**API Documentation**

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| **:: API ::** | | | |
|  | **▪ Key** | | **transaction.create.master.setProduct** |
|  | **▪ Version** | | **1** |
|  | **▪ Call Method** | | JSON Post |
|  | **▪ Description** | | Menyimpan Data Baru Jenis Produk |
|  | | | |
| **:: File System ::** | | | |
|  | **▪ Full Path** | | **<BASE DIRECTORY>/app/Http/Controllers/Application/BackEnd/System/Transaction/Engines/create/ master/setProduct/v1** |
|  | **▪ File Name** | |  |
|  |  | **▪ Engine** | **setProduct.php** |
|  |  | **▪ JSON Schema** | **JSONRequestSchema.json** |
|  | | | |
| **:: Documentation ::** | | | |
|  | **▪ Code** | | ERPReborn/API.Doc/transaction.create.master.setProduct/v1 |
|  | **▪ Revision** | | 1 |
|  | **▪ Date** | | January 11th, 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 transaction.create.master.setProduct (version 1)",

"type": "object",

"properties": {

"metadata": {

"type": "object",

"properties": {

"API": {

"type": "object",

"properties": {

"key": {

"type": "string",

"enum": [ "transaction.create.master.setProduct" ]

},

"version": {

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

"minimum": 1,

"minLength": 1

}

},

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

}

},

"required": [ "API" ]

},

"data": {

"type": "object",

"properties": {

"entities" : {

"type": "object",

"properties": {

"name": {

"type": [ "string", "null" ],

"minLength": 1,

"maxLength": 256

}

},

"required": [ "name" ]

}

},

"required": [ "entities" ]

}

},

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

}

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**Request Code (PHP Syntax) ▷**

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

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

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

**'transaction.create.master.setProduct'**,

**<...API Version...>**,

[

'entities' => [

'name' => **<...Product Name...>**

]

]

);

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| **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’, ... |
| ▪ | <...Product Name...> | String | Any String (256 Characters Maximum) |

**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\_Name**" value="**<...Product Name...>**">

<script>

function() {

varReturn = null;

try {

varReturn = new zht\_JSAPIRequest(

"**<...API Web Token...>**",

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

"**transaction.create.master.setProduct**",

**<...API Version..>**,

{

"entities" : {

"name" : document.getElementById("**dataInput\_Name**").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** | **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’, ... |
| ▪ | <...Product Name...> | String | Any String (256 Characters Maximum) |

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**Request Example (PHP Syntax) ▷**

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

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

**'eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJsb2dnZWRJbkFzIjoidGVndWgucHJhdGFtYSIsImlhdCI6MTYwNzU2ODI2NH0.T9GQun9PtMD7Jhk6ICt5NamLIcphqnuhqXGGu9jJiZg'**,

**'transaction.create.master.setProduct'**,

**'latest'**,

[

'entities' => [

'name' => **'New Product Name'**

]

]

);

**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\_Name**" value="**New Product Name**">';

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

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

**'eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJsb2dnZWRJbkFzIjoidGVndWgucHJhdGFtYSIsImlhdCI6MTYwNzU2ODI2NH0.T9GQun9PtMD7Jhk6ICt5NamLIcphqnuhqXGGu9jJiZg'**,

**'transaction.create.master.setProduct'**,

**'latest'**,

'{'.

'"entities" : {'.

'"name" : document.getElementById("**dataInput\_Name**").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::setCallAPIGatewayJQuery) ▷**

function() {

varReturn = null;

try {

varReturn = new zht\_JSAPIRequest(

"**eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJsb2dnZWRJbkFzIjoidGVndWgucHJhdGFtYSIsImlhdCI6MTYwNDYzMjYwM30.YCLgKY6lDNLSKzS7f3O9fCd6IgBOyIoVIycqTlUPZ68**",

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

"**transaction.create.master.setProduct**",

"**latest**",

{

"entities" : {

"name" : document.getElementById("**dataInput\_Name**").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":"transaction.create.master.setProduct",

"version":"1"

}

},

"data":{

"message":"Data Insertion Was Successful (New Record ID : 88000000000001)",

"recordID":88000000000001

}

}

**Success Response Example (PHP Syntax** **of the JSON decode) ▷ Normal Process ▷**

[

"metadata"]=> [

"HTTPStatusCode" => 200,

"APIResponse" => [

"key" => "transaction.create.master.setProduct",

"version" => "1"

]

]

"data" => [

"message" => "Data Insertion Was Successful (New Record ID : 88000000000001)",

"recordID" => 88000000000001

]

]

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

**Invalid API Web Token ▷**



**Invalid SQL Syntax (Data Insertion Failed) ▷**



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



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