

Test coding APBATECH, 26 Mei 2023

Konsep penulisan laporan Soal -> jawaban

1. Membuat struktur database

Dibuat struktur dari Laravel dan di migrasi ke mysql

```
Schema::create('antrian_soals', function (Blueprint $table) {
    $table->id('int');
    $table->string('nomorantrean')->nullable();
    $table->string('angkaantrean')->nullable();
    $table->string('norm')->nullable();
    $table->string('namapoli')->nullable();
    $table->string('kodepoli')->nullable();
    $table->string('tglpriksa')->nullable();
    $table->string('nomorkartu')->nullable();
    $table->string('nik')->nullable();
    $table->string('keluhan')->nullable();
    $table->integer('statusdipanggil')->default(0);
    $table->timestamps();
});

Schema::create('users', function (Blueprint $table) {
    $table->id();
    $table->string('name');
    $table->string('username')->unique();
    $table->timestamp('email_verified_at')->nullable();
    $table->string('password');
    $table->rememberToken();
    $table->timestamps();
});
```

2. Membuat proses autentikasi

Dibuat dengan route api Laravel dan di proses di controller

Route:

```
// Route::post('register', [AuthController::class, 'register'])->name('api.register');
Route::post('auth', [AuthController::class, 'auth'])->name('api.auth');
```

Controller :

```
public function auth(Request $request)
{
    if (!Auth::attempt($request->only('username', 'password'))) {
        return response()->json(['message' => 'Unauthorized'], 401);
    }
    $user = User::where('username', $request['username'])->firstOrFail();
    $token = $user->createToken('auth_token')->plainTextToken;
    return response()->json([
        'response' => [
            'token' => $token
        ],
        'metadata' => [
            'message' => 'ok',
            'code' => 200
        ]
    ]);
}
```

Response berhasil:

POST http://localhost:8000/api/auth

Key	Value
username	taufit23
password	Taufit23

```
{
  "response": {
    "token": "2|oIiXKjTLUIQ6sWHDRGmjFdXzRwx2aczuD04yj0"
  },
  "metadata": {
    "message": "ok",
    "code": 200
  }
}
```

Response gagal

POST http://localhost:8000/api/auth

Params Auth Headers (8) Body Pre-req. Tests Settings

form-data

	Key	Value		Bulk Edit
<input checked="" type="checkbox"/>	username	taufit23		
<input checked="" type="checkbox"/>	password	Taufit2		

Body Cookies Headers (10) Test Results

Pretty Raw Preview Visualize

```
1
2
3
{"message": "Unauthorized"}
```

3. Mendapatkan status antrian berdasarkan kode poli dan tanggal periksa
Data di tangkap menggunakan route api Laravel dan di lemparkan pengelolaannya di controller
Route (juga berlaku untuk jawaban no 4, 5, 6)

```
// Route::apiResource('private/portfolio', PortfolioController::class);
Route::get('antrean/status/{kodePoli}/{tanggalPeriksa}', [StatusAntrean::class, 'statusAntrian']);
Route::get('/antrean/sisapeserta/{nomorkartu}/{kode_poli}/{tanggalperiksa}',
[StatusAntrean::class, 'sisapeserta']);
Route::put('/antrean/batal/{int}', [StatusAntrean::class, 'batal']);
Route::post('antrean/', [StatusAntrean::class, 'new']);
// API route for logout user
Route::post('logout', [AuthController::class, 'logout'])->name('api.logout');
```

Controller :

```
public function statusAntrian($kodePoli, $tanggalPerikasa)
{
    $antrian = AntrianSoal::all();
    $antrianbelumpanggil = $antrian->where('statusdipanggil', 0)->count();
    $antrianstatus = AntrianSoal::where('kodepoli', $kodePoli)->where('tglpriksa', $tanggalPerikasa)->first();
    return response()->json([
        'response' => [
            'namapoli' => $antrianstatus->namapoli,
            'totalantrean' => $antrian->count(),
            'sisaaantrean' => $antrianbelumpanggil,
            'antreanpanggil' => $antrianstatus->nomorantrean,
            'keterangan' => ''
        ],
        'metadata' => [
            'message' => "Ok",
            'code' => 200
        ]
    ]);
}
```

Response:

GET <http://localhost:8000/api/antrean/status/1/2023-04-02>

Params ▼ ...

