API Documentation IDP Project - Training Application

Arine Fitriani

A.1. Register

POST /api/user-register/

"data": {

"id": 5,

```
Request
           Register > Kotak Masuk x
           Admin <fitriarine19@gmail.com>
           kepada saya 🕶
          Halo ARINE FITRIANI Selamat bergabung
          Harap konfirmasikan email kamu dengan memasukan kode dibawah ini
          kode: http://localhost:8181/api/user-register/web/index/306450
          ***
          Jika kamu butuh bantuan atau pertanyaan, hubungi customer care kami di .... atau kirim email ke ....
          Semoga harimu menyenangkan!
          PT ABC.
 ← → C (i) localhost:8181/api/user-register/web/index/306450
Congratulations, arine.fitriani@gmail.com, you have successfully registered.
Copyright 2022
Response
```

```
"username": "arine.fitriani@gmail.com",
    "username1": null,
    "fullname": "Arine Fitriani",
    "otp": "306450",
    "otpExpiredDate": "2023-12-10T10:26:18.600+00:00",
    "roles": [ ...
    ],
    "authorities": [ ...
    ]
},
"message": "sukses",
"status": "200"
}
```

A.2. Send-OTP Email: digunakan saat register

POST /api/user-register/send-otp

```
Request
{
    "username" : "arine.fitriani@gmail.com"
}
```

```
Response

{
    "data": "Thanks, please check your email for activation.",
    "message": "sukses",
    "status": "200"
}
```



Admin <fitriarine19@gmail.com> kepada saya ▼

Halo ARINE FITRIANI Selamat bergabung

Harap konfirmasikan email kamu dengan memasukan kode dibawah ini

kode: 306450

Jika kamu butuh bantuan atau pertanyaan, hubungi customer care kami di atau kirim email ke

Semoga harimu menyenangkan!

PT ABC.

GET /api/user-register/register-confirm-otp/token

```
Request
```

```
"username" : "arine.fitriani@gmail.com"
}
```

```
Response

{
    "data": "Sukses, Silahkan Melakukan Login",
    "message": "sukses",
    "status": "200"
}
```

B.1. Login

POST /api/user-login/login

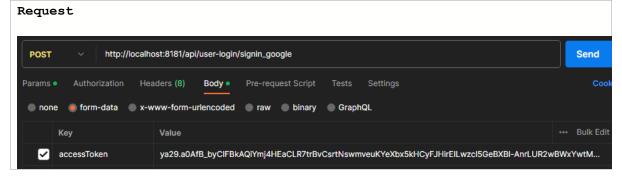
```
Request
{
    "username": "arine.fitriani@gmail.com",
    "password": "password"
}
```

```
Response

{
    "access_token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9..........................",
    "refresh_token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.................",
    "scope": "read write",
    "token_type": "bearer",
    "expires_in": 28799,
    "jti": "0205c19a-fe44-4cb3-9aba-59d128a9435c"
}
```

B.2. Login with Google + OAuth 2.0

POST /api/user-login/signin_google



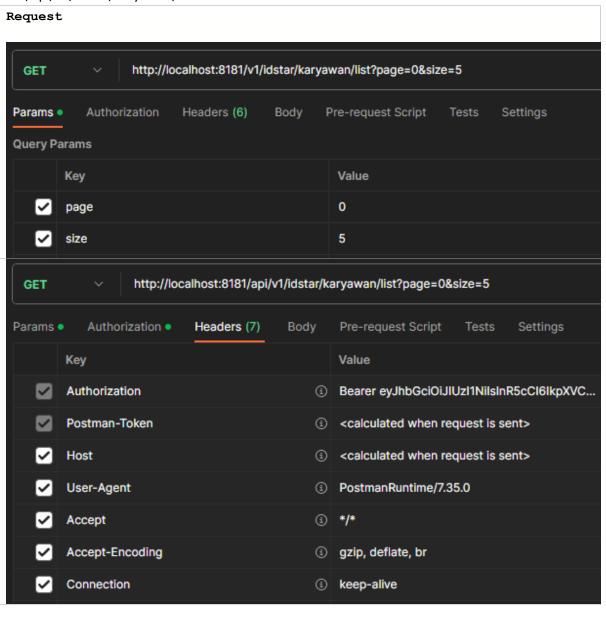
```
Response

{
    "access_token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9..........................",
    "refresh_token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9..................",
    "scope": "read write",
```

```
"token_type": "bearer",
    "message": "sukses",
    "type": "login",
    "expires_in": 28799,
    "jti": "6cfb8f50-b4d9-4917-a18f-214f03a34cd2",
    "status": "200"
}
```

