**API Documentation**

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| **:: API ::** | | | |
|  | **▪ Key** | | **instruction.device.fingerprintAttendance.solution.x601. getDataAttendance** |
|  | **▪ Version** | | **1** |
|  | **▪ Call Method** | | JSON Post |
|  | **▪ Description** | | Menginstruksikan kepada Alat Sidik Jari Kehadiran Solution x601 untuk memberikan semua data absensi |
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| **:: File System ::** | | | |
|  | **▪ Full Path** | | **<BASE DIRECTORY>/app/Http/Controllers/Application/BackEnd/System/ Instruction/Engines/device/ fingerprintAttendance/solution/x601/getDataAttendance/v1** |
|  | **▪ File Name** | |  |
|  |  | **▪ Engine** | **getDataAttendance.php** |
|  |  | **▪ JSON Schema** | **JSONRequestSchema.json** |
|  | | | |
| **:: Documentation ::** | | | |
|  | **▪ Code** | | ERPReborn/API.Doc/instruction.device.fingerprintAttendance.solution.x601.getDataAttendance/v1 |
|  | **▪ Revision** | | 0 |
|  | **▪ Date** | | January 12th, 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 instruction.device.fingerprintAttendance.solution.x601.getDataAttendance (version 1)",

"type": "object",

"properties": {

"metadata": {

"type": "object",

"properties": {

"API": {

"type": "object",

"properties": {

"key": {

"type": "string",

"enum": [ "instruction.device.fingerprintAttendance.solution.x601.getDataAttendance" ]

},

"version": {

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

"minimum": 1,

"minLength": 1

}

},

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

}

},

"required": [ "API" ]

},

"data": {

"type": "object",

"properties": {

"entities" : {

"type": "object",

"properties": {

"IPAddress": {

"type": [ "string" ],

"minLength": 7,

"maxLength": 15

},

"port": {

"type": [ "integer" ],

"minimum": 0,

"maximum": 65353

},

"serialNumber": {

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

"maxLength": 128

},

"timeZoneOffset": {

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

"maxLength": 3

},

"startDateTime": {

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

"maxLength": 26

}

},

"required": [ "IPAddress", "port", "serialNumber", "timeZoneOffset", "startDateTime" ]

}

},

"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...>**,

**'instruction.device.fingerprintAttendance.solution.x601.getDataAttendance'**,

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

[

'entities' => [

'IPAddress' => **<...IP Address...>**,

'port' => **<...Port...>**,

'serialNumber' => **<...Device Serial Number...>**,

'timeZoneOffset' => **<...Time Zone Offset...>**,

'startDateTime' => **<...Start Date Time...>**

]

]

);

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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’, ... |
| ▪ | <...IP Address...> | String | Any String (7 Characters Minimum, 15 Characters Maximum) |
| ▪ | <...Port...> | Integer | Any Integer: 0, 1, ..., 65353 |
| ▪ | <...Device Serial Number...> | String | Any String (128 Characters Maximum) |
| ▪ | <...Time Zone Offset...> | String | Any String (3 Characters Maximum) |
| ▪ | <...Start Date Time...> | String | Any String (26 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\_IPAddress**" value="**<...IP Address...>**">';

<input type="text" id="**dataInput\_Port**" value=**<...Port...>**>';

<input type="text" id="**dataInput\_SerialNumber**" value="**<...Device Serial Number...>**">';

<input type="text" id="**dataInput\_TimeZoneOffset**" value="**<...Time Zone Offset...>**">';

<input type="text" id="**dataInput\_StartDateTime**" value="**<...Start Date Time...>**">';

<script>

function() {

varReturn = null;

try {

varReturn = new zht\_JSAPIRequest(

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

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

"**instruction.device.fingerprintAttendance.solution.x601.getDataAttendance**",

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

{

"entities" : {

"IPAddress" : document.getElementById("**dataInput\_IPAddress**").value,

"port" : parseInt(document.getElementById("**dataInput\_Port**").value),

"serialNumber" : document.getElementById("**dataInput\_SerialNumber**").value,

"timeZoneOffset" : document.getElementById("**dataInput\_TimeZoneOffset**").value,

