DocGL API description

General notes:

- Each request (except login) has to have the following header: Authorization: Bearer <token>
- If header is not presented or not valid, endpoints return 401
- If input JSON is not valid, endpoints return 400

POST /api/auth/registration

Registration endpoint

Status code:

- 200 – OK

Sample request:

```
{
  "firstName": "Rasticek",
  "lastName": "Ruscak",
  "email": "rastik@ruscak.sk",
  "userType": "DOCTOR",
  "userName": "docrasto",
  "password": "docrasto",
  "specialization": "DENTIST",
  "phone": "09454546"
}
```

Sample response:

```
{
  "doctor": {
    "id": 5,
    "firstName": "Rasticek",
    "lastName": "Ruscak",
    "email": "rastik@ruscak.sk",
    "userName": "docrasto",
    "registrationDate": 1493988888893,
    "likes": 0,
    "specialization": "DENTIST",
    "phone": "09454546",
    "blocked": false,
    "approved": false
  },
  "token": ""
}
```

Notes:

- If doctor is not approved he doesn’t receive token

- If username or email is already taken by other user than endpoint response with code 400

POST /api/auth/login

Login endpoint

Status code:

- 401 – unauthorized
- 200 – OK

Sample request:

```
{“userName” : “rastobutton”, “password” : “rastobutton123”, “userType” : “ADMIN”}
```

Sample response:

```
{
  "admin": {
    "id": 1,
    "firstName": "rasto",
    "lastName": "button",
    "email": "rasto@button.sk",
    "userName": "rastobutton",
    "passwordChanged": false
  },
  "token":
"eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJhZG1pbiIsImlkIjoxLCJqdGkiOiJhYkJGaTQxdjBnNWY1
OEFENjFpSWVBIiwiZXhwIjoxNDkzOTg3NTAwfQ.rFAbAaapbh6yfWQ3ctmHUjeARxCIjuL
7rQ51k5YQ0RA"
}
```

POST /api/auth/logout

Logout endpoint

Status code:

- 204 – OK

GET /api/registrations?timePeriod=WEEK/TODAY

Gets all registrations

Status code:

- 401 – unauthorized
- 200 – OK

Sample response:

```
[

  {
    "date": "2017-05-05",
    "count": 5
  }
]
```

GET /api/admins/{id}/profile

Gets one admin profile

Status code:

- 401 – unauthorized
- 200 – OK

Sample response:

```
{
  "id": 1,
  "firstName": "rasto",
  "lastName": "button",
  "email": "rasto@button.sk",
  "userName": "rastobutton",
  "passwordChanged": false
}
```

PUT /api/admins/{id}/profile

Updates admin profile

Status code:

- 401 – unauthorized
- 200 – OK

Sample request:

```
{
        "firstName" : "rasto",
        “lastName” : “button”,
        "password" : "rastobutton123",
        "email" : "rasto@button.sk"
}
```

Sample response:

```
{
  "id": 1,
  "firstName": "rasto",
  "lastName": "button",
  "email": "admin",
  "userName": "rastobutton",
  "passwordChanged": false
}
```

Notes:

- If any field is empty, the value will not be updated.

PUT /api/admins/{id}/profile/password

Updates admins' password

Status code:

- 401 – unauthorized
- 204 – OK

Sample request:

```
{

  "password" : "rastobutton123",
}
```

Sample response:

```
{

  "id": 1,
  "firstName": "rasto",
  "lastName": "button",
  "email": "admin",
  "userName": "rastobutton",
  "passwordChanged": false
}
```

GET /api/doctors?limit=x&start=y&sortBy=columnName&way=sortingWay&name=searchedName&spec=searchedSpecialization

Gets filtered doctors

Status code:

- 401 – unauthorized
- 200 – OK

Sample response:

```
[
  {
    "id": 1,
    "firstName": "doctor",
    "lastName": "who",
    "email": "doctor@who.sk",
    "userName": "doctorwho",
    "registrationDate": "2017-05-04",
    "likes": 10,
    "specialization": "DENTIST",
    "phone": "0949473196",
    "blocked": false,
    "approved": false
  },
  {
    "id": 2,
    "firstName": "Obi-Wan",
    "lastName": "Kenobi",
    "email": "obi.wan@kenobi.sk",
    "userName": "obiwan",
    "registrationDate": "2017-05-04",
    "likes": 5,
    "specialization": "CARDIOLOGIST",
    "phone": "0942223896",
    "blocked": false,
    "approved": false
  }
]
```

Notes:

- If no query params are presented endpoint returns all doctors

PUT /api/doctors/{id}/profile

Updates doctors profile

Status code:

