**API Documentation**

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| **:: API ::** | | | |
|  | **▪ Key** | | **authentication.general.setLogin** |
|  | **▪ Version** | | **1** |
|  | **▪ Call Method** | | JSON Post |
|  | **▪ Description** | | Mengeset login user ke sistem berdasarkan User Name dan User Password melalui otentikasi LDAP |
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| **:: File System ::** | | | |
|  | **▪ Full Path** | | **<BASE DIRECTORY>/app/Http/Controllers/Application/BackEnd/System/Authentication/Engines/ general/setLogin/v1** |
|  | **▪ File Name** | |  |
|  |  | **▪ Engine** | **setLogin.php** |
|  |  | **▪ JSON Schema** | **JSONRequestSchema.json** |
|  | | | |
| **:: Documentation ::** | | | |
|  | **▪ Code** | | ERPReborn/API.Doc/authentication.general.setLogin/v1 |
|  | **▪ Revision** | | 1 |
|  | **▪ Date** | | December 24th, 2020 |

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**API Routing ▷**

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

{

"title": "JSON Request Schema",

"description": "JSON Request Schema of authentication.general.setLogin (version 1)",

"type": "object",

"properties": {

"metadata": {

"type": "object",

"properties": {

"API": {

"type": "object",

"properties": {

"version": {

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

"minimum": 1,

"minLength": 1

}

},

"required": [ "version" ]

}

},

"required": [ "API" ]

},

"data": {

"type": "object",

"properties": {

"userName": {

"type": "string"

},

"userPassword": {

"type": "string"

}

},

"required": [ "userName", "userPassword" ]

}

},

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

}

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**Request Code (PHP Syntax) ▷**

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

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

'<...User Name...>',

'<...User Password...>'

);

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| **VARIABLE** | | **DATA TYPE** | **VALUE** |
| ▪ | <...User Name...> | (string) | Any String |
| ▪ | <...User Password...> | (string) | Any String |

**Request Code (JavaScript Syntax) ▷**

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

var varJSONObject = {

"metadata":{

"API":{

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

}

},

"data":{

"userName":"<...User Name...>",

"userPassword":"<...User Password...>"

}

};

var varAJAXReturn = null;

$.ajax(varURL, {

async:false,

type:"POST",

headers:{

"User-Agent":function() {

return navigator.userAgent;

}(),

"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, varObjXHR) {

varAJAXReturn = JSON.stringify(varDataResponse)

},

error:function(varDataResponse, varTextStatus) {

varAJAXReturn = JSON.stringify(varDataResponse)

}

});

return varAJAXReturn;

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| --- | --- | --- | --- |
| **VARIABLE** | | **DATA TYPE** | **VALUE** |
| ▪ | <...User Name...> | (string) | Any String |
| ▪ | <...User Password...> | (string) | Any String |

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**Request Example (PHP Syntax) ▷**

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

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

**'teguh.pratama'**,

**'teguhpratama789'**

);

**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::setCallAPIAuthenticationJQuery(

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

**'teguh.pratama'**,

**'teguhpratama789'**

);

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::setCallAPIAuthenticationJQuery) ▷**

function() {

if (window.jQuery){

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

var varJSONObject = {

"metadata":{

"API":{

"version":"latest"

}

},

"data":{

"userName":"**teguh.pratama**",

"userPassword":"**teguhpratama789**"

}

};

var varAJAXReturn = null;

$.ajax(varURL, {

async:false,

type:"POST",

headers:{

"User-Agent":function() {

return navigator.userAgent;

}(),

"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":"**M2U2MDdmNWU1NzM5MTVkZGQ5YjBlYTlhZDMzNGY5ZDc=**",

"X-Request-ID":"**ERPReborn.5fe41709b97347.14828439.8e2908c9353b6cdbec4878717e7a2bf06a6515ec75de67af5e67f89bbb0d15e7ab6a8a57e6338e68d4c537529961bfd12354**"

},

data:JSON.stringify(varJSONObject),

contentType:"application/json",

success:function(varDataResponse, varTextStatus, varObjXHR) {

varAJAXReturn = JSON.stringify(varDataResponse)

},

error:function(varDataResponse, varTextStatus) {

varAJAXReturn = JSON.stringify(varDataResponse)

}

});

return varAJAXReturn;

}

else {

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

}

}()

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

[

"metadata" => [

"HTTPStatusCode" => 200,

"APIResponse" => [

"key" => "authentication.general.setLogin",

"version" => "1"

]

],

"data" => [

"APIWebToken" => "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJsb2dnZWRJbkFzIjoidGVndWgucHJhdGFtYSIsImlhdCI6MTYwMjY2MDk2N30.6QmO6ITb7l7-SZsptzP9JepdVAOvFM27-If\_FeRDnP8",

"sessionStartDateTimeTZ" => "2020-10-14 14:36:08.056158+07",

"sessionAutoStartDateTimeTZ" => "2020-10-14 14:36:08.056158+07",

"sessionAutoFinishDateTimeTZ" => "2020-10-15 00:36:08.056158+07",

"redisID" => "ERPReborn::APIWebToken::eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJsb2dnZWRJbkFzIjoidGVndWgucHJhdGFtYSIsImlhdCI6MTYwMjY2MDk2N30.6QmO6ITb7l7-SZsptzP9JepdVAOvFM27-If\_FeRDnP8",

"optionList" => [

[

"branch\_RefID" => 11000000000004,

"branchName" => "PT. QDC Technologies",

"userRole" => [

[

"userRole\_RefID" => 95000000000019,

"userRoleName" => "Accounting Staff"

],

[

"userRole\_RefID" => 95000000000017

"userRoleName" => "Accounting & Tax Manager"

],

…,

[

"userRole\_RefID" => 95000000000011,

"userRoleName" => "Sales General Manager"

]

]

],

[

"branch\_RefID" => 11000000000007,

"branchName" => " PT. Infra Media Dinamika",

"userRole" => [

]

]

]

[

]

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

{

"metadata":{

"HTTPStatusCode":200,

"APIResponse":{

"key":"authentication.general.setLogin",

"version":"1"

}

},

"data":{

"APIWebToken":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJsb2dnZWRJbkFzIjoidGVndWgucHJhdGFtYSIsImlhdCI6MTYwMjY2MDk2N30.6QmO6ITb7l7-SZsptzP9JepdVAOvFM27-If\_FeRDnP8",

"sessionStartDateTimeTZ":"2020-10-14 14:36:08.056158+07",

"sessionAutoStartDateTimeTZ":"2020-10-14 14:36:08.056158+07",

"sessionAutoFinishDateTimeTZ":"2020-10-14 14:36:08.056158+07",

"redisID":"ERPReborn::APIWebToken::eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJsb2dnZWRJbkFzIjoidGVndWgucHJhdGFtYSIsImlhdCI6MTYwMjY2MDk2N30.6QmO6ITb7l7-SZsptzP9JepdVAOvFM27-If\_FeRDnP8",

"optionList":[

{

"branch\_RefID":11000000000004,

"branchName":"PT. QDC Technologies",

"userRole":[

{

"userRole\_RefID":95000000000019,

"userRoleName":"Accounting Staff"

},{

"userRole\_RefID":95000000000017,

"userRoleName":"Accounting & Tax Manager"

},

…,

},{

"userRole\_RefID":95000000000011,

"userRoleName":"Sales General Manager"

}

]

},{

"branch\_RefID":11000000000004,

"branchName":"PT. QDC Technologies",

"userRole":[

]

}

]

}

}

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



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



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