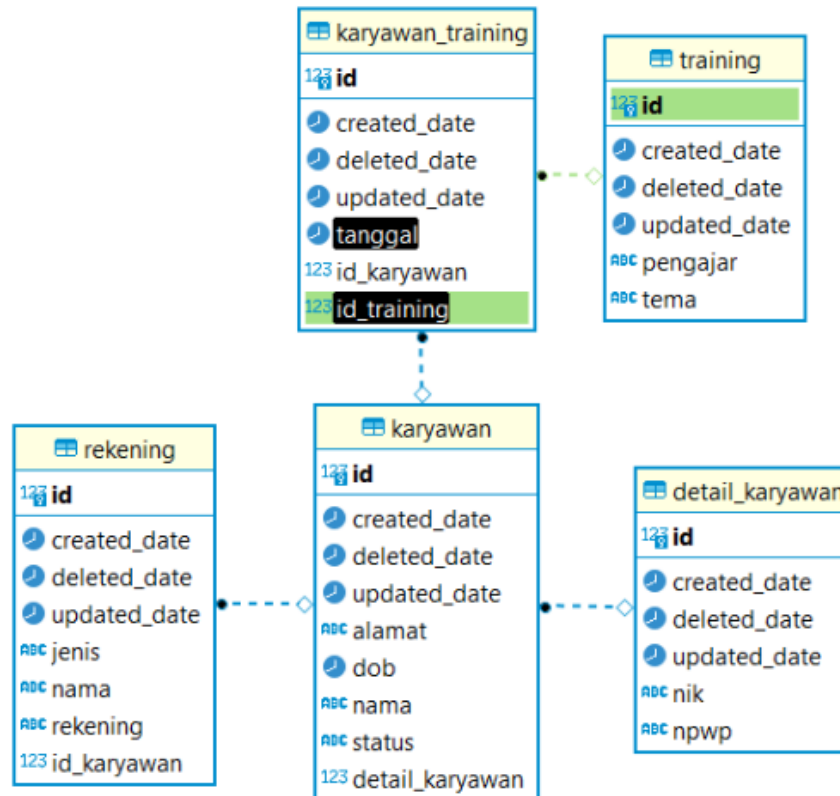


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Penjelasan ERD:

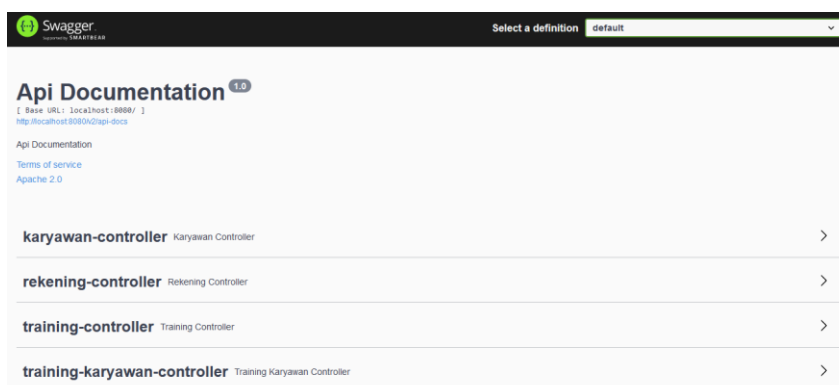
1. Karyawan : detail karyawan -> one to one
2. Karyawan : training -> one to many
3. Karyawan : karyawan training -> one to many
4. Karyawan training : training -> many to one

Metode dokumentasi API

github: <https://github.com/ivanhaikal/springboot-training-karyawan>

Dokumentasi API dengan menggunakan Swagger

<http://localhost:8080/swagger-ui/#/>



Rest API untuk Karyawan + Detail

karyawan-controller Karyawan Controller	
GET	/v1/idstar/karyawan/{id} get
DELETE	/v1/idstar/karyawan/delete delete
GET	/v1/idstar/karyawan/list list
POST	/v1/idstar/karyawan/save save
PUT	/v1/idstar/karyawan/update update

1. Save

request:

```
Curl
curl -X POST "http://localhost:8080/v1/idstar/karyawan/save" -H "accept: */*" -H "Content-Type: application/json" -d "{ \"alamat\": \"Semarang\", \"detailKaryawan\": { \"nik\": \"3374\", \"npwp\": \"1123\", \"dob\": \"1999-12-11\", \"nama\": \"Muhammad Ivan Haikal\", \"status\": \"Single\" }}"

Request URL
http://localhost:8080/v1/idstar/karyawan/save
```

response:

Code	Details
200	<div>Response body<pre>{ "code": 200, "data": { "createdDate": "2023-08-01T11:27:02.049+07:00", "updatedAt": "2023-08-01T11:27:02.049+07:00", "deletedDate": null, "id": 12, "nama": "Muhammad Ivan Haikal", "dob": "1999-12-11T00:00:00+07:00", "status": "Single", "alamat": "Semarang", "detailKaryawan": { "createdDate": "2023-08-01T11:27:02.037+07:00", "updatedAt": "2023-08-01T11:27:02.037+07:00", "deletedDate": null, "id": 12, "nik": "3374", "npwp": "1123" } }, "status": "OK" }</pre>Download</div> <div>Response headers<pre>connection: keep-alive content-type: application/json date: Tue01 Aug 2023 04:27:02 GMT keep-alive: timeout=60 transfer-encoding: chunked</pre></div>

2. Update

request:

```
Curl
curl -X PUT "http://localhost:8080/v1/idstar/karyawan/update" -H "accept: */*" -H "Content-Type: application/json" -d "{ \"alamat\": \"Jakarta\", \"detailKaryawan\": { \"id\": 12, \"nik\": \"7721\", \"npwp\": \"6217\", \"dob\": \"2003-05-21\", \"id\": 12, \"nama\": \"Asep Sugih\", \"status\": \"Menikah\" }}"

Request URL
http://localhost:8080/v1/idstar/karyawan/update
```

response:

Code

Details

200

Response body

```
{
  "code": 200,
  "data": {
    "createdDate": "2023-08-01T11:27:02.049+07:00",
    "updatedDate": "2023-08-01T11:27:02.049+07:00",
    "deletedDate": null,
    "id": 12,
    "nama": "Asep Sugih",
    "dob": "2003-05-21T00:00:00.000+07:00",
    "status": "Menikah",
    "alamat": "Jakarta",
    "detailKaryawan": {
      "createdDate": "2023-08-01T11:27:02.037+07:00",
      "updatedDate": "2023-08-01T11:27:02.037+07:00",
      "deletedDate": null,
      "id": 12,
      "nik": "7721",
      "npwp": "6217"
    }
  },
  "status": "OK"
}
```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Tue01 Aug 2023 04:31:35 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

3. List

request:

Curl

```
curl -X GET "http://localhost:8080/v1/idstar/karyawan/list?page=0&size=10" -H "accept: /*/*"
```

Request URL

```
http://localhost:8080/v1/idstar/karyawan/list?page=0&size=10
```

response:

Code

Details

200

Response body

```
{
  "code": 200,
  "data": {
    "content": [
      {
        "createdDate": "2023-07-31T15:24:38.808+07:00",
        "updatedDate": "2023-07-31T15:24:38.808+07:00",
        "deletedDate": null,
        "id": 2,
        "nama": "Ivan",
        "dob": "1999-12-11T00:00:00.000+07:00",
        "status": "Single",
        "alamat": "Jalan",
        "detailKaryawan": {
          "createdDate": "2023-07-31T15:25:57.057+07:00",
          "updatedDate": "2023-07-31T15:25:57.057+07:00",
          "deletedDate": null,
          "id": 2,
          "nik": "123",
          "npwp": "123"
        }
      },
      {
        "createdDate": "2023-07-31T15:26:23.977+07:00",
        "updatedDate": "2023-07-31T15:26:23.977+07:00",
        "deletedDate": null,
        "id": 3,
        "nama": "Ivan",
      }
    ]
  }
}
```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Tue01 Aug 2023 04:36:20 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

4. Get ID

request:

Curl

```
curl -X GET "http://localhost:8080/v1/idstar/karyawan/12" -H "accept: /*/*"
```

Request URL

```
http://localhost:8080/v1/idstar/karyawan/12
```

response:

