Webtech API

# Webtech API

Base URLs:

* WebtechID API:

# Authentication

* HTTP Authentication, scheme: bearer

# Default

## POST Auth - Register

POST /api/register

Endpoint untuk daftar akun.

Membutuhkan captcha di header X\_CAPTCHA atau pada body dengan field \_captcha.

Body Parameters

name: Agus  
email: agus@mail.com  
username: agus  
password: AgusLapar123  
date\_of\_birth: 11/02/1999  
phone\_number: "088"  
profile\_picture: string

### Params

| Name | Location | Type | Required | Description |
| --- | --- | --- | --- | --- |
| Accept | header | string | yes | none |
| X\_CAPTCHA | header | string | yes | none |
| body | body | object | no | none |
| » name | body | string | yes | none |
| » email | body | string | yes | none |
| » username | body | string | yes | none |
| » password | body | string | yes | none |
| » date\_of\_birth | body | string | yes | none |
| » phone\_number | body | string | yes | none |
| » profile\_picture | body | string(binary) | yes | none |

Response Examples

Success

{  
 "data": {  
 "token": "4|BOkgex14FE8KTywn0MlivPBXAG1jdHsptAFs9GHLd080e1c3",  
 "user": {  
 "name": "Agus",  
 "username": "agus",  
 "email": "agus@mail.com",  
 "date\_of\_birth": "2009-11-01T00:00:00.000000Z",  
 "phone\_number": "089",  
 "profile\_picture": "uploads/pp/9Mg9GVNykagZI6Kg.png",  
 "updated\_at": "2024-08-30T00:02:17.000000Z",  
 "created\_at": "2024-08-30T00:02:17.000000Z",  
 "id": 2  
 }  
 }  
}

### Responses

| HTTP Status Code | Meaning | Description | Data schema |
| --- | --- | --- | --- |
| 201 | [Created](https://tools.ietf.org/html/rfc7231#section-6.3.2) | Success | Inline |

### Responses Data Schema

HTTP Status Code **201**

| Name | Type | Required | Restrictions | Title | description |
| --- | --- | --- | --- | --- | --- |
| » data | object | true | none |  | none |
| »» token | string | true | none |  | none |
| »» user | object | true | none |  | none |
| »»» name | string | true | none |  | none |
| »»» username | string | true | none |  | none |
| »»» email | string | true | none |  | none |
| »»» date\_of\_birth | string | true | none |  | none |
| »»» phone\_number | string | true | none |  | none |
| »»» profile\_picture | string | true | none |  | none |
| »»» updated\_at | string | true | none |  | none |
| »»» created\_at | string | true | none |  | none |
| »»» id | integer | true | none |  | none |

## POST Auth - Login

POST /api/login

Endpoint untuk daftar akun.

Terdapat token pada body (token) untuk token autentikasi.

Membutuhkan captcha di header X\_CAPTCHA atau pada body dengan field \_captcha.

Body Parameters

email: agus@mail.com  
password: AgusLapar123

### Params

| Name | Location | Type | Required | Description |
| --- | --- | --- | --- | --- |
| Accept | header | string | yes | none |
| X\_CAPTCHA | header | string | yes | none |
| body | body | object | no | none |
| » email | body | string | yes | none |
| » password | body | string | yes | none |

Response Examples

Success

{  
 "data": {  
 "token": "5|0lTDqkp5HZ1JMylEB8YSMVTpaYot0Oi14Xe8ua8v8505dc35",  
 "user": {  
 "id": 2,  
 "name": "Agus",  
 "email": "agus@mail.com",  
 "email\_verified\_at": null,  
 "created\_at": "2024-08-30T00:02:17.000000Z",  
 "updated\_at": "2024-08-30T00:02:17.000000Z",  
 "date\_of\_birth": "2009-11-01T00:00:00.000000Z",  
 "phone\_number": "089",  
 "profile\_picture": "uploads/pp/9Mg9GVNykagZI6Kg.png",  
 "role": "user",  
 "username": "agus"  
 }  
 }  
}

Failed - Validation

{  
 "error": {  
 "code": 400,  
 "reason": "ValidationError",  
 "message": "The email field is required.",  
 "errors": {  
 "email": [  
 "The email field is required."  
 ]  
 }  
 }  
}

