JAVA 4 – SPRING BOOT 1
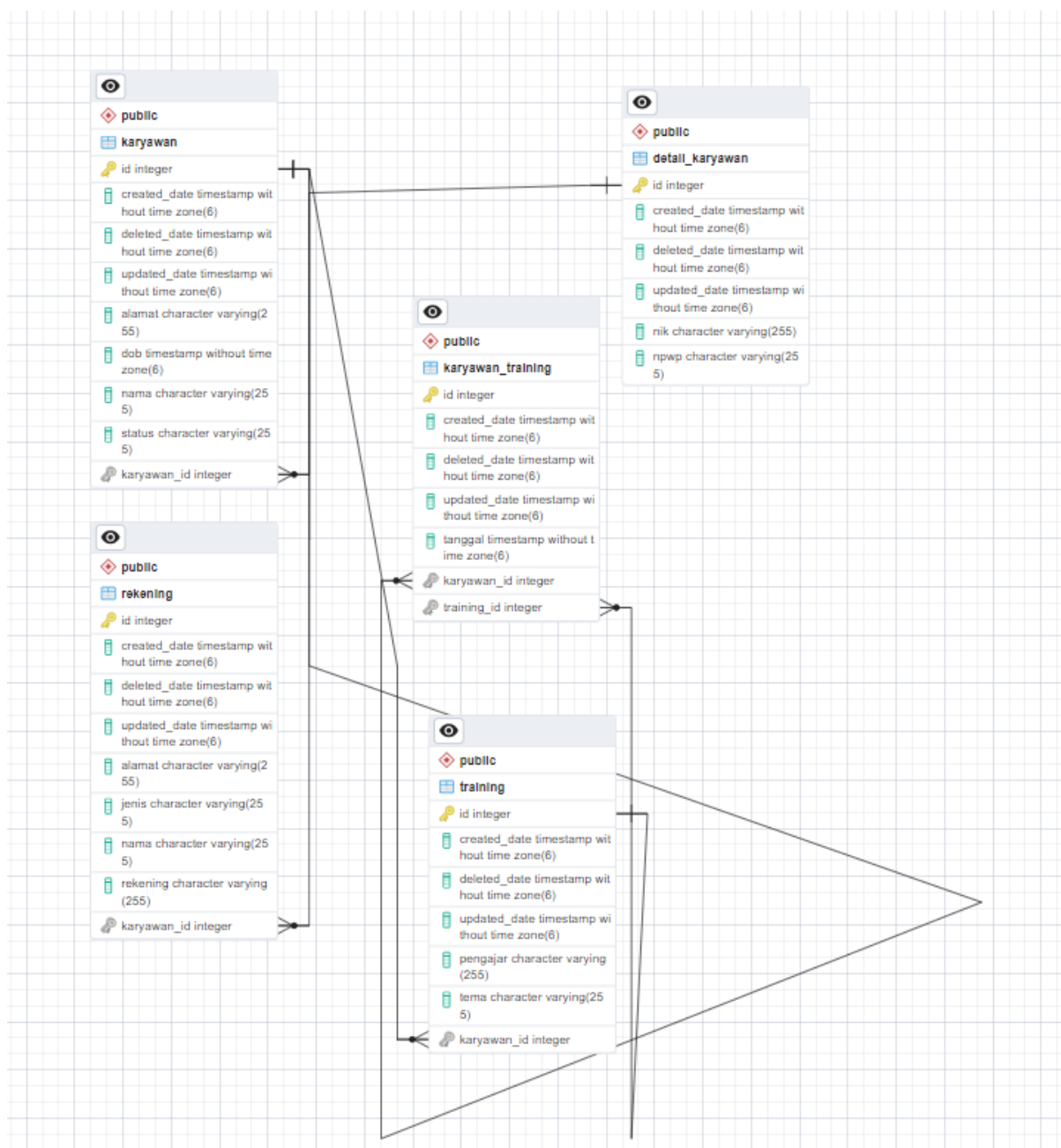
Nama   : Rifqi Muhammad Aziz

Role   : Java Developer

TL   : Akhmad Bilyyasif

Client   : XL Axiata

ENTITY RELATIONSHIP DIAGRAM (ERD)

