## TUGAS 7

```
刘 Welcome
                JS index.js
                                 JS db.js
                                                  JS kk.js
config > JS db.js > ...
       let mysql = require('mysql');
        let connection = mysql.createConnection({
            host:
                       'root',
            user:
            password: '',
           database: 'latihan'
       });
       connection.connect(function (error) {
            if(!!error){
                console.log(error)
            }else{
                console.log('koneksi berhasil');
       })
       module.exports = connection;
  18
```

```
刘 Welcome
                Js index.js
                                                 JS kk.js
                                 JS db.js
                                                                 JS ktp.js
 JS index.js > ...
       const express = require('express')
       const app = express()
       const port = 3000
       const bodyPs = require('body-parser');
       app.use(bodyPs.urlencoded({ extended: false}));
       app.use(bodyPs.json());
       app.get('/', (req, res) => {
           res.send("Halo Shera!")
       });
  12
       const ktpRouter = require('./routes/ktp');
       app.use('/api/ktp', ktpRouter);
       mst kkRouter = require('./routes/kk');
       app.use('/api/kk', kkRouter);
  17
       app.listen(port, () => {
            console.log(`aplikasi berjalan di http:://localhost:${port}`)
       })
```

← → C ① localhost:3000

Halo Shera!

```
⋈ Welcome
                  JS index.js
                                   JS db.js
                                                    JS kk.js
                                                                      Js ktp.js
                                                                                   ×
routes > JS ktp.js > ...
       const express = require('express');
        const router = express.Router();
        const {body, validationResult } = require('express-validator');
        const connection = require('../config/db.js');
     > router.get('/', function (req, res){ ···
  24 > router.post('/store', [ ···
        })
      > router.get('/(:id)', function (req, res) { ...
      > router.patch('/update/(:id)', []...
  95
      > router.delete('/delete/(:id)', function(req, res){...
        })
        module.exports = router;
        router.get('/', function (req, res){
            connection.query('select * from ktp order by nik desc', function(err, rows){
                if(err){
                    return res.status(500).json({
                        status: false,
                        message: 'Server Failed',
  12
  13
                }else{
  15
                    return res.status(200).json({
                        status: true,
                        message: 'Data KTP',
                        data: rows
                    })
            })
        });

□ Save

 http://localhost:3000/api/ktp
                 http://localhost:3000/api/ktp
                                                                               Send
  GET
              Headers (8)
                                                                                  Cookies
Params
        Auth
                          Body • Pre-req.
                                          Tests Settings
Query Params
                                                                             ••• Bulk Edit
        Key
                                   Value
                                                              Description
        Key
                                   Value
                                                               Description
```