C.1. Get All Karyawan with Token

GET /api/v1/idstar/karyawan/list



```
Response
{
    "code": 200,
    "data": {
```

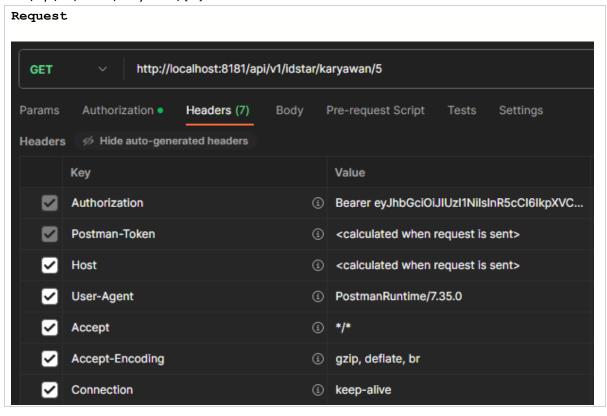
```
"created date": "2023-12-02T00:00:00.000+0700",
"updated date": "2023-12-02T00:00:00.000+0700",
"nama": "syarini",
"detailKaryawan": {
    "updated_date": "2023-12-02T00:00:00.000+0700",
    "id": 2,
   "nik": "123455",
   "npwp": "12345677"
"updated date": "2023-12-02T00:00:00.000+0700",
"id": 3,
"nama": "syarini",
    "updated date": "2023-12-02T00:00:00.000+0700",
   "nik": "123455",
   "npwp": "12345677"
"updated date": "2023-12-02T00:00:00.000+0700",
"deleted date": null,
"alamat": "jakarta",
"status": "active",
    "updated date": "2023-12-02T00:00:00.000+0700",
   "id": 4,
```

```
"npwp": "12345677"
    "updated date": "2023-12-03T11:06:22.617+0700",
    "id": 5,
    "dob": "1999-01-01T00:00:00.000+00:00",
        "created date": "2023-12-02T00:00:00.000+0700",
        "updated_date": "2023-12-02T00:00:00.000+0700",
        "nik": "",
        "npwp": "12345677"
    "created date": "2023-12-02T23:23:12.420+0700",
    "updated date": "2023-12-02T23:24:28.433+0700",
    "alamat": "jakarta",
    "detailKaryawan": {
        "updated date": "2023-12-03T11:06:22.637+0700",
        "nik": "123455890",
        "npwp": "12345677789"
   "empty": false,
    "unsorted": false
"paged": true,
```

```
"unpaged": false
},
    "last": false,
    "totalElements": 6,
    "totalPages": 2,
    "size": 5,
    "number": 0,
    "sort": {
        "empty": false,
        "sorted": true,
        "unsorted": false
},
    "first": true,
    "numberOfElements": 5,
    "empty": false
},
    "status": "sukses"
}
```

