

Todd's Syndrome Project

The project is done for Android and contains the following packages:

- activity -> Has all the activities of the app, which are responsible to control the flow and to present the proper information in the app screens.
- adapter -> Contain the HistoryAdapter class that materialize the views for the HistoryActivity.
- logic -> Responsible for all the logic about giving the final probability of Todd's Syndrome according to the requirements specified in the e-mail.
- model -> Has the Patient class, used as the only table of the database to keep the patient's informations (I used ActiveAndroid to persist the model object).

API

Endpoint: www.mozio.com

Method: POST

Path: /login

Request (Content-type application/json): (Header Authorization with access token)

```
{
  "email": "example@example.com",
  "password": "123"
}
```

Response (Content-type application/json):

Status Code: 200

```
{}
```

Status Code: 401

```
{
  "message": "Unauthorized"
}
```

Method: GET

Path: /patients

Request (Content-type application/json): (Header Authorization with access token)

```
{}
```

Response (Content-type application/json):

Status Code: 200

```
{
  "patients":
  [ {
    "name": "Example Name",
    "age": 16,
    "gender": "Male",
    "has_migraines": true,
    "used_drugs": false
  },
  ...
]
```

```
}
Status Code: 401
{
  "message": "Unauthorized"
}
```

Method: POST

Path: /patients

Request (Content-type application/json): (Header Authorization with access token)

```
{
  "patient":
  {
    "name": "Example Name",
    "age": 25,
    "gender": "Female",
    "has_migraines": false,
    "used_drugs": true
  }
}
```

Response (Content-type application/json):

Status Code: 200

```
{}
```

Status Code: 401

```
{
  "message": "Unauthorized"
}
```