
UJIAN TENGAH SEMESTER

PEMROGRAMAN BERBASIS WEB

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SISTEM INFORMASI / SEMESTER IV



KODE – di restapi.js (baris 856 - 1760)

Menjalankan localhost dengan node restapi pd Terminal

```
PS D:\RestApi-Node-JS> node restapi
RestApi Menggunakan Express JS. Port Server : 81...

Listen di http://localhost:81
Starting di tanggal dan waktu : 20 Maret 2023 20:44:58
```

Database 1 : Pendidikan
- Tampilan Data -

```
Pretty Raw Preview   JSON XML
```

```
1 {
2   "status": 200,
3   "pesan": "Datanya ada.",
4   "status_tampil": true,
5   "tokennya": "Hidden",
6   "error": null,
7   "jumlah_data": 5,
8   "data": [
9     {
10      "kd_pendidikan": 111111111,
11      "nama_instansi": "TK Dharma Loka",
12      "range_tahun": "2005-2007",
13      "jurusan": "-"
14    },
15    {
16      "kd_pendidikan": 121212121,
17      "nama_instansi": "SD Kusuma",
18      "range_tahun": "2008-2014",
19      "jurusan": "-"
20    },
21    {
22      "kd_pendidikan": 123123123,
23      "nama_instansi": "SMP Kusuma",
24      "range_tahun": "2014-2017",
25      "jurusan": "-"
26    },
27    {
28      "kd_pendidikan": 123456789,
29      "nama_instansi": "SMK Dharma Loka",
30      "range_tahun": "2017-2020",
31      "jurusan": "Akuntansi"
32    },
33    {
34      "kd_pendidikan": 4294967295,
35      "nama_instansi": "STMIK Dharmapala",
36      "range_tahun": "2021~",
37      "jurusan": "Sistem Informasi"
38    }
39  ]
40 }
```

- Tambah Data -

http://localhost:81/api/tambah_datap

| form-data | x-www-form-urlencoded | raw |
|---------------|-----------------------|-----|
| token | UmVzdEFwaSNOb2RlSjM= | ✕ |
| kd_pendidikan | 1234567890 | ✕ |
| nama_instansi | SMK Dharma Loka | ✕ |
| range_tahun | 2017-2020 | ✕ |
| jurusan | Akuntansi | ✕ |
| Key | Value | |

Send Preview Add to collection

Body Cookies (undefined) Headers (8) STATUS 200 OK TIME 39 ms

Pretty Raw Preview JSON XML

```
1 {
2   "status": 200,
3   "pesan": "Tambah Data Sukses.",
4   "status_tambah": true,
5   "tokenyyaa": "Hidden",
6   "error": null,
7   "data": {
8     "fieldCount": 0,
9     "affectedRows": 1,
10    "insertId": 1234567890,
11    "serverStatus": 2,
12    "warningCount": 0,
13    "message": "",
14    "protocol41": true,
15    "changedRows": 0
16  }
17 }
```

- Ubah Data-

http://localhost:81/api/ubah_datap

| form-data | x-www-form-urlencoded | raw |
|---------------|-----------------------|-----|
| token | UmVzdEFwaSNOb2RlSjM= | ✕ |
| kd_pendidikan | 1111111111 | ✕ |
| nama_instansi | TK Kusuma | ✕ |
| Key | Value | |

Send Preview Add to collection

Body Cookies (undefined) Headers (8) STATUS 200 OK TIME 138 ms

Pretty Raw Preview JSON XML

```
1 {
2   "status": 200,
3   "pesan": "Ubah Data Sukses.",
4   "status_ubah": true,
5   "tokenyyaa": "Hidden",
6   "error": null,
7   "data": {
8     "fieldCount": 0,
9     "affectedRows": 1,
10    "insertId": 0,
11    "serverStatus": 2,
12    "warningCount": 0,
13    "message": "(Rows matched: 1 Changed: 1 Warnings: 0)",
14    "protocol41": true,
15    "changedRows": 1
16  }
17 }
```