C.2. Get Karyawan by Id with Token

GET /api/v1/idstar/karyawan/{id}



```
Response
{
    "code": 200,
    "data": {
        "created_date": "2023-12-02T00:00:00.000+0700",
```

```
"updated_date": "2023-12-03T11:06:22.617+0700",
    "deleted_date": null,
    "id": 5,
    "nama": "Arine Fitriani",
    "dob": "1999-01-01T00:00:00.000+00:00",
    "alamat": "jakarta",
    "status": "active",
    "detailKaryawan": {
        "created_date": "2023-12-02T00:00:00.000+0700",
        "updated_date": "2023-12-02T00:00:00.000+0700",
        "deleted_date": null,
        "id": 5,
        "nik": "",
        "npwp": "12345677"
    }
},
"status": "sukses"
}
```

C.3. Delete Karyawan with Token

DELETE /api/v1/idstar/karyawan/delete

```
Request
{
    "id" : 2
}
```

DELETE V http://localhost:8181/api/v1/idstar/karyawan/delete				
Params	Authorization •	Headers (9)	Body •	Pre-request Script Tests Settings
Headers Mide auto-generated headers				
	Key			Value
	Authorization		(i)	Bearer eyJhbGciOiJIUzl1NilsInR5cCl6lkpXVC
	Postman-Token		(i)	<calculated is="" request="" sent="" when=""></calculated>
\checkmark	Content-Type		(i)	application/json
\checkmark	Content-Length		(i)	<calculated is="" request="" sent="" when=""></calculated>
\checkmark	Host		①	<calculated is="" request="" sent="" when=""></calculated>
\checkmark	User-Agent		(1)	PostmanRuntime/7.35.0
✓	Accept		(1)	*/*
✓	Accept-Encoding		①	gzip, deflate, br
✓	Connection		(1)	keep-alive

```
Response

{
    "code": 200,
    "data": "Sukses",
    "status": "sukses"
}
```

D.1. Forget Password – Send Email

POST /api/forget-password/send

```
Request

{
    "username":"arine.fitriani@gmail.com"
}
```

```
Response

{
    "data": "success",
    "message": "sukses",
    "status": "200"
}
```

```
Admin <fitriarine19@gmail.com>
kepada saya ▼

If you Requested a password for <a href="mailto:arine.fitriani@gmail.com">arine.fitriani@gmail.com</a>, use the confirmation code below to complete the process. If you didn't make this request, ignore the email.

Code: 306450

Regards

PT ABC
```

D.2. Forget Password - Validate by OTP

POST /api/forget-password/validate

```
Request
{
    "username": "arine.fitriani@gmail.com",
    "otp": "306450"
}
```

```
Response

{
    "data": "Success",
    "message": "sukses",
    "status": "200"
}
```

D.3. Forget Password - Change Password

POST /api/forget-password/change-password

```
Request
{
    "username": "arine.fitriani@gmail.com",
    "otp": "306450",
    "newPassword": "newpassword"
}
```

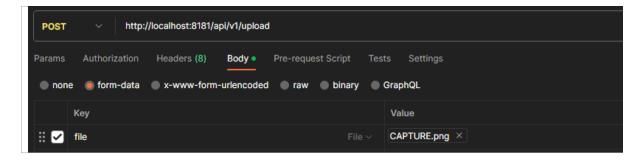
```
Response

{
    "data": "success",
    "message": "sukses",
    "status": "200"
}
```

E.1. Upload File

POST /api/v1/upload

```
Request
```

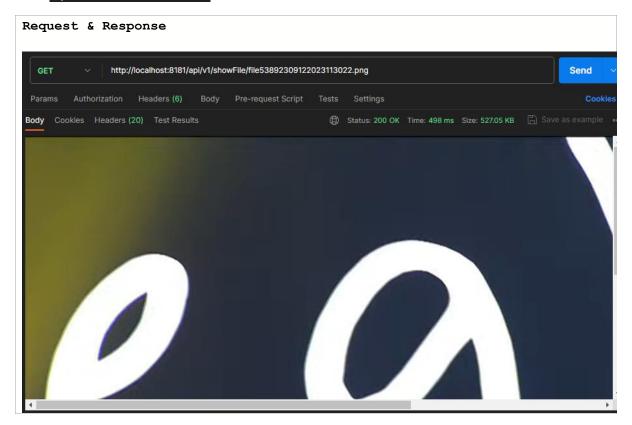


```
Response

{
    "fileName": "file53892309122023113022.png",
    "fileDownloadUri": "http://localhost:8181/api/v1/showFile/file538923091220231
13022.png",
    "fileType": "image/png",
    "size": 538923,
    "eror": "false"
}
```