KARYAWAN DETAIL

POST	**REQUEST**

localhost:8080/api/v1/karyawans	`{`
	`    "nama": "Rifqi Muhammad Aziz",`
	`    "dob": "1999-05-21",`
	`    "status": "active",`
	`    "alamat": "Tegal",`
	`    "detailKaryawan": {`
	`        "nik": "337633763376",`
	`        "npwp": "001001001"`
	`    }`
	`}`

RESPONSE

```
{
    "code": 200,
    "data": {
        "createdDate": "2023-10-
30T09:47:21.821+07:00",
        "updatedDate": null,
        "deletedDate": null,
        "id": 1,
        "nama": "Rifqi Muhammad Aziz",
        "dob": "1999-05-
21T07:00:00.000+07:00",
        "status": "active",
        "alamat": "Tegal",
        "detailKaryawan": {
            "createdDate": "2023-10-
30T09:47:21.821+07:00",
            "updatedDate": null,
            "deletedDate": null,
            "id": 1,
            "nik": "337633763376",
            "npwp": "001001001"
        }
    },
    "status": "success"
}
```

REQUEST

GET	

localhost:8080/api/v1/karyawans	
	GET ⌄ localhost:8080/api/v1/karyawans?page=0&size=10
	
	Params ● Authorization Headers (8) Body ● Pre-request Script Tests Settings
	
	Query Params
	
	    Key Value
	☑ page 0
	☑ size 10
	  Key Value

RESPONSE
```
{
    "code": 200,
    "data": {
        "content": [
            {
                "createdDate": "2023-10-
30T09:47:21.821+07:00",
                "updatedDate": null,
                "deletedDate": null,
                "id": 1,
                "nama": "Rifqi Muhammad Aziz",
                "dob": "1999-05-
21T07:00:00.000+07:00",
                "status": "active",
                "alamat": "Tegal",
                "detailKaryawan": {
                    "createdDate": "2023-10-
30T09:47:21.821+07:00",
                    "updatedDate": null,
                    "deletedDate": null,
                    "id": 1,
                    "nik": "337633763376",
                    "npwp": "001001001"
                }
            }
        ],
        "pageable": "INSTANCE",
        "totalPages": 1,
        "totalElements": 1,
        "last": true,
        "size": 1,
        "number": 0,
        "sort": {
            "empty": true,
            "sorted": false,
            "unsorted": true
        },
        "numberOfElements": 1,
        "first": true,
        "empty": false
    },
    "status": "success"
```

}

GET *localhost:8080/api/v1/karyawans/{id}*	**REQUEST** GET ∨ localhost:8080/api/v1/karyawans/1 Params Authorization Headers (6) Body Pre-request Script Tests Settings ● none ● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL This request

	RESPONSE
	
	``
	{
	    "code": 200,
	    "data": {
	        "createdDate": "2023-10-
	30T09:47:21.821+07:00",
	        "updatedDate": null,
	        "deletedDate": null,
	        "id": 1,
	        "nama": "Rifqi Muhammad Aziz",
	        "dob": "1999-05-
	21T07:00:00.000+07:00",
	        "status": "active",
	        "alamat": "Tegal",
	        "detailKaryawan": {
	            "createdDate": "2023-10-
	30T09:47:21.821+07:00",
	            "updatedDate": null,
	            "deletedDate": null,
	            "id": 1,
	            "nik": "337633763376",
	            "npwp": "001001001"
	        }
	    },
	    "status": "success"
	}
	``

UPDATE
 	
localhost:8080/api/v1/karyawans
	REQUEST
	
	``
	{
	    "id": 1,
	    "nama": "Rifqi Muhammad Aziz edited",
	    "dob": "1999-05-21",
	    "status": "active",
	    "alamat": "Tegal Timur",
	    "detailKaryawan": {
	        "nik": "337633763376",
	        "npwp": "001001001"
	    }
	}
	``