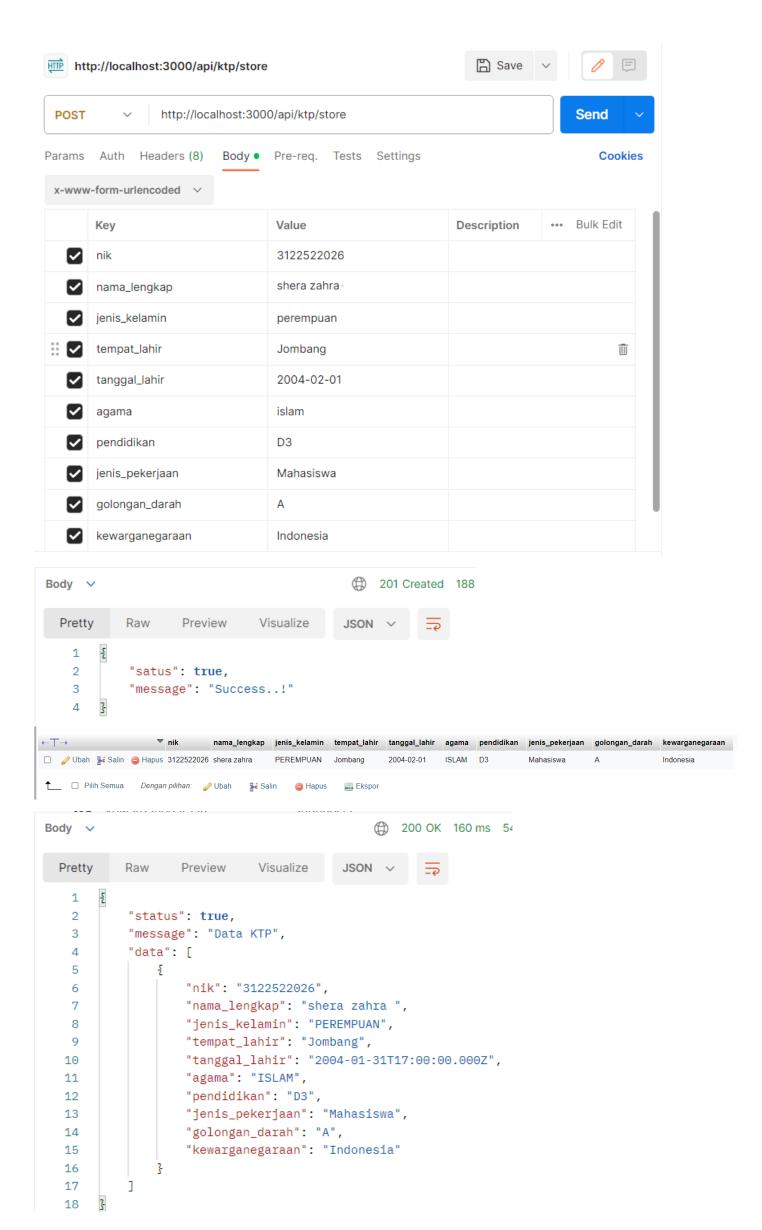
```
Pretty Raw Preview Visual

1 {
2    "status": true,
3    "message": "Data KTP",
4    "data": []
5 }
```