E.2. Show File

POST /api/v1/showFile/{fileName:.+}



1. Insert Karyawan & Detail

POST /api/v1/idstar/karyawan/save

```
{
    "nama": "syarini",
    "dob": "1996-01-01",
    "status": "active",
    "alamat": "jakarta",
    "detailKaryawan": {
        "nik": "123455",
        "npwp": "12345677"
        }
}
```

```
Exception

{
    "code": 400,
    "data": null,
    "status": "Error, nama: must not be blank"
}

{
    "code": 400,
    "data": null,
    "status": "Error, nik: must not be blank"
}
```

2. Update Karyawan & Detail

PUT /api/v1/idstar/karyawan/update

```
Request

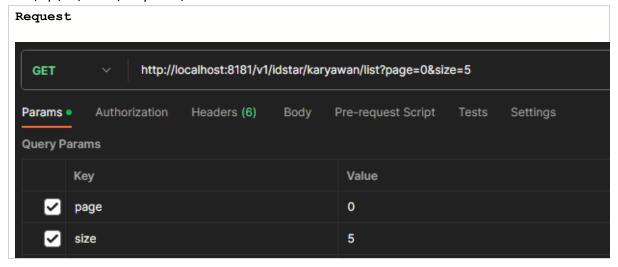
{
    "id": 6,
    "nama": "syarini ubah",
    "dob": "1996-01-01T00:00:00.000+00:00",
    "status": "active",
    "alamat": "jakarta",
    "detailKaryawan": {
        "id": 6,
        "nik": "123455890",
        "npwp": "12345677789"
    }
}
```

```
{
    "code": 404,
    "data": null,
    "status": "Error, id_karyawan: not found"
}
```

```
"code": 404,
  "data": null,
  "status": "Error, detail_karyawan: not found"
}
```

3. Get All Karyawan

GET /api/v1/idstar/karyawan/list



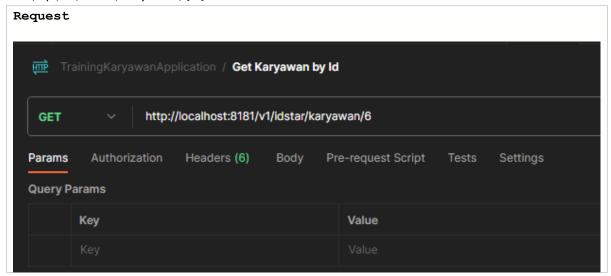
```
"updated date": "2023-12-02T00:00:00.000+0700",
"status": "active",
    "updated date": "2023-12-02T00:00:00.000+0700",
   "id": 3,
   "nik": "123455",
   "npwp": "12345677"
"created date": "2023-12-02T00:00:00.000+0700",
"updated date": "2023-12-02T00:00:00.000+0700",
    "updated date": "2023-12-02T00:00:00.000+0700",
   "id": 4,
   "npwp": "12345677"
"updated_date": "2023-12-02T00:00:00.000+0700",
"id": 5,
"detailKaryawan": {
   "updated date": "2023-12-02T00:00:00.000+0700",
    "id": 5,
   "nik": "",
```

```
"npwp": "12345677"
        "updated_date": "2023-12-02T23:24:28.433+0700",
            "updated date": "2023-12-02T23:24:28.434+0700",
            "npwp": "12345677789"
"pageable": {
        "empty": false,
"totalPages": 1,
   "empty": false,
"first": true,
"empty": false
```

