**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** | | January 5th, 2021 |

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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) ▷**

<script src = "js/zht-js/core.js" type="text/javascript"></script>

<script>new zht\_JSCore();</script>

<input type="text" id="**dataInput\_UserName**" value="**<...User Name...>**">

<input type="text" id="**dataInput\_UserPassword**" value="**<...User Password...>**">

<script>

function() {

varReturn = null;

try {

varReturn = new zht\_JSAPIRequest\_Authentication(

"**http://172.28.0.3/api/auth**",

{

"userName" : document.getElementById("**dataInput\_UserName**").value,

"userPassword" : document.getElementById("**dataInput\_UserPassword**").value

}

);

}

catch(varError) {

alert("ERP Reborn Error Notification\n\nInvalid Data Request\n(" + varError + ")");

}

return varReturn.value;

}()

</script>

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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\_JavaScript::setLibrary(\App\Helpers\ZhtHelper\System\Helper\_Environment::getUserSessionID\_System());

echo '<input type="text" id="**dataInput\_UserName**" value="**teguh.pratama**">';

echo '<input type="text" id="**dataInput\_UserPassword**" value="**teguhpratama789**">';

**$varJQueryFunction** = \App\Helpers\ZhtHelper\System\FrontEnd\Helper\_APICall::setCallAPIAuthenticationJQuery( \App\Helpers\ZhtHelper\System\Helper\_Environment::getUserSessionID\_System(),

'{'.

'"userName" : document.getElementById("**dataInput\_UserName**").value, '.

'"userPassword" : document.getElementById("**dataInput\_UserPassword**").value '.

'}'

);

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() {

varReturn = null;

try {

varReturn = new zht\_JSAPIRequest\_Authentication(

"**http://172.28.0.3/api/auth**",

{

"userName" : document.getElementById("**dataInput\_UserName**").value,

"userPassword" : document.getElementById("**dataInput\_UserPassword**").value

}

);

}

catch(varError) {

alert("ERP Reborn Error Notification\n\nInvalid Data Request\n(" + varError + ")");

}

return varReturn.value;

}()

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**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":[

]

}

]

}

}

**Success Response Example (PHP Syntax** **of the JSON decode) ▷ 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" => [

]

]

]

[

]

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



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



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