.json** |
|  | | | |
| **:: Documentation ::** | | | |
|  | **▪ Code** | | ERPReborn/API.Doc/environment.general.session.getData/v1 |
|  | **▪ Revision** | | 1 |
|  | **▪ Date** | | December 22th, 2020 |

|  |
| --- |
|  |

**API Routing ▷**

|  |
| --- |
|  |

**JSON Request Schema (JSON Syntax) ▷**

{

"title": "JSON Request Schema",

"description": "JSON Request Schema of environment.general.session.getData (version 1)",

"type": "object",

"properties": {

"metadata": {

"type": "object",

"properties": {

"API": {

"type": "object",

"properties": {

"key": {

"type": "string",

"enum": [ "environment.general.session.getData" ]

},

"version": {

"type": [ "integer", "string" ],

"minimum": 1,

"minLength": 1

}

},

"required": [ "key", "version" ]

}

},

"required": [ "API" ]

},

"data": {

"additionalProperties": false

}

},

"required": [ "metadata", "data" ]

}

|  |
| --- |
|  |

**Request Code (PHP Syntax) ▷**

$varData = \App\Helpers\ZhtHelper\System\FrontEnd\Helper\_APICall::setCallAPIGateway(

\App\Helpers\ZhtHelper\System\Helper\_Environment::getUserSessionID\_System(),

<...API Web Token...>,

'environment.general.session.getData',

<...API Version...>,

[

]

);

|  |  |  |  |
| --- | --- | --- | --- |
| **VARIABLE** | | **DATA TYPE** | **ACCEPTED VALUE** |
| ▪ | <...API Web Token...> | String | Any String |
| ▪ | <...API Version..> | String, Integer | Constant String : 'latest'  Any Integer : 1, 2, ...  Any Integer value on String : '1', '2’, ... |

**Request Code (JavaScript Syntax) ▷**

var varURL = "http://172.28.0.3/api/gateway";

var varJSONObject = {

"metadata":{

"API":{

"key":"environment.general.session.getData",

"version":<...API Version..>

}

},

"data":[]

};

var varAJAXReturn = null;

$.ajax(varURL, {

async:false,

type:"POST",

headers:{

"Authorization":"Bearer <...API Web Token...>",

"User-Agent":**<< Generated By System >>**,

"Agent-DateTime":function() {

var varObjDate = new Date();

return varObjDate.toUTCString();

}(),

"Expires":function() {

var varObjDate = new Date();

varObjDate.setSeconds(varObjDate.getSeconds() + 600);

return varObjDate.toUTCString();

}(),

"Content-MD5":**<< Generated By System >>**,

"X-Request-ID":**<< Generated By System >>**

},

data:JSON.stringify(varJSONObject),

contentType:"application/json",

success:function(varDataResponse, varTextStatus, ObjXHR) {

varAJAXReturn = JSON.stringify(varDataResponse)

},

error:function(varDataResponse, varTextStatus) {

varAJAXReturn = JSON.stringify(varDataResponse)

}

});

return varAJAXReturn;

|  |  |  |  |
| --- | --- | --- | --- |
| **VARIABLE** | | **DATA TYPE** | **ACCEPTED VALUE** |
| ▪ | <...API Web Token...> | String | Any String |
| ▪ | <...API Version..> | String, Integer | Constant String : 'latest'  Any Integer : 1, 2, ...  Any Integer value on String : '1', '2’, ... |

|  |
| --- |
|  |

**Request Example (PHP Syntax) ▷**

$varData = \App\Helpers\ZhtHelper\System\FrontEnd\Helper\_APICall::setCallAPIGateway(

\App\Helpers\ZhtHelper\System\Helper\_Environment::getUserSessionID\_System(),

**'eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJsb2dnZWRJbkFzIjoidGVndWgucHJhdGFtYSIsImlhdCI6MTYwODYwMzgwMH0.yW2jI2h\_3LtMXRQcTXuwTlpsUZVfP4Vt-RjdUXSSDiY'**,

'environment.general.session.getData',

**'latest'**,

[

]

);

**Request Example (JavaScript Syntax) ▷**

**JQueryFunction Generator Implementation on PHP ▷**

echo \App\Helpers\ZhtHelper\General\Helper\_JQuery::setLibrary(\App\Helpers\ZhtHelper\System\Helper\_Environment::getUserSessionID\_System());

**$varJQueryFunction** = \App\Helpers\ZhtHelper\System\FrontEnd\Helper\_APICall::setCallAPIGatewayJQuery(

\App\Helpers\ZhtHelper\System\Helper\_Environment::getUserSessionID\_System(),

**'eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJsb2dnZWRJbkFzIjoidGVndWgucHJhdGFtYSIsImlhdCI6MTYwODYwMzgwMH0.yW2jI2h\_3LtMXRQcTXuwTlpsUZVfP4Vt-RjdUXSSDiY'**,

'environment.general.session.getData',

**'latest'**,

[

]

);

echo "<button type='button' onclick='javascript:var varData=".**$varJQueryFunction**."; $(\"body\").append(JSON.stringify(varData));'>Click Me</button>";