Exception

4. Get Karyawan by Id

GET /api/v1/idstar/karyawan/{id}



```
Exception
{
    "code": 404,
```

```
"data": null,
    "status": "Error, id_karyawan: not found"
}
```

5. Delete Karyawan

DELETE /api/v1/idstar/karyawan/delete

```
Request
{
    "id" : 1
}
```

```
Response

{
    "code": 200,
    "data": "Sukses",
    "status": "sukses"
}
```

```
{
    "code": 404,
    "data": null,
    "status": "Error, id_karyawan: not found"
}
```

6. Insert Rekening

POST /api/v1/idstar/rekening/save

```
Request

{
    "nama": "Riki Aldi Pari",
    "jenis": "BCA",
    "rekening": "12345678",
    "alamat": "jakarta",
    "karyawan": {
        "id": 3
    }
}
```

```
Response
{
    "code": 200,
    "data": {
```

```
"created_date": "2023-12-02T18:23:07.819+00:00",
    "deleted_date": null,
    "updated_date": "2023-12-02T18:23:07.819+00:00",
    "id": 2,
    "nama": "Riki Aldi Pari",
    "jenis": "BCA",
    "rekening": "12345678",
    "alamat": "jakarta",
    "karyawan": {
        "id": 3,
        "nama": "syarini"
    }
},
    "status": "sukses"
}
```

```
Exception

{
    "code": 404,
    "data": null,
    "status": "Error, id_karyawan: not found"
}
```

7. Update Rekening

PUT /api/v1/idstar/rekening/update

```
Request

{
    "id": "2",
    "nama": "Riki Aldi Pari",
    "jenis": "BCA",
    "rekening": "12345678",
    "alamat": "jakarta",
    "karyawan": {
        "id": "3"
    }
}
```

```
Response

{
    "code": 200,
    "data": {
        "created_date": "2023-12-02T18:23:07.819+00:00",
        "deleted_date": null,
        "updated_date": "2023-12-03T02:58:40.676+00:00",
        "id": 2,
        "nama": "Riki Aldi Pari",
```

```
"jenis": "BCA",
    "rekening": "12345678",
    "alamat": "jakarta",
    "karyawan": {
        "id": 3,
        "nama": "syarini"
    }
},
    "status": "sukses"
}
```

```
Exception

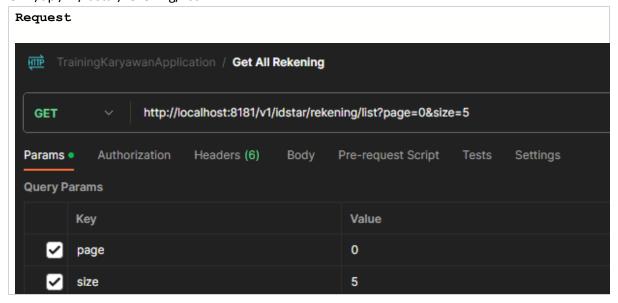
{
    "code": 400,
    "data": null,
    "status": "Error, id: must not be blank"
}

{
    "code": 404,
    "data": null,
    "status": "Error, id_karyawan: not found"
}

{
    "code": 403,
    "data": null,
    "status": "Error, data tidak sesuai"
}
```

8. Get All Rekening

GET /api/v1/idstar/rekening/list



Response

```
"deleted date": null,
        "updated date": "2023-12-03T02:57:54.788+00:00",
        "rekening": "12345678",
        "updated date": "2023-12-03T02:58:40.676+00:00",
        "nama": "Riki Aldi Pari",
        "karyawan": {
           "id": 3,
        "updated date": "2023-12-03T03:02:03.529+00:00",
        "rekening": "12345678",
"pageable": {
```