Code	Details
200	<p>Response body</p> <pre>{ "code": 200, "data": { "createdAt": "2023-08-01T11:27:02.049+07:00", "updatedAt": "2023-08-01T11:31:35.731+07:00", "deletedDate": null, "id": 12, "nama": "Asep Sugih", "dob": "2003-05-21T00:00:00+07:00", "status": "Menikah", "alamat": "Jakarta", "detailKaryawan": { "createdAt": "2023-08-01T11:27:02.037+07:00", "updatedAt": "2023-08-01T11:31:35.734+07:00", "deletedDate": null, "id": 12, "nik": "7721", "npwp": "6217" } }, "status": "OK" }</pre> <p>Download</p> <p>Response headers</p> <pre>connection: keep-alive content-type: application/json date: Tue01 Aug 2023 04:38:00 GMT keep-alive: timeout=60 transfer-encoding: chunked</pre>

5. Delete

request:

<p>Curl</p> <pre>curl -X DELETE "http://localhost:8080/v1/idstar/karyawan/delete" -H "accept: */*" -H "Content-Type: application/json" -d '{"id": 6}'</pre>
<p>Request URL</p> <pre>http://localhost:8080/v1/idstar/karyawan/delete</pre>

response:

Code	Details
200	<p>Response body</p> <pre>{ "code": 200, "data": "Success delete", "status": "OK" }</pre> <p>Download</p> <p>Response headers</p> <pre>connection: keep-alive content-type: application/json date: Tue01 Aug 2023 04:39:12 GMT keep-alive: timeout=60 transfer-encoding: chunked</pre>

Rest API untuk Rekening

rekening-controller Rekening Controller		⌵
GET	/v1/idstar/rekening/{id}	get
DELETE	/v1/idstar/rekening/delete	delete
GET	/v1/idstar/rekening/list	list
POST	/v1/idstar/rekening/save	save
PUT	/v1/idstar/rekening/update	update

1. Save

request:

<p>Curl</p> <pre>curl -X POST "http://localhost:8080/v1/idstar/rekening/save" -H "accept: */*" -H "Content-Type: application/json" -d '{"jenis": "BCA", "karyawan": { "id": 8 }, "nama": "Steven", "rekening": "828181"}'</pre>
<p>Request URL</p> <pre>http://localhost:8080/v1/idstar/rekening/save</pre>

response:

Code

Details

200

Response body

```
{
  "code": 200,
  "data": {
    "createdAt": "2023-08-01T12:02:31.958+07:00",
    "updatedAt": "2023-08-01T12:02:31.958+07:00",
    "deletedDate": null,
    "id": 1,
    "nama": "Steven",
    "jenis": "BCA",
    "rekening": "828181",
    "karyawan": {
      "id": 8,
      "nama": "syarini"
    }
  },
  "status": "OK"
}
```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Tue01 Aug 2023 05:02:31 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

2. Update

request:

Curl

```
curl -X PUT "http://localhost:8080/v1/idstar/rekening/update" -H "accept: */*" -H "Content-Type: application/json" -d "{ \"id\": 1, \"jenis\": \"Mandiri\", \"karyawan\": { \"id\": 5 }, \"nama\": \"William\", \"rekening\": \"231444\"}"
```

Request URL

```
http://localhost:8080/v1/idstar/rekening/update
```

response:

Code

Details

200

Response body

```
{
  "code": 200,
  "data": {
    "createdAt": "2023-08-01T12:02:31.958+07:00",
    "updatedAt": "2023-08-01T12:03:59.392+07:00",
    "deletedDate": null,
    "id": 1,
    "nama": "William",
    "jenis": "Mandiri",
    "rekening": "231444",
    "karyawan": {
      "id": 5,
      "nama": "Ivan"
    }
  },
  "status": "OK"
}
```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Tue01 Aug 2023 05:04:30 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

3. List

request:

Curl

```
curl -X GET "http://localhost:8080/v1/idstar/rekening/list?page=0&size=10" -H "accept: */*"
```

Request URL

```
http://localhost:8080/v1/idstar/rekening/list?page=0&size=10
```

response:

Code

Details

200

Response body

```
{
  "code": 200,
  "data": {
    "content": [
      {
        "createdDate": "2023-08-01T12:02:31.958+07:00",
        "updatedDate": "2023-08-01T12:04:30.131+07:00",
        "deletedDate": null,
        "id": 1,
        "nama": "William",
        "jenis": "Mandiri",
        "rekening": "231444",
        "karyawan": {
          "id": 5,
          "nama": "Ivan"
        }
      }
    ],
    "pageable": {
      "sort": {
        "empty": true,
        "sorted": false,
        "unsorted": true
      },
      "offset": 0,
      "pageNumber": 0,
      "pageSize": 10,
      "paged": true
    }
  }
}
```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Tue01 Aug 2023 05:05:35 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

