JSON Objects returned by API:

Users (firs registered is admin by default)

REQUEST: Accsess home page.
GET http://localhost:3000/
success:
{
   "data": "Virtual observatory home page. To access the data you need to login."
}

REQUEST: Registration of user.
POST http://localhost:3000/auth/register
{

    "email": "test1@test.com",
    "password": "123ddd",
    "firstName": "Nasko",
    "lastName": "Prasko"

}

RESPONSE:
success:
{
   "email": "test1@test.com",
   "password": "$2b$10$PdhBiU8w5.HbqvxY2LgveOXP1W46VTHMfsHRFmTk6eJHoVxj0nIuy",
   "firstName": "Nasko",
   "lastName": "Prasko",
   "id": 5,
   "isAdmin": false
}

failure:
{
   "statusCode": 409,
   "error": "Conflict",
   "message": "This email is already registered."
}

REQUEST: Log in
POST http://localhost:3000/auth/login

success:
*eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJlbWFpbCI6InRlc3QxQHRlc3QuY29tIiwiaXNBZG1p
biI6ZmFsc2UsImlhdCI6MTU0Njc3Mjk2NSwiZXhwIjoxNTQ3Mzc3NzY1fQ.ICRGtenG9qj0TYGAbV
NmfiXjXiCQnntRzBAgkhANla0*

failure:
{
   "statusCode": 400,
   "error": "Bad Request",
   "message": "Wrong credentials."

}

REQUEST: Fill the database with a test data.
GET http://localhost:3000/test-data/

success:
{
Succsessfuly insert test data.
}

failure:
{
   "statusCode": 500,
   "message": "Internal server error"
}

REQUEST: Get all users. Only for authorized users.
GET http://localhost:3000/users/

success:
[
   {
      "id": 1,
      "email": "test@test.com",
      "password": "$2b$10$m2FxJjbknZftgAZ.r6O6I.bLpiumCxUMtrNc0HTNy3LPzUs3h72J6",
      "firstName": "admin",
      "lastName": "admin",
      "isAdmin": true
   },
   {
      "id": 2,
      "email": "test1@gmail.com",
      "password": "$2b$10$ess71L184lMluvhDPPXiCOWGFR9/LcyAtJDFV4VnxicqJpvsAPNxK",
      "firstName": "Ivan",
      "lastName": "Ivanov",
      "isAdmin": false
   },
   {
      "id": 3,
      "email": "test2@gmail.com",
      "password": "$2b$10$iHEE6Jn86xH07YHfPXVMIeUXGi5ruPgBSh2ehqSCtND8r.Z5IdUTC",
      "firstName": "Pesho",
      "lastName": "Peshev",
      "isAdmin": false
   }
]

failure:
{
   "statusCode": 401,
   "error": "Unauthorized"

```
}

{
    "statusCode": 403,
    "error": "Forbidden",
    "message": "Forbidden resource"
}
```

REQUEST: Get user by id. Only for authorized users.
GET http://localhost:3000/users/1

success:
```
{
    "id": 1,
    "email": "test@test.com",
    "password": "$2b$10$m2FxJjbknZftgAZ.r6O6I.bLpiumCxUMtrNc0HTNy3LPzUs3h72J6",
    "firstName": "admin",
    "lastName": "admin",
    "isAdmin": true
}
```

failure:
```
{
    "statusCode": 404,
    "error": "Not Found",
    "message": "No such user."
}
```

REQUEST: Get all instruments or specific instrument. Only for authorized users.
GET http://localhost:3000/instruments/   or   http://localhost:3000/instruments/1

success:
```
[
    {
        "id": 1,
        "name": "ESpeRo",
        "setupInfo": "Eshell Spectrograph Rozhen (optical fiber), Spectral Range = 3900-8500 A,
Resolution = 30000"
    },
    {
        "id": 2,
        "name": "FoReRo2",
        "setupInfo": "Focal Reducer Rozhen 2, Multi-mode instrument for observation of Solar System
Bodies"
    },
    {
        "id": 3,
        "name": "RCC-focus",
        "setupInfo": "Ritchey–Chretien prime focus, CCD VersArray 1340x1300 pix, 12.8\"/pix"
    }
]
```

failure:
```
{
    "statusCode": 404,
    "error": "Not Found",
    "message": "No such instrument."
}
```

REQUEST: Add new instrument. Only for authorized users.
PUT http://localhost:3000/instruments/
```
{
    "name": "FIGO",
    "setupInfo": "Beamsplitter fiber injection unit"
}
```

Success:
```
{
    "name": "FIGO",
    "setupInfo": "Beamsplitter fiber injection unit",
    "id": 7
}
```

failure:
```
{
    "statusCode": 409,
    "error": "Conflict",
    "message": "The project already exist."
}
```

REQUEST: Get the object types. Only for authorized users.
GET http://localhost:3000/object-types/

success:
```
[
    {
        "id": 6,
        "type": "asteroid"
    },
    {
        "id": 4,
        "type": "binary star"
    },
    {
        "id": 5,
        "type": "comet"
    },
    {
        "id": 1,
        "type": "galaxy"
    },
    {
        "id": 2,
```

```
      "type": "planet"
    },
    {
      "id": 7,
      "type": "small body"
    },
    {
      "id": 3,
      "type": "star"
    }
]
```
failure:
```
{
    "statusCode": 404,
    "error": "Not Found",
    "message": "No such object type."
}
```

REQUEST: Add new object type. Only for authorized users.
POST http://localhost:3000/object-types/
```
{
        "type": "red giant"
}
```

success:
```
{
    "type": "red giant",
    "id": 8
}
```

failure:
```
{
    "statusCode": 409,
    "error": "Conflict",
    "message": "The object type already exist."
}
```

REQUEST: Update the object type name. Only for authorized users.
PUT http://localhost:3000/object-types
```
{
        "insertedType": "star",
        "typeToAlter": "nebula"
}
```

success:
```
{
    "id": 6,
    "type": "nebula"
}
```

failure:
```
{
```

```
    "statusCode": 404,
    "error": "Not Found",
    "message": "No such object type."
}
```