Failed - Wrong Credentials

{  
 "error": {  
 "code": 401,  
 "message": "wrong email and password combination!"  
 }  
}

### Responses

| HTTP Status Code | Meaning | Description | Data schema |
| --- | --- | --- | --- |
| 200 | [OK](https://tools.ietf.org/html/rfc7231#section-6.3.1) | Success | Inline |
| 400 | [Bad Request](https://tools.ietf.org/html/rfc7231#section-6.5.1) | Failed - Validation | Inline |
| 401 | [Unauthorized](https://tools.ietf.org/html/rfc7235#section-3.1) | Failed - Wrong Credentials | Inline |

### Responses Data Schema

HTTP Status Code **200**

| Name | Type | Required | Restrictions | Title | description |
| --- | --- | --- | --- | --- | --- |
| » data | object | true | none |  | none |
| »» token | string | true | none |  | none |
| »» user | object | true | none |  | none |
| »»» id | integer | true | none |  | none |
| »»» name | string | true | none |  | none |
| »»» email | string | true | none |  | none |
| »»» email\_verified\_at | null | true | none |  | none |
| »»» created\_at | string | true | none |  | none |
| »»» updated\_at | string | true | none |  | none |
| »»» date\_of\_birth | string | true | none |  | none |
| »»» phone\_number | string | true | none |  | none |
| »»» profile\_picture | string | true | none |  | none |
| »»» role | string | true | none |  | none |
| »»» username | string | true | none |  | none |

HTTP Status Code **400**

| Name | Type | Required | Restrictions | Title | description |
| --- | --- | --- | --- | --- | --- |
| » error | object | true | none |  | none |
| »» code | integer | true | none |  | none |
| »» reason | string | true | none |  | none |
| »» message | string | true | none |  | none |
| »» errors | object | true | none |  | none |
| »»» email | [string] | true | none |  | none |

HTTP Status Code **401**

| Name | Type | Required | Restrictions | Title | description |
| --- | --- | --- | --- | --- | --- |
| » error | object | true | none |  | none |
| »» code | integer | true | none |  | none |
| »» message | string | true | none |  | none |

## GET Auth - Logout

GET /api/logout

Response Examples

200 Response

{}

### Responses

| HTTP Status Code | Meaning | Description | Data schema |
| --- | --- | --- | --- |
| 200 | [OK](https://tools.ietf.org/html/rfc7231#section-6.3.1) | Success | Inline |

### Responses Data Schema

## GET Captcha - Generate

GET /api/captcha

Endpoint untuk generate captcha. Captcha adalah pertambahan sederhana dari angka 0-20 secara acak.

Response Examples

Success

{  
 "data": {  
 "token": "JhYXviCfvxP8U3fiEA7buw==",  
 "challenge": "19 + 4"  
 }  
}

### Responses

| HTTP Status Code | Meaning | Description | Data schema |
| --- | --- | --- | --- |
| 200 | [OK](https://tools.ietf.org/html/rfc7231#section-6.3.1) | Success | Inline |

### Responses Data Schema

HTTP Status Code **200**

| Name | Type | Required | Restrictions | Title | description |
| --- | --- | --- | --- | --- | --- |
| » data | object | true | none |  | none |
| »» token | string | true | none |  | none |
| »» challenge | string | true | none |  | none |

## POST Captcha - Validate

POST /api/captcha

Endpoint untuk validasi captcha. Token dan challenge harus didapatkan terlebih dulu dari GET /api/captcha, seletah itu include header X\_CAPTCHA dengan format {token}-{answer}. Atau bisa juga dimasukkan pada body dengan nama field \_captcha.

### Params

| Name | Location | Type | Required | Description |
| --- | --- | --- | --- | --- |
| X\_CAPTCHA | header | string | yes | none |
| Accept | header | string | yes | none |

Response Examples

Success

{  
 "message": "success"  
}

### Responses

| HTTP Status Code | Meaning | Description | Data schema |
| --- | --- | --- | --- |
| 200 | [OK](https://tools.ietf.org/html/rfc7231#section-6.3.1) | Success | Inline |

### Responses Data Schema

HTTP Status Code **200**

| Name | Type | Required | Restrictions | Title | description |
| --- | --- | --- | --- | --- | --- |
| » message | string | true | none |  | none |

# Data Schema