- Hapus Data-

http://localhost:81/api/hapus_datap

form-data x-www-form-urlencoded raw

token UmVzdEFwaSNOb2RISIM=

kd_pendidikan 1111111111

Key Value

Send Preview Add to collection

Body Cookies (undefined) Headers (8) STATUS 200 OK TIME 40 ms

Pretty Raw Preview JSON XML

```

1 {
2   "status": 200,
3   "pesan": "Hapus Data Sukses.",
4   "status_hapus": true,
5   "tokennya": "Hidden",
6   "error": null,
7   "data": {
8     "fieldCount": 0,
9     "affectedRows": 1,
10    "insertId": 0,
11    "serverStatus": 2,
12    "warningCount": 0,
13    "message": "",
14    "protocol41": true,
15    "changedRows": 0
16  }
17 }
```

- Hasil di localhost phpmyadmin -

| | | | | kd_pendidikan | nama_instansi | range_tahun | jurusan |
|--------------------------|------|------|--------|---------------|------------------|-------------|------------------|
| <input type="checkbox"/> | Edit | Copy | Delete | 3333333333 | SMP Kusuma | 2014 - 2017 | none |
| <input type="checkbox"/> | Edit | Copy | Delete | 4000040000 | SMK Dharma Loka | 2017 - 2020 | Akuntansi |
| <input type="checkbox"/> | Edit | Copy | Delete | 2222222222 | SD Kusuma | 2008 - 2014 | none |
| <input type="checkbox"/> | Edit | Copy | Delete | 1111111111 | TK Dharma Loka | 2005 - 2007 | none |
| <input type="checkbox"/> | Edit | Copy | Delete | 4000050000 | STMIK Dharmapala | 2021 ~ | Sistem Informasi |

Database 2 : Pengalaman Kerja

- Tampilan Data -

http://localhost:81/api/tampil_data

form-data x-www-form-urlencoded raw

token UmVzdEFwaSNOb2RISIM=

Key Value

Send Preview Add to collection

Body Cookies (undefined) Headers (8) STATUS 200 OK TIME 38 ms

Pretty Raw Preview JSON XML

```
1 {
2   "status": 200,
3   "pesan": "Datanya ada.",
4   "status_tampil": true,
5   "tokenyyaa": "Hidden",
6   "error": null,
7   "jumlah_data": 1,
8   "data": [
9     {
10      "kd_pengalaman": 1234567890,
11      "nama_instansi": "PT. ARARA ABADI",
12      "jabatan_terakhir": "Magang (PKL)",
13      "terakhir_bekerja": 2015
14    }
15  ]
16 }
```

- Tambah Data -

http://localhost:81/api/tambah_data

form-data x-www-form-urlencoded raw

token UmVzdEFwaSNOb2RISIM=

kd_pengalaman 1234567890

nama_instansi PT. ARARA ABADI

jabatan_terakhir Magang (PKL)

terakhir_bekerja 2015

Key Value

Send Preview Add to collection

Body Cookies (undefined) Headers (8) STATUS 200 OK TIME 110 ms

Pretty Raw Preview JSON XML

```
1 {
2   "status": 200,
3   "pesan": "Tambah Data Sukses.",
4   "status_tambah": true,
5   "tokenyyaa": "Hidden",
6   "error": null,
7   "data": {
8     "fieldCount": 0,
9     "affectedRows": 1,
10    "insertId": 1234567890,
11    "serverStatus": 2,
12    "warningCount": 0,
13    "message": "",
14    "protocol41": true,
15    "changedRows": 0
16  }
```

- Hasil di localhost phpmyadmin -

| | kd_pengalaman | nama_instansi | jabatan_terakhir | terakhir_bekerja |
|--------|---------------|-----------------|------------------|------------------|
| delete | 1234567890 | PT. ARARA ABADI | Magang (PKL) | 2015 |

Database 3 : Pengguna Database

- Tampilan Data -

http://localhost:81/api/tampil_dataU

form-data x-www-form-urlencoded raw

token UmVzdEFwaSNOb2RISIM=

Key Value

Send Preview Add to collection

Body Cookies (undefined) Headers (8) STATUS 200 OK TIME 118 ms

Pretty Raw Preview JSON XML

```
1 {
2   "status": 200,
3   "pesan": "Datanya ada.",
4   "status_tampil": true,
5   "tokennya": "Hidden",
6   "error": null,
7   "jumlah_data": 3,
8   "data": [
9     {
10      "nm_pengguna": "admin",
11      "psw_pengguna": "5678",
12      "level_user": "Admin",
13      "status_akun": "Aktif",
14      "terakhir_login": "2022-12-17T15:53:53.000Z"
15    },
16    {
17      "nm_pengguna": "JeanRiko",
18      "psw_pengguna": "4321",
19      "level_user": "Admin",
20      "status_akun": "Aktif",
21      "terakhir_login": "2022-12-17T15:54:15.000Z"
22    },
23    {
24      "nm_pengguna": "operator",
25      "psw_pengguna": "1234",
26      "level_user": "Operator",
27      "status_akun": "Aktif",
28      "terakhir_login": null
29    }
30  ]
31 }
```