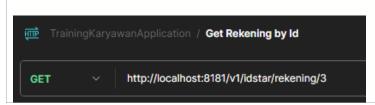
```
"sort": {
          "empty": false,
          "sorted": true,
          "unsorted": false
     },
     "offset": 0,
     "pageNumber": 0,
     "pageSize": 5,
     "unpaged": false,
          "paged": true
},
     "last": true,
     "totalPages": 1,
     "totalElements": 3,
     "size": 5,
     "number": 0,
     "sort": {
          "empty": false,
          "sorted": true,
          "unsorted": false
},
     "first": true,
     "numberOfElements": 3,
     "empty": false
},
     "status": "sukses"
}
```

Exception

9. Get Rekening by Id

GET /api/v1/idstar/rekening/{id}

Request



```
Response

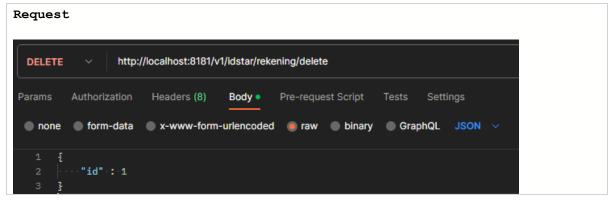
{
    "code": 200,
    "data": {
        "created_date": "2023-12-03T03:02:03.529+00:00",
        "deleted_date": null,
        "updated_date": "2023-12-03T03:02:03.529+00:00",
```

```
"id": 3,
    "nama": "Syarini",
    "jenis": "BCA",
    "rekening": "12345678",
    "alamat": "jakarta",
    "karyawan": {
        "id": 4,
        "nama": "syarini"
    }
},
    "status": "sukses"
}
```

```
{
    "code": 404,
    "data": null,
    "status": "Error, id_rekening: not found"
}
```

10. Delete Rekening

DELETE /api/v1/idstar/rekening/delete



```
Response
{
    "code": 200,
    "data": "Sukses",
    "status": "sukses"
}
```

```
{
    "code": 404,
    "data": null,
    "status": "Error, id_rekening: not found"
```

11. Insert Training

POST /api/v1/idstar/training/save

```
Request
{
    "tema": "JAVA DEVELOPER",
    "pengajar": "RIKI ALDI PARI"
}
```

```
Response

{
    "code": 200,
    "data": {
        "created_date": "2023-12-03T11:25:26.098+0700",
        "updated_date": "2023-12-03T11:25:26.098+0700",
        "deleted_date": null,
        "id": 1,
        "pengajar": "RIKI ALDI PARI",
        "tema": "JAVA DEVELOPER"
    },
    "status": "sukses"
}
```

```
Exception
```

```
"code": 400,
  "data": null,
  "status": "Error, tema: must not be blank"
}
```

12. Update Training

PUT /api/v1/idstar/training/update

```
Request

{
    "id": "1",
    "tema": "JAVA DEVELOPER",
    "pengajar": "RIKI ALDI PARI"
}
```

```
Response {
```

```
"code": 200,
"data": {
    "created_date": "2023-12-03T11:25:26.098+0700",
    "updated_date": "2023-12-03T15:42:46.118+0700",
    "deleted_date": null,
    "id": 1,
    "pengajar": "RIKI ALDI PARI",
    "tema": "JAVA DEVELOPER"
    },
    "status": "sukses"
}
```

Exception

```
{
    "code": 404,
    "data": null,
    "status": "Error, data training tidak ditemukan"
}
```

```
{
   "code": 400,
   "data": null,
   "status": "Error, id: must not be blank"
}
```