4. Get ID

request:

Curl

```
curl -X GET "http://localhost:8080/v1/idstar/rekening/1" -H "accept: */*"
```

Request URL

```
http://localhost:8080/v1/idstar/rekening/1
```

response:

Code

Details

200

Response body

```
{
  "code": 200,
  "data": {
    "createdDate": "2023-08-01T12:02:31.958+07:00",
    "updatedDate": "2023-08-01T12:04:30.131+07:00",
    "deletedDate": null,
    "id": 1,
    "nama": "William",
    "jenis": "Mandiri",
    "rekening": "231444",
    "karyawan": {
      "id": 5,
      "nama": "Ivan"
    }
  },
  "status": "OK"
}
```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Tue01 Aug 2023 05:06:47 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

5. Delete

request:

Curl

```
curl -X DELETE "http://localhost:8080/v1/idstar/rekening/delete" -H "accept: */*" -H "Content-Type: application/json" -d '{"id": 1}'
```

Request URL

```
http://localhost:8080/v1/idstar/rekening/delete
```

response:

Code	Details
200	<div>Response body</div> <pre>{ "code": 200, "data": "Success delete", "status": "OK" }</pre> <div>Download</div> <div>Response headers</div> <pre>connection: keep-alive content-type: application/json date: Tue01 Aug 2023 05:07:43 GMT keep-alive: timeout=60 transfer-encoding: chunked</pre>

Rest API untuk Training

training-controller Training Controller		▼
GET	/v1/idstar/training/{id}	get
DELETE	/v1/idstar/training/delete	delete
GET	/v1/idstar/training/list	list
POST	/v1/idstar/training/save	save
PUT	/v1/idstar/training/update	update

1. Save

request:

Curl
<pre>curl -X POST "http://localhost:8080/v1/idstar/training/save" -H "accept: */*" -H "Content-Type: application/json" -d '{"pengajar": "Mas Riki", "tema": "Springboot sampai mahir melebihi Bill Gates"}'</pre>
Request URL
<pre>http://localhost:8080/v1/idstar/training/save</pre>

response:

Code	Details
200	<div>Response body</div> <pre>{ "code": 200, "data": { "createdDate": "2023-08-01T12:25:43.620+07:00", "updatedDate": "2023-08-01T12:25:43.620+07:00", "deletedDate": null, "id": 1, "tema": "Springboot sampai mahir melebihi Bill Gates", "pengajar": "Mas Riki" }, "status": "OK" }</pre> <div>Download</div> <div>Response headers</div> <pre>connection: keep-alive content-type: application/json date: Tue01 Aug 2023 05:25:43 GMT keep-alive: timeout=60 transfer-encoding: chunked</pre>

2. Update

request:

Curl
<pre>curl -X PUT "http://localhost:8080/v1/idstar/training/update" -H "accept: */*" -H "Content-Type: application/json" -d '{"id": 1, "pengajar": "Mas Riki Aldi", "tema": "Springboot sampai mahir sekali"}'</pre>
Request URL
<pre>http://localhost:8080/v1/idstar/training/update</pre>

response:

Code	Details
200	<div>Response body</div> <pre>{ "code": 200, "data": { "createdAt": "2023-08-01T12:25:43.620+07:00", "updatedAt": "2023-08-01T12:57:05.373+07:00", "deletedDate": null, "id": 1, "tema": "Springboot sampai mahir sekali", "pengajar": "Mas Riki Aldi" }, "status": "OK" }</pre> <div>Download</div> <div>Response headers</div> <pre>connection: keep-alive content-type: application/json date: Tue01 Aug 2023 05:42:38 GMT keep-alive: timeout=60 transfer-encoding: chunked</pre>

3. List

request:

Curl
<pre>curl -X GET "http://localhost:8080/v1/idstar/training/list?page=0&size=10" -H "accept: /*"</pre>
Request URL
<pre>http://localhost:8080/v1/idstar/training/list?page=0&size=10</pre>

response:

Code	Details
200	<div>Response body</div> <pre>{ "code": 200, "data": { "content": [{ "createdAt": "2023-08-01T12:25:43.620+07:00", "updatedAt": "2023-08-01T12:42:38.204+07:00", "deletedDate": null, "id": 1, "tema": "Springboot sampai mahir sekali", "pengajar": "Mas Riki Aldi" }], "pageable": { "sort": { "empty": true, "sorted": false, "unsorted": true }, "offset": 0, "pageSize": 10, "pageNumber": 0, "unpaged": false, "paged": true }, "totalElements": 1, "totalPages": 1, "last": true } }</pre> <div>Download</div> <div>Response headers</div> <pre>connection: keep-alive content-type: application/json date: Tue01 Aug 2023 05:48:47 GMT keep-alive: timeout=60 transfer-encoding: chunked</pre>

4. Get ID

request:

Curl
<pre>curl -X GET "http://localhost:8080/v1/idstar/training/1" -H "accept: /*"</pre>
Request URL
<pre>http://localhost:8080/v1/idstar/training/1</pre>

response:

Code

Details

200

Response body

```
{
  "code": 200,
  "data": {
    "createdAt": "2023-08-01T12:25:43.620+07:00",
    "updatedAt": "2023-08-01T12:42:36.204+07:00",
    "deletedDate": null,
    "id": 1,
    "tema": "Springboot sampai mahir sekali",
    "pengajar": "Mas Riki Aldi"
  },
  "status": "OK"
}
```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Tue01 Aug 2023 05:49:47 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

5. Delete

request:

Curl

Request URL

```
curl -X DELETE "http://localhost:8080/v1/idstar/training/delete" -H "accept: */*" -H "Content-Type: application/json" -d '{"id": 1}'
```

```
http://localhost:8080/v1/idstar/training/delete
```

response:

Code

Details

200

Response body

```
{
  "code": 200,
  "data": "Success delete",
  "status": "OK"
}
```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Tue01 Aug 2023 05:50:50 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

Rest API untuk Training Karyawan

training-karyawan-controller Training Karyawan Controller		▼
GET	/v1/idstar/karyawan-training/{id}	get
DELETE	/v1/idstar/karyawan-training/delete	delete
GET	/v1/idstar/karyawan-training/list	list
POST	/v1/idstar/karyawan-training/save	save
PUT	/v1/idstar/karyawan-training/update	update

1. Save

request:

Curl

Request URL

```
curl -X POST "http://localhost:8080/v1/idstar/karyawan-training/save" -H "accept: */*" -H "Content-Type: application/json" -d '{"karyawan": { "id": 5 }, "tanggal": "2023-08-01 14:00:00", "training": { "id": 2 } }'
```

```
http://localhost:8080/v1/idstar/karyawan-training/save
```

response:

Code

Details

200

Response body

```
{
  "code": 200,
  "data": {
    "createdAt": "2023-08-01T12:57:17.626+07:00",
    "updatedAt": "2023-08-01T12:57:17.626+07:00",
    "deletedDate": null,
    "id": 2,
    "karyawan": {
      "createdAt": "2023-07-31T17:15:27.258+07:00",
      "updatedAt": "2023-07-31T17:15:27.258+07:00",
      "deletedDate": null,
      "id": 5,
      "nama": "Ivan",
      "dob": "1999-12-11T00:00:00.000+07:00",
      "status": "Single",
      "alamat": "Jalan",
      "detailKaryawan": {
        "createdAt": "2023-07-31T17:14:21.183+07:00",
        "updatedAt": "2023-07-31T21:02:03.535+07:00",
        "deletedDate": null,
        "id": 5,
        "nik": "string",
        "npwp": "string"
      }
    },
    "training": {
      "createdAt": "2023-08-01T12:52:24.930+07:00",
      "updatedAt": "2023-08-01T12:52:24.930+07:00",

```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Tue01 Aug 2023 05:57:17 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

2. Update

request:

Curl

```
curl -X PUT "http://localhost:8080/v1/idstar/karyawan-training/update" -H "accept: /*" -H "Content-Type: application/json" -d "{ \"id\": 2, \"karyawan\": { \"id\": 9 }, \"tanggal\": \"2023-08-01 15:00:00\", \"training\": { \"id\": 2 }}"
```

Request URL

```
http://localhost:8080/v1/idstar/karyawan-training/update
```

response:

Code

Details

200

Response body

```
{
  "code": 200,
  "data": {
    "createdAt": "2023-08-01T12:57:17.626+07:00",
    "updatedAt": "2023-08-01T13:01:40.655+07:00",
    "deletedDate": null,
    "id": 2,
    "karyawan": {
      "createdAt": "2023-07-31T19:01:32.694+07:00",
      "updatedAt": "2023-07-31T19:01:32.694+07:00",
      "deletedDate": null,
      "id": 9,
      "nama": "syarini",
      "dob": "1996-01-01T00:00:00.000+07:00",
      "status": "active",
      "alamat": "jakarta",
      "detailKaryawan": {
        "createdAt": "2023-07-31T19:03:11.459+07:00",
        "updatedAt": "2023-07-31T19:03:11.459+07:00",
        "deletedDate": null,
        "id": 9,
        "nik": "123455",
        "npwp": "12345677"
      }
    },
    "training": {
      "createdAt": "2023-08-01T12:52:24.930+07:00",
      "updatedAt": "2023-08-01T12:52:24.930+07:00",

```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Tue01 Aug 2023 06:01:52 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

3. List

request:

Curl

```
curl -X GET "http://localhost:8080/v1/idstar/karyawan-training/list?page=0&size=10" -H "accept: /*"
```

Request URL

```
http://localhost:8080/v1/idstar/karyawan-training/list?page=0&size=10
```

response:

Code Details

200

Response body

```
{
  "code": 200,
  "data": {
    "content": [
      {
        "createdAt": "2023-08-01T12:54:15.305+07:00",
        "updatedAt": "2023-08-01T12:54:15.305+07:00",
        "deletedDate": null,
        "id": 1,
        "karyawan": {
          "createdAt": "2023-07-31T17:15:27.258+07:00",
          "updatedAt": "2023-07-31T17:15:27.258+07:00",
          "deletedDate": null,
          "id": 5,
          "nama": "Ivan",
          "dob": "1999-12-11T00:00:00.000+07:00",
          "status": "Single",
          "alamat": "Jalan",
          "detailKaryawan": {
            "createdAt": "2023-07-31T17:14:21.183+07:00",
            "updatedAt": "2023-07-31T17:02:03.535+07:00",
            "deletedDate": null,
            "id": 5,
            "nik": "string",
            "npwp": "string"
          }
        }
      }
    ],
    "training": {

```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Tue01 Aug 2023 06:03:32 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

4. Get ID

request:

Curl

```
curl -X GET "http://localhost:8080/v1/idstar/karyawan-training/2" -H "accept: */*"
```

Request URL

```
http://localhost:8080/v1/idstar/karyawan-training/2
```

response:

200

Response body

```
{
  "code": 200,
  "data": {
    "createdAt": "2023-08-01T12:57:17.626+07:00",
    "updatedAt": "2023-08-01T13:01:52.150+07:00",
    "deletedDate": null,
    "id": 2,
    "karyawan": {
      "createdAt": "2023-07-31T19:01:32.694+07:00",
      "updatedAt": "2023-07-31T19:01:32.694+07:00",
      "deletedDate": null,
      "id": 9,
      "nama": "Syarini",
      "dob": "1996-01-01T00:00:00.000+07:00",
      "status": "active",
      "alamat": "jakarta",
      "detailKaryawan": {
        "createdAt": "2023-07-31T19:03:11.459+07:00",
        "updatedAt": "2023-07-31T19:03:11.459+07:00",
        "deletedDate": null,
        "id": 9,
        "nik": "123455",
        "npwp": "12345677"
      }
    }
  },
  "training": {
    "createdAt": "2023-08-01T12:52:24.930+07:00",
    "updatedAt": "2023-08-01T12:52:24.930+07:00",

```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Tue01 Aug 2023 06:04:34 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

5. Delete

request:

Curl

```
curl -X DELETE "http://localhost:8080/v1/idstar/karyawan-training/delete" -H "accept: */*" -H "Content-Type: application/json" -d '{"id": 1}'
```

Request URL

```
http://localhost:8080/v1/idstar/karyawan-training/delete
```

response:

Code	Details
200	<div><div>Response body</div><div><pre>{ "code": 200, "data": "Success delete", "status": "OK" }</pre><div>Download</div></div><div><div>Response headers</div><div><pre>connection: keep-alive content-type: application/json date: Tue01 Aug 2023 06:05:27 GMT keep-alive: timeout=60 transfer-encoding: chunked</pre></div></div></div>