## Untuk menambahkan data

```
router.post('/store', [
         body('nik').notEmpty(),
         body('nama_lengkap').notEmpty(),
         body('jenis_kelamin').notEmpty(),
         body('tempat_lahir').notEmpty(),
         body('tanggal_lahir').notEmpty(),
         body('agama').notEmpty(),
         body('pendidikan').notEmpty(),
         body('jenis_pekerjaan').notEmpty(),
         body('golongan_darah').notEmpty(),
         body('kewarganegaraan').notEmpty()
     ],(req, res) => {
         const error = validationResult(req);
         if(!error.isEmpty()){
             return res.status(422).json({
                 error: error.array()
             })
         let Data = {
42
             nik: req.body.nik,
             nama lengkap: req.body.nama lengkap,
             jenis_kelamin: req.body.jenis_kelamin,
             tempat_lahir: req.body.tempat_lahir,
             tanggal_lahir: req.body.tanggal_lahir,
47
             agama: req.body.agama,
             pendidikan: req.body.pendidikan,
             jenis_pekerjaan: req.body.jenis_pekerjaan,
             golongan_darah: req.body.golongan_darah,
             kewarganegaraan: req.body.kewarganegaraan
```

```
connection.query('insert into ktp set ?', Data, function(err, rows){
    if(err){
        return res.status(500).json({
            status: false,
            message: 'Server Error',
        })
    }else{
        return res.status(201).json({
            satus: true,
            message: 'Success..!',
            data: rows[0]
        })
    }
}
```



```
router.get('/(:id)', function (req, res) {
            let id = req.params.id;
            connection.query(`select * from ktp where nik = ${id}`, function (err, rows) {
                if(err){
                    return res.status(500).json({
                        status: false,
                        message: 'Server Error',
                if(rows.length <=0){
                    return res.status(404).json({
                        status: false,
message: 'Not Found',
  84
                    return res.status(200).json({
                        status: true,
                        message: 'Data KTP',
                        data: rows[0]
                    })
            })
                                                              🖺 Save
                                                                                          </>>
http://localhost:3000/api/ktp/3122522026
                                                                            Send
 GET
                http://localhost:3000/api/ktp/3122522026
Body ~
                                                   (200 OK 11 ms 542 B)
 Pretty
            Raw
                    Preview
                                Visualize
                                             JSON
   1
   2
            "status": true,
   3
            "message": "Data KTP",
   4
            "data": {
   5
                "nik": "3122522026",
                "nama_lengkap": "shera zahra ",
   6
   7
                "jenis_kelamin": "PEREMPUAN",
                "tempat_lahir": "Jombang",
   8
                "tanggal_lahir": "2004-01-31T17:00:00.000Z",
                "agama": "ISLAM",
  10
                "pendidikan": "D3",
  11
                "jenis_pekerjaan": "Mahasiswa",
  12
                "golongan_darah": "A",
  13
                "kewarganegaraan": "Indonesia"
  14
  15
  16
        3
```

```
router.patch('/update/(:id)', [
          body('nik').notEmpty(),
          body('nama_lengkap').notEmpty(),
          body('jenis kelamin').notEmpty(),
          body('tempat_lahir').notEmpty(),
          body('tanggal_lahir').notEmpty(),
100
          body('agama').notEmpty(),
          body('pendidikan').notEmpty(),
103
          body('jenis_pekerjaan').notEmpty(),
          body('golongan_darah').notEmpty(),
104
          body('kewarganegaraan').notEmpty()
      ], (req,res) => {
          const error = validationResult(req);
          if(!error.isEmpty()){
              return res.status(422).json({
                  error: error.array()
110
              });
111
113
          let id = req.params.id;
114
          let Data = {
115
              nik: req.body.nik,
              nama_lengkap: req.body.nama_lengkap,
116
              jenis kelamin: req.body.jenis kelamin,
117
              tempat lahir: req.body.tempat lahir,
118
119
              tanggal_lahir: req.body.tanggal_lahir,
              agama: req.body.agama,
120
              pendidikan: req.body.pendidikan,
              jenis_pekerjaan: req.body.jenis_pekerjaan,
123
              golongan_darah: req.body.golongan_darah,
124
              kewarganegaraan: req.body.kewarganegaraan
```

```
connection.query(`update ktp set ? where nik = ${id}`, Data, function (err, rows) {
    if(err){
        return res.status(500).json({
            status: false,
            message: 'Server Error',
        })
}

lacety

connection.query(`update ktp set ? where nik = ${id}`, Data, function (err, rows) {
    if(err){
            status: false,
            message: 'Server Error',
        })

    }

lacety

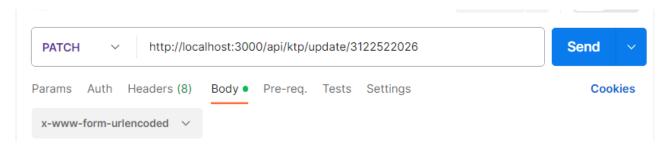
connection.query(`update ktp set ? where nik = ${id}`, Data, function (err, rows) {
    if(err){
            status: false,
            message: 'Server Error',
        })
    }

lacety

connection.query(`update ktp set ? where nik = ${id}`, Data, function (err, rows) {
    if(err){
            status: false,
            message: 'Server Error',
        })

lacety

lacety
```



	Key	Value	Descr
$\checkmark$	nik	3122522026	
$\checkmark$	nama_lengkap	shera zahra	
$\checkmark$	jenis_kelamin	perempuan	
$\checkmark$	tempat_lahir	Jombang	
$\checkmark$	tanggal_lahir	2004-02-01	
$\checkmark$	agama	islam	
$\checkmark$	pendidikan	S2	
$\checkmark$	jenis_pekerjaan	Pengusaha	
$\checkmark$	golongan_darah	А	
$\checkmark$	kewarganegaraan	Indonesia	

```
Body ~
                                                       (D) 200 OK 12 m
  Pretty
             Raw
                      Preview
                                   Visualize
                                                 JSON
    1
              "status": true,
    2
             "message": "Data KTP",
    3
              "data": {
    4
                  "nik": "3122522026",
    5
                  "nama_lengkap": "shera zahra ",
"jenis_kelamin": "PEREMPUAN",
    6
    7
                  "tempat_lahir": "Jombang",
    8
                  "tanggal_lahir": "2004-01-31T17:00:00.000Z",
    9
                  "agama": "ISLAM",
   10
                  "pendidikan": "S2",
   11
                  "jenis_pekerjaan": "Pengusaha",
"golongan_darah": "A",
   12
   13
                  "kewarganegaraan": "Indonesia"
   14
   15
   16
        3
```