	RESPONSE
	``json
	{
	    "code": 200,
	    "data": {
	        "createdDate": "2023-10-30T09:47:21.821+07:00",
	        "updatedDate": "2023-10-30T09:53:03.364+07:00",
	        "deletedDate": null,
	        "id": 1,
	        "nama": "Rifqi Muhammad Aziz edited",
	        "dob": "1999-05-21T07:00:00.000+07:00",
	        "status": "active",
	        "alamat": "Tegal Timur",
	        "detailKaryawan": {
	            "createdDate": "2023-10-30T09:47:21.821+07:00",
	            "updatedDate": "2023-10-30T09:53:03.364+07:00",
	            "deletedDate": null,
	            "id": 1,
	            "nik": "337633763376",
	            "npwp": "001001001"
	        }
	    },
	    "status": "success"
	}
	``

DELETE *localhost:8080/api/v1/karyawans*	**REQUEST**

	RESPONSE
	``json
	{
	    "code": 200,
	    "data": "success",
	    "status": "success"
	}
	``

	REKENING

POST	**REQUEST**
	``
	{
	``

localhost:8080/api/v1/rekenings	```json
	    "nama": "Rifqi Muhammad Aziz",
	    "jenis": "BNI",
	    "rekening": "12345678",
	    "alamat": "Tegal",
	    "karyawan": {
	        "id": "2"
	    }
	}
	``

RESPONSE

```json
{
    "code": 200,
    "data": {
        "createdDate": "2023-10-30T09:57:50.785+07:00",
        "updatedDate": null,
        "deletedDate": null,
        "id": 1,
        "nama": "Rifqi Muhammad Aziz",
        "jenis": "BNI",
        "rekening": "12345678",
        "alamat": "Tegal",
        "karyawan": {
            "id": "2",
            "nama": "Rifqi Muhammad Aziz"
        }
    },
    "status": "success"
}
```

GET

localhost:8080/api/v1/rekenings

REQUEST

GET ∨	localhost:8080/api/v1/rekenings?page=0&size=10

Params ●   Authorization   Headers (6)   Body   Pre-request Script   Tests   Settings

Query Params

	Key	Value
☑	page	0
☑	size	10
	Key	Value

RESPONSE

```json
{
    "code": 200,
    "data": {
        "content": [
            {
                "createdDate": "2023-10-30T09:57:50.785+07:00",
                "updatedDate": null,
                "deletedDate": null,
                "id": 1,
```

```
                    "nama": "Rifqi Muhammad Aziz",
                    "jenis": "BNI",
                    "rekening": "12345678",
                    "alamat": "Tegal",
                    "karyawan": {
                        "id": "2",
                        "nama": "Rifqi Muhammad
Aziz"
                    }
                }
            ],
            "pageable": "INSTANCE",
            "totalPages": 1,
            "totalElements": 1,
            "last": true,
            "size": 1,
            "number": 0,
            "sort": {
                "empty": true,
                "sorted": false,
                "unsorted": true
            },
            "numberOfElements": 1,
            "first": true,
            "empty": false
        },
        "status": "success"
}
```

GET	
localhost:8080/api/v1/rekenings/{id}	**REQUEST** GET ∨ localhost:8080/api/v1/rekenings/1 Params Authorization Headers (6) Body Pre-request Script Tests Settings Query Params Key — Value Key — Value

	RESPONSE
	
	{
	    "code": 200,
	    "data": {
	        "createdDate": "2023-10-30T09:57:50.785+07:00",
	        "updatedDate": null,
	        "deletedDate": null,
	        "id": 1,
	        "nama": "Rifqi Muhammad Aziz",
	        "jenis": "BNI",
	        "rekening": "12345678",

	``json
	        "alamat": "Tegal",
	        "karyawan": {
	            "id": "2",
	            "nama": "Rifqi Muhammad Aziz"
	        }
	    },
	    "status": "success"
	}
	``

UPDATE
 	
localhost:8080/api/v1/rekenings
	REQUEST
	``json
	{
	    "id": 1,
	    "nama": "Rifqi Muhammad Aziz Edited",
	    "jenis": "BNI",
	    "rekening": "12345678",
	    "alamat": "Tegal",
	    "karyawan": {
	        "id": "2"
	    }
	}
	``