- Tambah Data -

http://localhost:81/api/tambah_dataU

form-data x-www-form-urlencoded raw

token UmVzdEFwaSNOb2RISIM= ✕

nm_pengguna gusti ✕

psw_pengguna 7209 ✕

level_user Operator ✕

status_akun Suspend ✕

terakhir_login Value ✕

Key Value

Send Preview Add to collection

Body Cookies (undefined) Headers (8) STATUS 200 OK TIME 75 ms

Pretty Raw Preview JSON XML

```
1 {
2   "status": 200,
3   "pesan": "Tambah Data Sukses.",
4   "status_tambah": true,
5   "tokennya": "Hidden",
6   "error": null,
7   "data": {
8     "fieldCount": 0,
9     "affectedRows": 1,
10    "insertId": 0,
11    "serverStatus": 2,
12    "warningCount": 1,
13    "message": "",
14    "protocol41": true,
15    "changedRows": 0
16  }
17 }
```

- Ubah Data-

http://localhost:81/api/ubah_dataU

form-data x-www-form-urlencoded raw

| | | |
|----------------|----------------------|---|
| token | UmVzdEFwaSNOb2RlSjM= | ✕ |
| nm_pengguna | gusti | ✕ |
| psw_pengguna | 7209 | ✕ |
| level_user | Operator | ✕ |
| status_akun | Suspend | ✕ |
| terakhir_login | 2023-03-21 18:39:44 | ✕ |
| Key | Value | |

Send Preview Add to collection

Body Cookies (undefined) Headers (8) STATUS 200 OK TIME 24 ms

Pretty Raw Preview JSON XML

```
1 {
2   "status": 200,
3   "pesan": "Ubah Data Sukses.",
4   "status_ubah": true,
5   "tokenyyaa": "Hidden",
6   "error": null,
7   "data": {
8     "fieldCount": 0,
9     "affectedRows": 1,
10    "insertId": 0,
11    "serverStatus": 2,
12    "warningCount": 0,
13    "message": "(Rows matched: 1 Changed: 1 Warnings: 0",
14    "protocol41": true,
15    "changedRows": 1
16  }
17 }
```

- Hapus Data-

http://localhost:81/api/hapus_dataU

form-data x-www-form-urlencoded raw

| | | |
|-------------|----------------------|---|
| token | UmVzdEFwaSNOb2RlSjM= | ✕ |
| nm_pengguna | operator | ✕ |
| Key | Value | |







Send Preview Add to collection

Body Cookies (undefined) Headers (8) STATUS 200 OK TIME 21 ms

Pretty Raw Preview JSON XML

```
1 {
2   "status": 200,
3   "pesan": "Hapus Data Sukses.",
4   "status_hapus": true,
5   "tokenyyaa": "Hidden",
6   "error": null,
7   "data": {
8     "fieldCount": 0,
9     "affectedRows": 1,
10    "insertId": 0,
11    "serverStatus": 2,
12    "warningCount": 0,
13    "message": "",
14    "protocol41": true,
15    "changedRows": 0
16  }
17 }
```

- Hasil di localhost phpmyadmin -

| | | | | nm_pengguna | psw_pengguna | level_user | status_akun | terakhir_login |
|--------------------------|---|---|---|-------------|--------------|------------|-------------|---------------------|
| <input type="checkbox"/> |  |  |  | JeanRiko | 4321 | Admin | Aktif | 2022-12-17 22:54:15 |
| <input type="checkbox"/> |  |  |  | gusti | 7209 | Operator | Suspend | 2023-03-21 18:39:44 |
| <input type="checkbox"/> |  |  |  | admin | 5678 | Admin | Aktif | 2022-12-17 22:53:53 |