"startDateTime" : document.getElementById("**dataInput\_StartDateTime**").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’, ... |
| ▪ | <...IP Address...> | String | Any String (7 Characters Minimum, 15 Characters Maximum) |
| ▪ | <...Port...> | Integer | Any Integer: 0, 1, ..., 65353 |
| ▪ | <...Device Serial Number...> | String | Any String (128 Characters Maximum) |
| ▪ | <...Time Zone Offset...> | String | Any String (3 Characters Maximum) |
| ▪ | <...Start Date Time...> | String | Any String (26 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.eyJsb2dnZWRJbkFzIjoidGVndWgucHJhdGFtYSIsImlhdCI6MTYxMDQxNDQ0OH0.JHE364dIld\_m72ZZG\_A2BwDiwY7bYTTNLb-Oj81la6g'**,

**'instruction.device.fingerprintAttendance.solution.x601.getDataAttendance'**,

**'latest'**,

[

'entities' => [

'IPAddress' => **'192.168.1.203'**,

'port' => **4370**,

'serialNumber' => **'AEYU202860040'**,

'timeZoneOffset' => **'+07'**,

'startDateTime' => **'2021-01-01'**

]

]

);

**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\_IPAddress**" value="**192.168.1.203**">';

echo '<input type="text" id="**dataInput\_Port**" value=**4370**>';

echo '<input type="text" id="**dataInput\_SerialNumber**" value="**AEYU202860040**">';

echo '<input type="text" id="**dataInput\_TimeZoneOffset**" value="**+07**">';

echo '<input type="text" id="**dataInput\_StartDateTime**" value="**2021-01-01**">';

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

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

**'eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJsb2dnZWRJbkFzIjoidGVndWgucHJhdGFtYSIsImlhdCI6MTYxMDQxNDQ0OH0.JHE364dIld\_m72ZZG\_A2BwDiwY7bYTTNLb-Oj81la6g'**,

**'instruction.device.fingerprintAttendance.solution.x601.getDataAttendance'**,

**'latest'**,

'{'.

'"entities" : {'.

'"IPAddress" : document.getElementById("**dataInput\_IPAddress**").value, '.

'"port" : parseInt(document.getElementById("**dataInput\_Port**").value), '.

'"serialNumber" : document.getElementById("**dataInput\_SerialNumber**").value, '.

'"timeZoneOffset" : document.getElementById("**dataInput\_TimeZoneOffset**").value, '.

'"startDateTime" : document.getElementById("**dataInput\_StartDateTime**").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.eyJsb2dnZWRJbkFzIjoidGVndWgucHJhdGFtYSIsImlhdCI6MTYxMDQxNDQ0OH0.JHE364dIld\_m72ZZG\_A2BwDiwY7bYTTNLb-Oj81la6g**",

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

"**instruction.device.fingerprintAttendance.solution.x601.getDataAttendance**",

"**latest**",

{

"entities" : {

"IPAddress" : document.getElementById("**dataInput\_IPAddress**").value,

"port" : parseInt(document.getElementById("**dataInput\_Port**").value),

"serialNumber" : document.getElementById("**dataInput\_SerialNumber**").value,

"timeZoneOffset" : document.getElementById("**dataInput\_TimeZoneOffset**").value,

"startDateTime" : document.getElementById("**dataInput\_StartDateTime**").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":"instruction.device.fingerprintAttendance.solution.x601.getDataAttendance",

"version":"1"

}

},

"data":[

{

"ID":347,

"dateTimeTZ":"2021-01-01 04:27:41.000000 +07",

"signVerified":1,

"signStatus":0

},

{

"ID":119,

"dateTimeTZ":"2021-01-01 07:10:53.000000 +07",

"signVerified":1,

"signStatus":"0

},

...,

{

"ID":30,

"dateTimeTZ":"2021-01-12 11:27:41.000000 +07",

"signVerified":15,

"signStatus":0

}

}

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

[

"metadata" => [

"HTTPStatusCode" => 200,

"APIResponse" => [

"key" => "instruction.device.fingerprintAttendance.solution.x601.getDataAttendance",

"version" => "1"

]

],

"data" => [

[0] => [

"ID" => 347,

"dateTimeTZ" => "2021-01-01 04:27:41.000000 +07",

"signVerified" => 1,

"signStatus" => 0

],

[1] => [

"ID" => 119,

"dateTimeTZ" => "2021-01-01 07:10:53.000000 +07",

"signVerified" => 1,

"signStatus" => 0

],

...,

[526] => [

"ID" => 30,

"dateTimeTZ" => "2021-01-12 11:27:41.000000 +07",

"signVerified" => 15,

"signStatus" => 0

]

]

]

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

**Invalid API Web Token ▷**



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



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