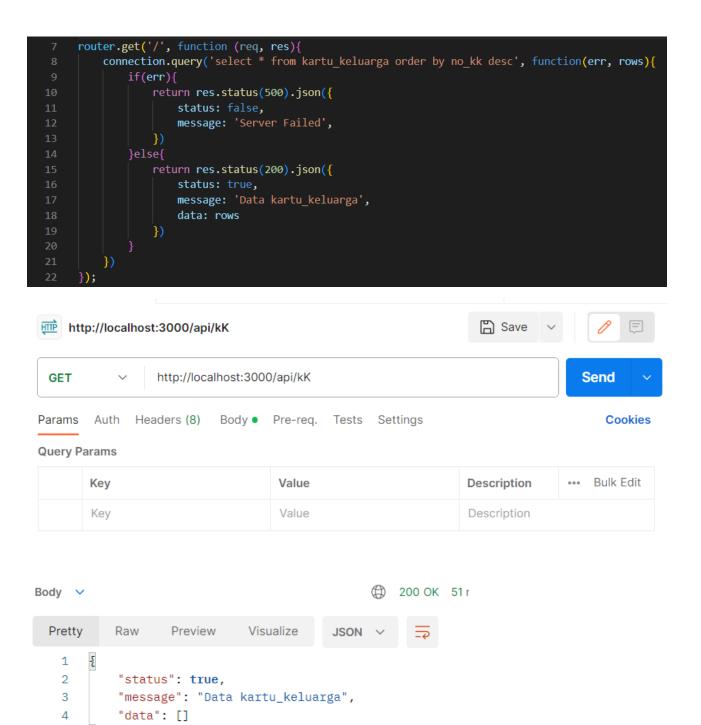
← <del></del> <del> </del> →	nik	nama_lengkap	jenis_kelamin	tempat_lahir	tanggal_lahir	agama	pendidikan	jenis_pekerjaan	golongan_darah	kewarganegaraan
□ 🖉 Ubah 👫 Salin 🥥 Hapus	3122522026	shera zahra	PEREMPUAN	Jombang	2004-02-01	ISLAM	S2	Pengusaha	Α	Indonesia

```
router.delete('/delete/(:id)', function(req, res){
            let id = req.params.id;
            connection.query(`delete from ktp where nik = ${id}`, function (err, rows) {
                if(err){
                     return res.status(500).json({
                         status: false,
                         message: 'Server Error',
                    return res.status(500).json({
                         status: true,
                         message: 'Data berhasil di hapus!',
  DELETE
                  http://localhost:3000/api/ktp/delete/3122522026
                                                                                 Send
Body ~
                                     (1) 500 Internal Server Error 66 ms
  Pretty
            Raw
                    Preview
                                Visualize
                                             JSON
    1
    2
             "status": true,
    3
            "message": "Data berhasil di hapus!"
    4
        3-
Profil [Edit dikotak] [Ubah] [Jelaskan SQL] [Buat kode PHP] [Segarkan]
id_detail no_kk nik status_hubungan_dalam_keluarga ayah ibu
 Operasi hasil kueri
```