13. Get All Trainings

GET /api/v1/idstar/training/list

Request http://localhost:8181/v1/idstar/training/list?page=0&size=5 **GET** Authorization Headers (6) Pre-request Script Params • Body Tests Settings **Query Params** Value Key 0 page 5 size

```
Response

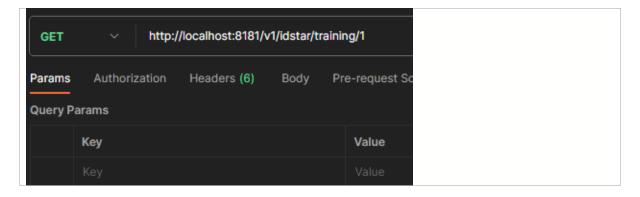
{
    "code": 200,
    "data": {
        "content": [
```

```
"updated_date": "2023-12-03T15:42:46.118+0700",
        "pengajar": "RIKI ALDI PARI",
"pageable": {
        "empty": false,
    "pageNumber": 0,
    "paged": true,
"totalPages": 1,
"size": 5,
    "empty": false,
"empty": false
```

14. Get Training by Id

GET /api/v1/idstar/training/{id}

```
Request
```



```
Response

{
    "code": 200,
    "data": {
        "created_date": "2023-12-03T11:25:26.098+0700",
        "updated_date": "2023-12-03T15:42:46.118+0700",
        "deleted_date": null,
        "id": 1,
        "pengajar": "RIKI ALDI PARI",
        "tema": "JAVA DEVELOPER"
    },
    "status": "sukses"
}
```

```
{
    "code": 404,
    "data": null,
    "status": "Error, data training tidak ditemukan"
}
```

15. Delete Training

DELETE /api/v1/idstar/training/delete

```
DELETE  
http://localhost:8181/v1/idstar/training/delete

Params Authorization Headers (8) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON 

1 {
2 | .... "id": 1
3 }
```

```
{
    "code": 200,
    "data": "Sukses",
    "status": "sukses"
}
```

```
Exception

{
    "code": 404,
    "data": null,
    "status": "Error, data training tidak ditemukan"
}
```

16. Insert Karyawan Training

POST /api/v1/idstar/karyawan-training/save

```
Request

{
    "karyawan":{
        "id":"6"
    },
    "training":{
        "id":"2"
    },
    "tanggal":"2023-01-01 13:00:00"
}
```

```
Response

{
    "code": 200,
    "data": {
        "created_date": "2023-12-03T19:03:36.161+0700",
        "updated_date": "2023-12-03T19:03:36.161+0700",
        "deleted_date": null,
        "id": 7,
        "tanggal": "2023-01-01 13:00:00",
         "karyawan": {
            "created_date": "2023-12-02T23:23:12.420+0700",
            "updated_date": "2023-12-02T23:24:28.433+0700",
            "deleted_date": null,
            "id": 6,
            "nama": "syarini ubah",
            "dob": "1996-01-01T00:00:00.000+00:00",
            "alamat": "jakarta",
            "status": "active",
            "detailKaryawan": {
```

```
Exception

{
    "code": 404,
    "data": null,
    "status": "Error, data karyawan tidak ditemukan"
}

{
    "code": 404,
    "data": null,
    "status": "Error, data training tidak ditemukan"
}

{
    "code": 400,
    "data": null,
    "status": "Error, id: must not be blank"
}
```

17. Update Karyawan Training

PUT /api/v1/idstar/karyawan-training/update

```
Request
{
    "id":7,
    "karyawan":{
```

```
"id":"6"
},
"training":{
    "id":"2"
},
"tanggal":"2023-01-01 15:00:00"
}
```

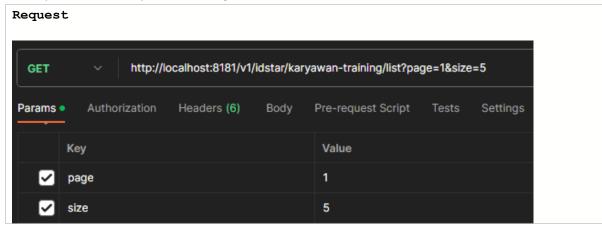
Response

```
"data": {
   "updated date": "2023-12-03T20:12:48.989+0700",
    "karyawan": {
        "updated_date": "2023-12-02T23:24:28.433+0700",
       "detailKaryawan": {
           "updated date": "2023-12-03T11:06:22.637+0700",
            "deleted date": null,
            "npwp": "12345677789"
        "updated_date": "2023-12-03T16:51:03.262+0700",
       "id": 2,
       "pengajar": "RIKI ALDI PARI",
"status": "sukses"
```

```
"code": 404,
  "data": null,
  "status": "Error, data karyawan training tidak ditemukan"
}
```