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

Body Cookies Headers (10) Test Results

Pretty Raw Preview Visualize JSON

```

1  {
2    "response": {
3      "namapoli": "POLI KANDUNGAN",
4      "totalantrean": 4,
5      "sisaaantrean": 3,
6      "antreanpanggil": "A1",
7      "keterangan": ""
8    },
9    "metadata": {
10     "message": "Ok",
11     "code": 200
12   }
13 }

```

4. Ambil antrian & jika tidak ada buat antrian baru
Controller :

```

public function new(Request $request)
{
    $data = AntrianSoal::where('nomorkartu', $request->nomorkartu)->first();
    if ($data) {
        return response()->json([
            'response' => $data,
            'metadata' => [
                'message' => "Sukses",
                'code' => 200
            ]
        ]);
    } else {
        > $validator = Validator::make($request->all(), [ ...
        ]);
        // dd($validator);
        if ($validator->fails()) {
            return response()->json(['status' => 'Error', 'code' => 201, 'errors' => $validator->errors()]);
        } else { ...
        }
        return response()->json([
            'response' => $antrian,
            'metadata' => [
                'message' => "Pasien baru",
                'code' => 202
            ]
        ]);
    }
}

```

Response :

POST http://localhost:8000/api/antrian

Params Auth Headers (9) Body Pre-req. Tests Settings

form-data

Key	Value	Bulk Edit
<input checked="" type="checkbox"/> nomorkartu	5	
<input checked="" type="checkbox"/> nomorantrean	A4	
<input checked="" type="checkbox"/> norm	12	
<input checked="" type="checkbox"/> namapoli	Text Poli Kandungan	
<input checked="" type="checkbox"/> kodepoli	12	
<input checked="" type="checkbox"/> tglpriksa	2021-02-19	
<input checked="" type="checkbox"/> nik	12	
<input checked="" type="checkbox"/> keluhan	Sakit GIGI	
<input checked="" type="checkbox"/> statusdipanggil	0	
<input checked="" type="checkbox"/> angkaantrean	4	

Body Cookies Headers (10) Test Results

Pretty Raw Preview Visualize JSON

```

1  {
2    "response": {
3      "nomorantrean": "A4",
4      "norm": "12",
5      "namapoli": "Poli Kandungan",
6      "kodepoli": "12",
7      "tglpriksa": "2021-02-19",
8      "nomorkartu": "5",
9      "nik": "12",
10     "keluhan": "Sakit GIGI",
11     "statusdipanggil": "0",
12     "angkaantrean": "4",
13     "updated_at": "2023-05-26T06:02:11.609000Z",
14     "created_at": "2023-05-26T06:02:11.609000Z",
15     "id": 697
16   },
17   "metadata": {
18     "message": "Pasien baru",
19     "code": 202
20   }
21 }

```

5. Menghitung sisa antrian

Controller :

```

public function sisapeserta($nomorkartu, $kode_poli, $tanggalperiksa)
{
    $sisapeserta = AntrianSoal::all();
    $antriansekarang = $sisapeserta->where('kodepoli', $kode_poli)->where('tglpriksa', $tanggalperiksa)->where('nomorkartu', $nomorkartu)
->first();
    $sisaantrian = $sisapeserta->where('statuspanggil', 0)->count() - $sisapeserta->where('statuspanggil', 1)->count();
    // dd($sisaantrian);
    return response()->json([
        'response' => [
            "nomorantrean" => $antriansekarang->nomorantrean,
            "namapoli" => $antriansekarang->namapoli,
            "sisaantrian" => $sisaantrian,
            "antreanpanggil" => $antriansekarang->nomorantrean,
            "keterangan" => ""
        ],
        "metadata" => [
            "message" => "Ok",
            "code" => 200
        ]
    ]);
}

```

Response :

GET http://localhost:8000/api/antrian/sisapeserta/1/1/2023-04-02

Params Auth Headers (7) Body Pre-req. Tests Settings

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body Cookies Headers (10) Test Results

Pretty Raw Preview Visualize JSON

```

1  {
2    "response": {
3      "nomorantrean": "A1",
4      "namapoli": "POLI KANDUNGAN",
5      "sisaantrian": 4,
6      "antreanpanggil": "A1",
7      "keterangan": ""
8    },
9    "metadata": {
10     "message": "Ok",
11     "code": 200
12   }
13 }

```

6. Membatalkan antrian

Controller :

```

public function batal($int)
{
    $antrian = AntrianSoal::where('int', $int)->first();
    // dd($antrian);
    $antrian->nomorantrean = null;
    $antrian->angkaantrean = null;
    $antrian->statusdipanggil = 3;
    $antrian->save();

    return response()->json([
        'response' => [

            "nomorkartu" => $antrian->nomorkartu,
            "kodepoli" => $antrian->kodepoli,
            "tanggalperiksa" => $antrian->tglprikasa
        ],
        'status' => [
            'message' => 'Antrian dibatalkan',
            'code' => 200
        ]
    ]);
}

```

Response :