	RESPONSE
	``json
	{
	    "code": 200,
	    "data": {
	        "createdDate": "2023-10-
	30T09:57:50.785+07:00",
	        "updatedDate": "2023-10-
	30T14:18:46.271+07:00",
	        "deletedDate": null,
	        "id": 1,
	        "nama": "Rifqi Muhammad Aziz Edited",
	        "jenis": "BNI",
	        "rekening": "12345678",
	        "alamat": "Tegal",
	        "karyawan": {
	            "id": "2",
	            "nama": "Rifqi Muhammad Aziz"
	        }
	    },
	    "status": "success"
	}
	``

	REQUEST

DELETE *localhost:8080/api/v1/rekenings*	DELETE ▾ localhost:8080/api/v1/rekenings 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 }

	RESPONSE
	
	{
	    "code": 200,
	    "data": "success",
	    "status": "success"
	}

TRAINING	

POST
 	
localhost:8080/api/v1/trainings
	REQUEST
	
	{
	    "tema": "JAVA DEVELOPER",
	    "pengajar": "RIFQI MUHAMMAD"
	}

	RESPONSE
	
	{
	    "code": 200,
	    "data": {
	        "createdDate": "2023-10-30T14:20:38.337+07:00",
	        "updatedDate": null,
	        "deletedDate": null,
	        "id": 1,
	        "tema": "JAVA DEVELOPER",
	        "pengajar": "RIFQI MUHAMMAD"
	    },
	    "status": "success"
	}

GET *localhost:8080/api/v1/trainings*	**REQUEST** GET ▾ localhost:8080/api/v1/trainings Params Authorization Headers (6) Body Pre-request Script Tests Settings Query Params Key Value Key Value
	RESPONSE {

```
    "code": 200,
    "data": {
        "content": [
            {
                "createdDate": "2023-10-
30T14:20:38.337+07:00",
                "updatedDate": null,
                "deletedDate": null,
                "id": 1,
                "tema": "JAVA DEVELOPER",
                "pengajar": "RIFQI MUHAMMAD"
            }
        ],
        "pageable": "INSTANCE",
        "totalPages": 1,
        "totalElements": 1,
        "last": true,
        "size": 1,
        "number": 0,
        "sort": {
            "empty": true,
            "sorted": false,
            "unsorted": true
        },
        "numberOfElements": 1,
        "first": true,
        "empty": false
    },
    "status": "success"
}
```

GET	**REQUEST**
localhost:8080/api/v1/trainings/{id}	GET ∨ localhost:8080/api/v1/trainings/1
	Params Authorization Headers (6) Body Pre-request Script Tests Settings
	Query Params
	Key / Value
	Key / Value

RESPONSE
```
{
    "code": 200,
    "data": {
        "createdDate": "2023-10-
30T14:20:38.337+07:00",
        "updatedDate": null,
        "deletedDate": null,
        "id": 1,
        "tema": "JAVA DEVELOPER",
```

| | ```
        "pengajar": "RIFQI MUHAMMAD"
    },
    "status": "success"
}
``` |
| **UPDATE**<br><br>*localhost:8080/api/v1/trainings* | **REQUEST**<br>```
{
    "id": 1,
    "tema": "JAVA DEVELOPER EDITED",
    "pengajar": "RIFQI MUHAMMAD"
}
``` |
| | **RESPONSE**<br>```
{
    "code": 200,
    "data": {
        "createdDate": "2023-10-
30T14:20:38.337+07:00",
        "updatedDate": "2023-10-
30T14:23:59.340+07:00",
        "deletedDate": null,
        "id": 1,
        "tema": "JAVA DEVELOPER EDITED",
        "pengajar": "RIFQI MUHAMMAD"
    },
    "status": "success"
}
``` |
| **DELETE**

localhost:8080/api/v1/trainings | **REQUEST**
 |
| | **RESPONSE**<br>```
{
    "code": 200,
    "data": "success",
    "status": "success"
}
``` |
| **KARYAWAN TRAINING** | |
| **POST**<br><br>*localhost:8080/api/v1/karyawan-trainings* | **REQUEST**<br>```
{
    "karyawan": {
        "id": "2"
``` |