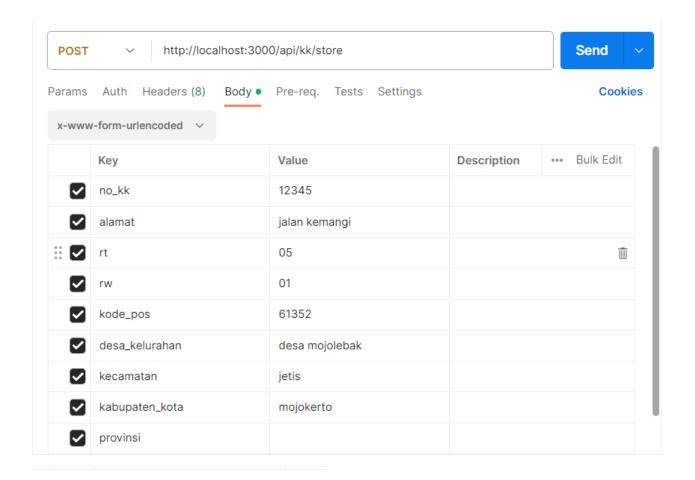
## KARTU KELUARGA

```
routes > J5 kkjs > ...

1   const express = require('express');
2   const router = express.Router();
3   const {body, validationResult } = require('express-validator');
4
5   const connection = require('../config/db.js');
6
7   > router.get('/', function (req, res){...
22   });
23
24   > router.post('/store', [...
66   })
67
68   > router.get('/(:id)', function (req, res) {...
91   })
92
93   > router.patch('/update/(:id)', [...
135   })
136
137   > router.delete('/delete/(:id)', function(req, res){...
152   })
153
154   module.exports = router;
```



```
router.post('/store', [
         body('no_kk').notEmpty(),
         body('alamat').notEmpty(),
         body('rt').notEmpty(),
         body('rw').notEmpty(),
         body('kode_pos').notEmpty(),
         body('desa_kelurahan').notEmpty(),
         body('kecamatan').notEmpty(),
         body('kabupaten_kota').notEmpty(),
         body('provinsi').notEmpty()
     ],(req, res) => {
         const error = validationResult(req);
         if(!error.isEmpty()){
             return res.status(422).json({
                 error: error.array()
             })
         let Data = {
             no kk: req.body.no kk,
             alamat: req.body.alamat,
             rt: req.body.rt,
44
             rw: req.body.rw,
             kode_pos: req.body.kode_pos,
             desa_kelurahan: req.body.desa_kelurahan,
             kecamatan: req.body.kecamatan,
             kabupaten_kota: req.body.kabupaten_kota,
             provinsi: req.body.provinsi
```

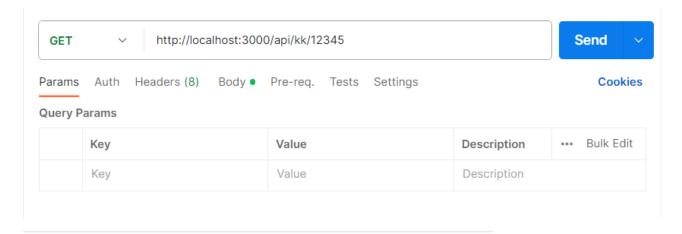




```
rt rw kode_pos desa_kelurahan kecamatan kabupaten_kota provinsi

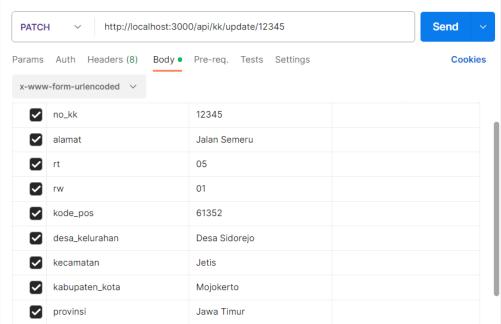
□ ❷ Ubah ♣ Salin ⊜ Hapus 12345 jalan kemangi 05 01 61352 desa mojolebak jetis mojokerto Jawa Timur

□ Pilih Semua Dengan pilihan: ❷ Ubah ♣ Salin ⊜ Hapus ➡ Ekspor
```



```
200 OK 51 ms 4
Body ~
  Pretty
            Raw
                    Preview
                               Visualize
                                            JSON
   1
    2
            "status": true,
    3
            "message": "Data kartu_keluarga",
    4
            "data": {
    5
                "no_kk": "12345",
                "alamat": "jalan kemangi",
    6
   7
                "rt": "05",
   8
                "rw": "01",
                "kode_pos": "61352",
   9
  10
                "desa_kelurahan": "desa mojolebak",
  11
                "kecamatan": "jetis",
  12
                "kabupaten_kota": "mojokerto",
  13
                "provinsi": "Jawa Timur"
  14
  15
```

```
router.patch('/update/(:id)', [
          body('no_kk').notEmpty(),
          body('alamat').notEmpty(),
95
          body('rt').notEmpty(),
body('rw').notEmpty(),
          body('kode_pos').notEmpty(),
          body('desa_kelurahan').notEmpty(),
          body('kecamatan').notEmpty(),
          body('kabupaten_kota').notEmpty(),
          body('provinsi').notEmpty()
      ], (req,res) => {
          const error = validationResult(req);
104
           if(!error.isEmpty()){
               return res.status(422).json({
                   error: error.array()
               });
110
          let id = req.params.id;
           let Data = {
111
112
               no kk: req.body.no kk,
               alamat: req.body.alamat,
               rt: req.body.rt,
114
115
               rw: req.body.rw,
116
               kode pos: req.body.kode pos,
               desa_kelurahan: req.body.desa_kelurahan,
118
               kecamatan: req.body.kecamatan,
               kabupaten_kota: req.body.kabupaten_kota,
119
120
               provinsi: req.body.provinsi
121
```