**$varJQueryFunction’s Content**

**(Result of \App\Helpers\ZhtHelper\System\FrontEnd\Helper\_APICall::setCallAPIGatewayJQuery) ▷**

function() {

if (window.jQuery){

var varURL = "http://172.28.0.3/api/gateway";

var varJSONObject = {

"metadata":{

"API":{

"key":"environment.general.session.getData",

"version":"latest"

}

},

"data":[]

};

var varAJAXReturn = null;

$.ajax(varURL, {

async:false,

type:"POST",

headers:{

"Authorization":"Bearer **eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJsb2dnZWRJbkFzIjoidGVndWgucHJhdGFtYSIsImlhdCI6MTYwODYwMzgwMH0.yW2jI2h\_3LtMXRQcTXuwTlpsUZVfP4Vt-RjdUXSSDiY**",

"User-Agent":"**Mozilla/5.0 (X11; Fedora; Linux x86\_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/87.0.4280.88 Safari/537.36**",

"Agent-DateTime":function() {

var varObjDate = new Date();

return varObjDate.toUTCString();

}(),

"Expires":function() {

var varObjDate = new Date();

varObjDate.setSeconds(varObjDate.getSeconds() + 600);

return varObjDate.toUTCString();

}(),

"Content-MD5":**"YThmNjVkODU2YjA1NDRkNGVlMTk5YjJiODQ5MWU2ZjE="**,

"X-Request-ID": "**ERPReborn.5fe17974ec1d79.00105805.295846d570c1b9a3bbb78317d031ae0a69651a90042a3e53bea4cc7481575793a516cd63c223ef101fb9452f0bd0d7d6c767**"

},

data:JSON.stringify(varJSONObject),

contentType:"application/json",

success:function(varDataResponse, varTextStatus, ObjXHR) {

varAJAXReturn = JSON.stringify(varDataResponse)

},

error:function(varDataResponse, varTextStatus) {

varAJAXReturn = JSON.stringify(varDataResponse)

}

});

return varAJAXReturn;

}

else {

alert("jQuery is not yet loaded\n Please initialize jQuery first by using Helper Object :\n\n\\App\\Helpers\\ZhtHelper\\General\\Helper\_JQuery::setLibrary($varUserSession)");

}

}();

|  |
| --- |
|  |

**Success Response Example (PHP Syntax) ▷ Normal Process ▷**

[

"metadata" => [

"HTTPStatusCode" => 200

"APIResponse" => [

"key" => "environment.general.session.getData",

"version" => "1"

]

],

"data" => [

"APIWebToken" => "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJsb2dnZWRJbkFzIjoidGVndWgucHJhdGFtYSIsImlhdCI6MTYwODYwMzgwMH0.yW2jI2h\_3LtMXRQcTXuwTlpsUZVfP4Vt-RjdUXSSDiY",

"userLoginSessionID" => 6000000000212

"userID" => 4000000000399,

"userRoleID" => 95000000000007,

"branchID" => 11000000000004,

"sessionStartDateTimeTZ" => "2020-10-15 09:55:10.084297+07",

"sessionAutoStartDateTimeTZ" => "2020-10-15 09:55:10.084297+07",

"sessionAutoFinishDateTimeTZ" => "2020-10-15 19:55:10.084297+07",

"userPrivilegesMenu" => [

"ID" => "000",

"caption" => "Menu",

"callAction" => false,

"child" => [

0 => [

"ID" => "001",

"caption" => "Module",

"callAction"]=> false,

"child" => [

0 => [

"ID" => "001.002",

"caption" => "Fund Management",

"callAction" => false,

"child" => [

0 => [

"ID" => "001.002.001",

"caption" => "Finance",

"callAction" => false,

"child" => [

0 => [

"ID" => "001.002.001.002",

"caption" => "Report",

"callAction" => false,

"child" => [

0 => [

"ID" => "001.002.001.002.001",

"caption" => "Transactional",

"callAction" => false,

"child" => NULL,

1 => [

"ID" => "001.002.001.002.002"

"caption" => "Data List",

"callAction" => false,

"child" => [

0 => [

"ID" => "001.002.001.002.002.001",

"caption" => "Cash & Bank",

"callAction" => false,

"child" => [

0 => [

"ID" => "001.002.001.002.002.001.001",

"caption" => "Petty Cash",

"callAction" => false,

"child" => NULL

],

1 => [

"ID" => "001.002.001.002.002.001.002",

"caption" => "Bank (Non transaction activity)",

"callAction" => false,

"child" => [

0 => [

"ID" => "001.002.001.002.002.001.002.001",

"caption" => "Spend Money List",

"callAction" => false,

"child" => [

...,

6 => [

"ID" => "001.006.007",

"caption" => "Business Trip",

"callAction" => false,

"child" => [

0 => [

"ID" => "001.006.007.002",

"caption" => "Report",

"callAction" => false,

"child" => [

0 => [

"ID" => "001.006.007.002.001",

"caption" => "Transactional",

"callAction" => false

"child" => NULL

],

1 => [

"ID" => "001.006.007.002.002",

"caption" => "Data List",

"callAction" => false,

"child" => [

0 => [

"ID" => "001.006.007.002.002.001",

"caption" => "Business Trip (BRF) List",

"callAction" => false

"child" => [

0 => [

"ID" => "001.006.007.002.002.001.001",

"caption" => "Show",

"callAction" => true,

"child" => NULL

]