```
        },
        "training": {
            "id": "2"
        },
        "tanggal": "2023-05-21T02:29:43.314Z"
}
```

RESPONSE
```
{
    "code": 200,
    "data": {
        "createdDate": "2023-10-
30T14:27:56.775+07:00",
        "updatedDate": null,
        "deletedDate": null,
        "id": 2,
        "karyawan": {
            "createdDate": "2023-10-
30T14:27:56.775+07:00",
            "updatedDate": null,
            "deletedDate": null,
            "id": 2,
            "nama": "Rifqi Muhammad Aziz",
            "dob": "1999-05-
21T07:00:00.000+07:00",
            "status": "active",
            "alamat": "Tegal",
            "detailKaryawan": {
                "createdDate": "2023-10-
30T09:57:43.570+07:00",
                "updatedDate": null,
                "deletedDate": null,
                "id": 2,
                "nik": "337633763376",
                "npwp": "001001001"
            }
        },
        "training": {
            "createdDate": "2023-10-
30T14:26:29.198+07:00",
            "updatedDate": null,
            "deletedDate": null,
            "id": 2,
            "tema": "JAVA DEVELOPER",
            "pengajar": "RIFQI MUHAMMAD"
        },
        "tanggal": "2023-05-
21T02:29:43.314+00:00"
    },
    "status": "success"
}
```

GET	REQUEST
localhost:8080/api/v1/karyawan-trainings	GET ⌄ localhost:8080/api/v1/karyawan-trainings Params Authorization Headers (6) Body Pre-request Script Tests Settings Query Params | Key	Value
Key	Value	

	RESPONSE
	`{`
	`    "code": 200,`
	`    "data": {`
	`        "content": [`
	`            {`
	`                "createdDate": "2023-10-`
	`30T14:26:55.517+07:00",`
	`                "updatedDate": null,`
	`                "deletedDate": null,`
	`                "id": 1,`
	`                "karyawan": {`
	`                    "createdDate": "2023-10-`
	`30T14:26:55.517+07:00",`
	`                    "updatedDate": null,`
	`                    "deletedDate": null,`
	`                    "id": 2,`
	`                    "nama": "Rifqi Muhammad`
	`Aziz",`
	`                    "dob": "1999-05-`
	`21T07:00:00.000+07:00",`
	`                    "status": "active",`
	`                    "alamat": "Tegal",`
	`                    "detailKaryawan": {`
	`                        "createdDate": "2023-`
	`10-30T09:57:43.570+07:00",`
	`                        "updatedDate": null,`
	`                        "deletedDate": null,`
	`                        "id": 2,`
	`                        "nik": "337633763376",`
	`                        "npwp": "001001001"`
	`                    }`
	`                },`
	`                "training": {`
	`                    "createdDate": "2023-10-`
	`30T14:26:29.198+07:00",`
	`                    "updatedDate": null,`
	`                    "deletedDate": null,`
	`                    "id": 2,`
	`                    "tema": "JAVA DEVELOPER",`
	`                    "pengajar": "RIFQI`
	`MUHAMMAD"`