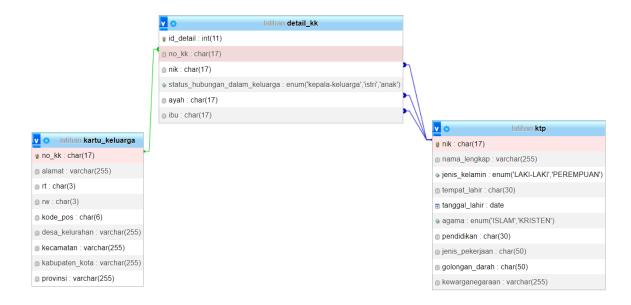


```
The point of the provincial content of the
```

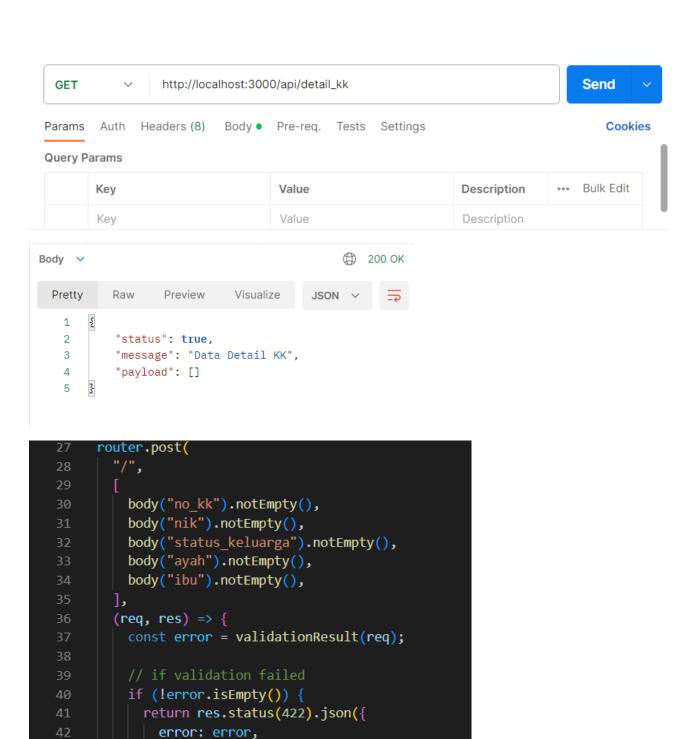
```
Body ~
         Raw Preview Visualize
 Pretty
                                     JSON V
   1 {
          "status": true,
          "message": "Data kartu_keluarga",
   3
   4
          "data": {
              "no_kk": "12345",
   5
              "alamat": "Jalan Semeru",
   6
              "rt": "05",
              "rw": "01",
   8
  9
             "kode_pos": "61352",
              "desa_kelurahan": "Desa Sidorejo",
  10
              "kecamatan": "Jetis",
  11
             "kabupaten_kota": "Mojokerto",
  12
              "provinsi": "Jawa Timur"
  13
  14
  15 }
```