- 401 – unauthorized
- 200 – OK

Sample request:

```
{

  "firstName" : "rasto",
  "lastName" : "button",
  "password" : "rastobutton123",
  "email" : "rasto@button.sk",
  "phone" : "0944341879"
}
```

Sample response:

```
{
  "id": 1,
  "firstName": "rasto",
  "lastName": "button",
  "email": "rasto@button.sk",
  "userName": "doctorwho",
  "likes": 10,
  "specialization": "DENTIST",
  "phone": "0944341879",
  "city": "Kosice",
  "workplace": "Kukucinova 5",
  "appointmentsDuration": 0,
  "blocked": false,
  "approved": false,
  "dateOfValidity": null,
  "workingHoursSet": false
}
```

Notes:

- If any input field is empty the property will not be updated

GET /api/doctors/count

Gets number of all doctors

Status code:

- 401 – unauthorized
- 200 – OK

Sample response:

```
{
  “count” : 10
}
```

GET /api/doctors/likes

Gets number of all likes

Status code:

- 401 – unauthorized
- 200 – OK

Sample response:

```
{
  “count” : 108
}
```

GET /api/doctors/specializations

Gets all specializations

Status code:

- 401 – unauthorized
- 200 – OK

Sample response:

```
[
  "DENTIST",
  "CARDIOLOGIST",
  "ORTHOPEDIST"
]
```

GET /api/doctors/{id}/appointments

Gets all doctors’ appointments

Status code:

- 401 – unauthorized
- 200 – OK

Sample response:

```
[
  {
    "id": 1,
    "note": "test",
    "patient": {
      "id": 2,
      "firstName": "Anakin",
      "lastName": "Skywalker",
      "email": "anakin@skywalker.com",
      "userName": "anakin",
      "registrationDate": "2017-05-05",
      "blocked": false
    },
    "time": "13:54:59",
    "date": "2017-05-05"
  }
]
```

PUT /api/doctors/{id}/approved

Approves selected doctor

Status code:

- 401 – unauthorized
- 204 – OK

PUT /api/doctors/{id}/blocked

Blocks/unblocks selected doctor

Status code:

- 401 – unauthorized
- 204 – OK

Sample request:

```
{

  "blocked" : true

}
```

GET /api/doctors/{id}/workingHours

Returns working hours of doctor

Status code:

- 401 – unauthorized
- 200 – OK

Sample response:

```
[

  {
    "mondayFrom": "10:40:41",
    "mondayTo": "10:40:41",
    "thursdayFrom": "10:40:41",
    "thursdayTo": "10:40:41",
    "fridayFrom": "10:40:41",
    "fridayTo": "10:40:41"
  }
]
```

Notes:

- If response is 2 item array, second item represents second working hours interval for day

POST /api/doctors/{id}/workingHours

Sets doctors working hours

Status code:

- 401 – unauthorized
- 204 – OK

Sample request:

```
[

  {
        "mondayFrom" : "8:44 am",
        "mondayTo" : "9:50 am"
  },
  {
        "mondayFrom" : "1:30 pm",
        "mondayTo" : "5:00 pm"
  }

]
```

GET /api/patients?limit=x&start=y&sortBy=columnName&way=sortingWay&name=searchedName

Gets filtered patients

Status code:

- 401 – unauthorized
- 200 – OK

Sample response:

```
[
  {
    "id": 1,
    "firstName": "patient",
    "lastName": "who",
    "email": "patient@who.cz",
    "userName": "patientwho",
    "registrationDate": "2017-05-05",
    "blocked": false
  },
  {
    "id": 2,
    "firstName": "Anakin",
    "lastName": "Skywalker",
    "email": "anakin@skywalker.com",
    "userName": "anakin",
    "registrationDate": "2017-05-05",
    "blocked": false
  }
]
```

Notes:

- If no query params are presented endpoint returns all patients

GET /api/patients/count

Gets number of all patients

Status code:

- 401 – unauthorized
- 200 – OK

Sample response:

```
{
  “count” : 10
}
```

GET /api/patients/{id}/appointments

Gets all patients’ appointments

Status code:

- 401 – unauthorized
- 200 – OK

Sample response:

```
[

  {
    "id": 1,
    "note": "test",
    "doctor": {
      "id": 1,
      "firstName": "doctor",
      "lastName": "who",
      "email": "doctor@who.sk",
      "userName": "doctorwho",
      "registrationDate": "2017-05-04",
      "likes": 10,
      "specialization": "DENTIST",
      "phone": "0949473196",
      "blocked": true,
      "approved": true
    },
    "time": "13:54:59",
    "date": "2017-05-05"
  }
]
```

PUT /api/patients/{id}/blocked

Blocks/unblocks selected patient

Status code:

- 401 – unauthorized
- 204 – OK

Sample request:

```
{
  "blocked" : true
}
```