```json
                },
                "tanggal": "2023-05-
21T00:00:00.000+00:00"
            },
            {
                "createdDate": "2023-10-
30T14:27:56.775+07:00",
                "updatedDate": null,
                "deletedDate": null,
                "id": 2,
                "karyawan": {
                    "createdDate": "2023-10-
30T14:27:56.775+07:00",
                    "updatedDate": null,
                    "deletedDate": null,
                    "id": 2,
                    "nama": "Rifqi Muhammad
Aziz",
                    "dob": "1999-05-
21T07:00:00.000+07:00",
                    "status": "active",
                    "alamat": "Tegal",
                    "detailKaryawan": {
                        "createdDate": "2023-
10-30T09:57:43.570+07:00",
                        "updatedDate": null,
                        "deletedDate": null,
                        "id": 2,
                        "nik": "337633763376",
                        "npwp": "001001001"
                    }
                },
                "training": {
                    "createdDate": "2023-10-
30T14:26:29.198+07:00",
                    "updatedDate": null,
                    "deletedDate": null,
                    "id": 2,
                    "tema": "JAVA DEVELOPER",
                    "pengajar": "RIFQI
MUHAMMAD"
                },
                "tanggal": "2023-05-
21T02:29:43.314+00:00"
            }
        ],
        "pageable": "INSTANCE",
        "totalPages": 1,
        "totalElements": 2,
        "last": true,
        "size": 2,
```

	``json
	        "number": 0,
	        "sort": {
	            "empty": true,
	            "sorted": false,
	            "unsorted": true
	        },
	        "numberOfElements": 2,
	        "first": true,
	        "empty": false
	    },
	    "status": "success"
	}
	``

GET *localhost:8080/api/v1/karyawan-trainings/{id}*	**REQUEST** GET localhost:8080/api/v1/karyawan-trainings/1 Params Authorization Headers (6) Body Pre-request Script Tests Settings Query Params | Key	Value
Key	Value	

	RESPONSE
	
	``json
	{
	    "code": 200,
	    "data": {
	        "createdDate": "2023-10-
	30T14:26:55.517+07:00",
	        "updatedDate": null,
	        "deletedDate": null,
	        "id": 1,
	        "karyawan": {
	            "createdDate": "2023-10-
	30T14:26:55.517+07:00",
	            "updatedDate": null,
	            "deletedDate": null,
	            "id": 2,
	            "nama": "Rifqi Muhammad Aziz",
	            "dob": "1999-05-
	21T07:00:00.000+07:00",
	            "status": "active",
	            "alamat": "Tegal",
	            "detailKaryawan": {
	                "createdDate": "2023-10-
	30T09:57:43.570+07:00",
	                "updatedDate": null,
	                "deletedDate": null,
	                "id": 2,
	                "nik": "337633763376",
	                "npwp": "001001001"
	``

	``json
	            }
	        },
	        "training": {
	            "createdDate": "2023-10-
	30T14:26:29.198+07:00",
	            "updatedDate": null,
	            "deletedDate": null,
	            "id": 2,
	            "tema": "JAVA DEVELOPER",
	            "pengajar": "RIFQI MUHAMMAD"
	        },
	        "tanggal": "2023-05-
	21T00:00:00.000+00:00"
	    },
	    "status": "success"
	}
	``

UPDATE
 	
localhost:8080/api/v1/karyawan-trainings
	REQUEST
	``json
	{
	    "id": 1,
	    "karyawan": {
	        "id": "2"
	    },
	    "training": {
	        "id": "2"
	    },
	    "tanggal": "2023-05-22T02:29:43.314Z"
	}
	``

	RESPONSE
	``json
	{
	    "code": 200,
	    "data": {
	        "createdDate": "2023-10-
	30T14:26:55.517+07:00",
	        "updatedDate": "2023-10-
	30T14:33:23.346+07:00",
	        "deletedDate": null,
	        "id": 1,
	        "karyawan": {
	            "createdDate": "2023-10-
	30T14:26:55.517+07:00",
	            "updatedDate": "2023-10-
	30T14:33:23.346+07:00",
	            "deletedDate": null,
	            "id": 2,
	            "nama": "Rifqi Muhammad Aziz",
	            "dob": "1999-05-
	21T07:00:00.000+07:00",
	            "status": "active",
	``

```json
            "alamat": "Tegal",
            "detailKaryawan": {
                "createdDate": "2023-10-30T09:57:43.570+07:00",
                "updatedDate": null,
                "deletedDate": null,
                "id": 2,
                "nik": "337633763376",
                "npwp": "001001001"
            }
        },
        "training": {
            "createdDate": "2023-10-30T14:26:29.198+07:00",
            "updatedDate": "2023-10-30T14:33:23.346+07:00",
            "deletedDate": null,
            "id": 2,
            "tema": "JAVA DEVELOPER",
            "pengajar": "RIFQI MUHAMMAD"
        },
        "tanggal": "2023-05-22T02:29:43.314+00:00"
    },
    "status": "success"
}
```

DELETE	REQUEST
localhost:8080/api/v1/karyawan-trainings	
	REQUEST

	``json
	{
	    "code": 200,
	    "data": "success",
	    "status": "success"
	}
	``