---

```
router.delete('/delete/(:id)', function(req, res){
           let id = req.params.id;
           connection.query(`delete from kartu_keluarga where no_kk = ${id}`, function (err, rows) {
               if(err){
                  return res.status(500).json({
                      status: false,
                      message: 'Server Error',
                  return res.status(500).json({
                      status: true,
                      message: 'Data berhasil di hapus!',
       module.exports = router;
                                                                                      Send
  DELETE
                   http://localhost:3000/api/kk/delete/12345
         Auth
               Headers (8)
                           Body • Pre-req. Tests Settings
                                                                                          Cookies
Params
Query Params
                                     Value
                                                                   Description
                                                                                  ••• Bulk Edit
        Key
                                          500 Internal Server Error
Body V
  Pretty
            Raw
                     Preview
                                 Visualize
                                               JSON
    1
    2
             "status": true,
    3
             "message": "Data berhasil di hapus!"
    4
Profil [Edit dikotak] [Ubah] [Jelaskan SQL] [Buat kode PHP] [Segarkan]
 no_kk alamat rt rw kode_pos desa_kelurahan kecamatan kabupaten_kota provinsi
  Operasi hasil kueri
```



```
⋈ Welcome
                                 JS db.js
                                                  JS kk.js
                 JS index.js
                                                                   JS ktp.js
routes > JS detail.js > ...
       const express = require('express');
       const router = express.Router();
       const { body, validationResult } = require("express-validator");
       const connect = require('../config/db.js');
   7 > router.get("/", (req, res) => { ···
       });
  26
  27 > router.post(...
       );
     > router.get("/(:id)", (req, res) => { ...
     > router.patch("/(:id)", [body("status_keluarga").notEmpty()], (req,
 124
 125
 126 > router.delete("/(:id)", (req, res) => { ···
        });
       module.exports = router;
 146
```



});

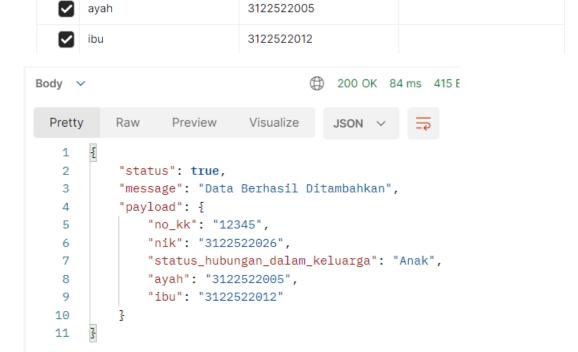
let data = {

no\_kk: req.body.no\_kk,
nik: req.body.nik,

ayah: req.body.ayah,
ibu: req.body.ibu,

status\_keluarga: req.body.status\_keluarga,

```
connect.query("INSERT INTO detail_kk SET ? ", data, (err, rows) => {
              if (err) {
                return res.status(500).json({
                  status: false,
                  message: "Internal Server Error",
                  error: err,
                });
                return res.status(200).json({
                  status: true,
 62
                  message: "Data Berhasil Ditambahkan",
                  payload: data,
 64
                });
            });
 POST
               http://localhost:3000/api/detail_kk/store
                                                                  Send
                       Body • Pre-req. Tests Settings
Params Auth Headers (8)
                                                                     Cookies
 x-www-form-urlencoded ~
      Key
                             Value
                                                    Descript...
                                                             ••• Bulk Edit
  no_kk
                             12345
```