18. Get All Karyawan Training

GET /api/v1/idstar/karyawan-training/list

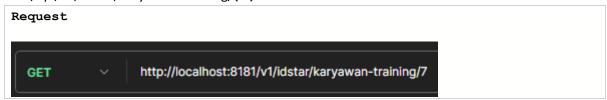



```
"created date": "2023-12-03T16:51:03.262+0700",
            "updated date": "2023-12-03T16:51:03.262+0700",
        "updated_date": "2023-12-03T19:03:36.161+0700",
        "deleted date": null,
            "updated date": "2023-12-02T23:24:28.433+0700",
            "alamat": "jakarta",
                "updated date": "2023-12-03T11:06:22.637+0700",
                "nik": "123455890",
                "npwp": "12345677789"
            "updated date": "2023-12-03T16:51:03.262+0700",
            "id": 2,
            "pengajar": "RIKI ALDI PARI",
"pageable": {
        "empty": false,
        "unsorted": false
```

```
"offset": 5,
    "pageSize": 5,
    "pageNumber": 1,
    "unpaged": false,
    "paged": true
},
    "last": true,
    "totalPages": 2,
    "totalElements": 7,
    "size": 5,
    "number": 1,
    "sort": {
        "empty": false,
        "sorted": true,
        "unsorted": false
},
    "first": false,
    "numberOfElements": 2,
    "empty": false
},
    "status": "sukses"
}
```

19. Get Karyawan Training by Id

GET /api/v1/idstar/karyawan-training/{id}



```
Response

{
    "code": 200,
    "data": {
        "created_date": "2023-12-03T19:03:36.161+0700",
        "updated_date": "2023-12-03T19:03:36.161+0700",
        "deleted_date": null,
        "id": 7,
        "tanggal": "2023-01-01 13:00:00",
         "karyawan": {
              "created_date": "2023-12-02T23:23:12.420+0700",
              "updated_date": "2023-12-02T23:24:28.433+0700",
              "deleted_date": null,
              "id": 6,
              "nama": "syarini ubah",
              "dob": "1996-01-01T00:00:00.000+00:00",
              "alamat": "jakarta",
              "status": "active",
```

```
"detailKaryawan": {
        "created_date": "2023-12-02T23:23:12.385+0700",
        "updated_date": "2023-12-03T11:06:22.637+0700",
        "deleted_date": null,
        "id": 6,
        "nik": "123455890",
        "npwp": "12345677789"
    }
},
"training": {
        "created_date": "2023-12-03T16:51:03.262+0700",
        "updated_date": "2023-12-03T16:51:03.262+0700",
        "deleted_date": null,
        "id": 2,
        "pengajar": "RIKI ALDI PARI",
        "tema": "JAVA DEVELOPER"
    }
},
"status": "sukses"
}
```

```
Exception
```

```
"code": 404,
  "data": null,
  "status": "Error, data karyawan training tidak ditemukan"
}
```

20. Delete Karyawan Training

DELETE /api/v1/idstar/karyawan-training/delete

DELETE http://localhost:8181/v1/idstar/karyawan-training/delete Params Authorization Headers (8) Body Pre-request Script none form-data x-www-form-urlencoded raw binary 1 { 2 | ····"id":·1 3 }

```
Response

{
    "code": 200,
```

```
"data": "Sukses",
"status": "sukses"
}
```

```
Exception
```

```
"code": 404,
  "data": null,
  "status": "Error, data karyawan training tidak ditemukan"
}
```