]

]

]

]

],

[

2 =>

[

"ID" => "001.006.007.002.003",

"caption" => "Analytical Resume",

"callAction" => false,

"child" => NULL

]

]

]

]

],

7 => [

"ID" => "001.006.008",

"caption" => "Payroll And Benefit",

"callAction" => false,

"child" => [

0 => [

"ID" => "001.006.008.002",

"caption" => "Report",

"callAction"]=> false,

"child" => [

0 => [

"ID" => "001.006.008.002.001",

"caption" => "Transactional",

"callAction" => false,

"child" => NULL],

1 => [

"ID" => "001.006.008.002.002",

"caption" => "Data List",

"callAction" => false,

"child" => NULL

],

2 => [

"ID" => "001.006.008.002.003",

"caption" => "Analytical Resume",

"callAction" => false,

"child" => NULL

]

]

]

]

]

]

]

]

],

1 => [

"ID" => "999",

"caption" => "Logout",

"callAction" => false

"child" => NULL

]

]

]

]

]

**Success Response Example (JSON Syntax) ▷ Normal Process ▷**

{

"metadata":{

"HTTPStatusCode":200,

"APIResponse":{

"key":"environment.general.session.getData",

"version":"1"

}

},

"data":{

"APIWebToken":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJsb2dnZWRJbkFzIjoidGVndWgucHJhdGFtYSIsImlhdCI6MTYwODYwMzgwMH0.yW2jI2h\_3LtMXRQcTXuwTlpsUZVfP4Vt-RjdUXSSDiY",

"userLoginSessionID":6000000000379,

"userID":4000000000399,

"userRoleID":95000000000007,

"branchID":11000000000004,

"sessionStartDateTimeTZ":"2020-12-22 02:23:20.691118+00",

"sessionAutoStartDateTimeTZ":"2020-12-22 02:23:20.691118+00",

"sessionAutoFinishDateTimeTZ":"2020-12-22 12:23:20.691118+00",

"userPrivilegesMenu":{

"ID":"000",

"caption":"Menu",

"callAction":false,

"child":[

{

"ID":"001",

"caption":"Module",

"callAction":false,

"child":[

{

"ID":"001.002",

"caption":"Fund Management",

"callAction":false,

"child":[

{

"ID":"001.002.001",

"caption":"Finance",

"callAction":false,

"child":[

{

"ID":"001.002.001.002",

"caption":"Report",

"callAction":false,

"child":[

{

"ID":"001.002.001.002.001",

"caption":"Transactional",

"callAction":false,

"child":null

},

{

"ID":"001.002.001.002.002",

"caption":"Data List",

"callAction":false,

"child":[

{

"ID":"001.002.001.002.002.001",

"caption":"Cash & Bank",

"callAction":false,

"child":[

{

"ID":"001.002.001.002.002.001.001",

"caption":"Petty Cash",

"callAction":false,

"child":null

},

{

"ID":"001.002.001.002.002.001.002",

"caption":"Bank (Non transaction activity)",

"callAction":false,

"child":[

{

"ID":"001.002.001.002.002.001.002.001",

"caption":"Spend Money List",

"callAction":false,

"child":[

{

...,

{

"ID":"001.006.007",

"caption":"Business Trip",

"callAction":false,

"child":[

{

"ID":"001.006.007.002",

"caption":"Report",

"callAction":false,

"child":[

{

"ID":"001.006.007.002.001",

"caption":"Transactional",

"callAction":false,

"child":null

},

{

"ID":"001.006.007.002.002",

"caption":"Data List",

"callAction":false,

"child":[

{

"ID":"001.006.007.002.002.001",

"caption":"Business Trip (BRF) List",

"callAction":false,

"child":[

{

"ID":"001.006.007.002.002.001.001",

"caption":"Show",

"callAction":true,

"child":null

}

]

}

]

},

{

"ID":"001.006.007.002.003",

"caption":"Analytical Resume",

"callAction":false,

"child":null

}

]

}

]

},

{

"ID":"001.006.008",

"caption":"Payroll And Benefit",

"callAction":false,

"child":[

{

"ID":"001.006.008.002",

"caption":"Report",

"callAction":false,

"child":[

{

"ID":"001.006.008.002.001",

"caption":"Transactional",

"callAction":false,

"child":null

},

{

"ID":"001.006.008.002.002",

"caption":"Data List",

"callAction":false,

"child":null

},

{

"ID":"001.006.008.002.003",

"caption":"Analytical Resume",

"callAction":false,

"child":null

}

]

}

]

}

]

}

]

},

{

"ID":"999",

"caption":"Logout",

"callAction":false,

"child":null

}

]

}

}

}

|  |
| --- |
|  |

**Failed Response Example (HTML) ▷ Normal Process ▷**

**Invalid API Web Token ▷**



**Failed Response Example (HTML) ▷ JSON Contract Incompatibility ▷**



|  |
| --- |
|  |