3122522026

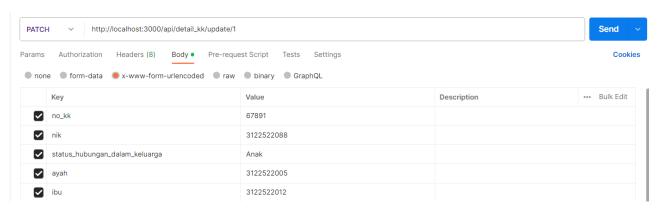
nik

status\_hubungan\_dalam\_k... Anak



```
router.get("/(:id)", (req, res) => {
        let id = req.params.id;
        connect.query(
          SELECT * FROM detail_kk INNER JOIN kartu_keluarga ON detail_kk.no_kk = kartu_keluarga.no_kk
          INNER JOIN ktp ON detail_kk.nik = ktp.nik WHERE id_detail='${id}'`,
 75
          (err, rows) => {
             return res.status(500).json({
               status: false,
               message: "Internal Server Error",
             return res.status(200).json({
               status: true,
message: "Data Detail KK",
               payload: rows,
                    http://localhost:3000/api/detail_kk/1
                                                                                Send
  GET
 Params
          Auth Headers (8) Body • Pre-req. Tests Settings
                                                                                    Cookies
 Query Params
                                                                            · Bulk Edit
         Key
                                    Value
                                                               Descript...
                                    Value
         Key
                                                               Description
                                          A 200 OK 114 ms 830 R Save as Example ...
Rody
Body
      Cookies
               Headers (7) Test Results
  Pretty
            Raw
                     Preview
                                 Visualize
                                               JSON
    1
    2
             "status": true,
             "message": "Data Detail KK",
    3
             "payload": [
    4
    5
    6
                      "id_detail": 1,
                      "no_kk": "12345",
    7
                      "nik": "3122522026",
    8
    9
                      "status_hubungan_dalam_keluarga": "anak",
   10
                      "ayah": "3122522005",
                      "ibu": "3122522012",
   11
   12
                      "alamat": "Jalan Semeru",
   13
                      "rt": "05",
                      "rw": "01",
   14
                      "kode_pos": "61352",
   15
   16
                      "desa_kelurahan": "Desa Sidorejo",
                      "kecamatan": "Jetis",
   17
                      "kabupaten_kota": "Mojokerto",
   18
                      "provinsi": "Jawa Timur",
   19
                      "nama_lengkap": "shera zahra",
   20
   21
                      "jenis_kelamin": "PEREMPUAN",
                      "tempat_lahir": "Jombang",
   22
                      "tanggal_lahir": "2004-01-31T17:00:00.000Z",
   23
                      "agama": "ISLAM",
   24
   25
                      "pendidikan": "S2",
   26
                      "jenis_pekerjaan": "Pengusaha",
                      "golongan_darah": "A",
   27
```

```
router.patch("/(:id)", [body("status_keluarga").notEmpty()], (req, res) =>
        const error = validationResult(req);
 94
        if (!error.isEmpty()) {
          return res.status(422).json({
            error: error,
          });
        let id = req.params.id;
        let data = {
104
          status keluarga: req.body.status keluarga
        };
        connect.query(
          `UPDATE detail_kk SET ? WHERE id_detail='${id}'`,
          data,
          (err, rows) => {
            if (err) {
110
              return res.status(500).json({
111
                status: false,
                message: "Internal Server Error",
                error: err,
115
              });
116
              return res.status(200).json({
                status: true,
                message: "Data detail KK berhasil diupdate",
                payload: data,
120
              });
121
122
125
```



```
Body Cookies Headers (7) Test Results
                                           JSON V
  Pretty
           Raw
                    Preview
                               Visualize
    1
    2
            "status": true,
            "message": "Data detail KK berhasil diupdate",
    3
            "payload": {
    4
                "status_hubungan_dalam_keluarga": "Anak"
    5
    6
    7
        3
```

```
router.delete("/delete/(:id)", (req, res) => {
127
        let id = req.params.id;
128
129
        connect.query(
130
           `DELETE FROM detail_kk WHERE id_detail='${id}'`,
           (err, rows) => {
             if (err) {
132
133
               return res.status(500).json({
                 status: false,
134
                message: "Internal Server Error",
              });
138
              return res.status(200).json({
                 status: true,
                 message: "Data detail KK berhasil didelete",
               });
142
       }<mark>)</mark>;
      module.exports = router;
```

