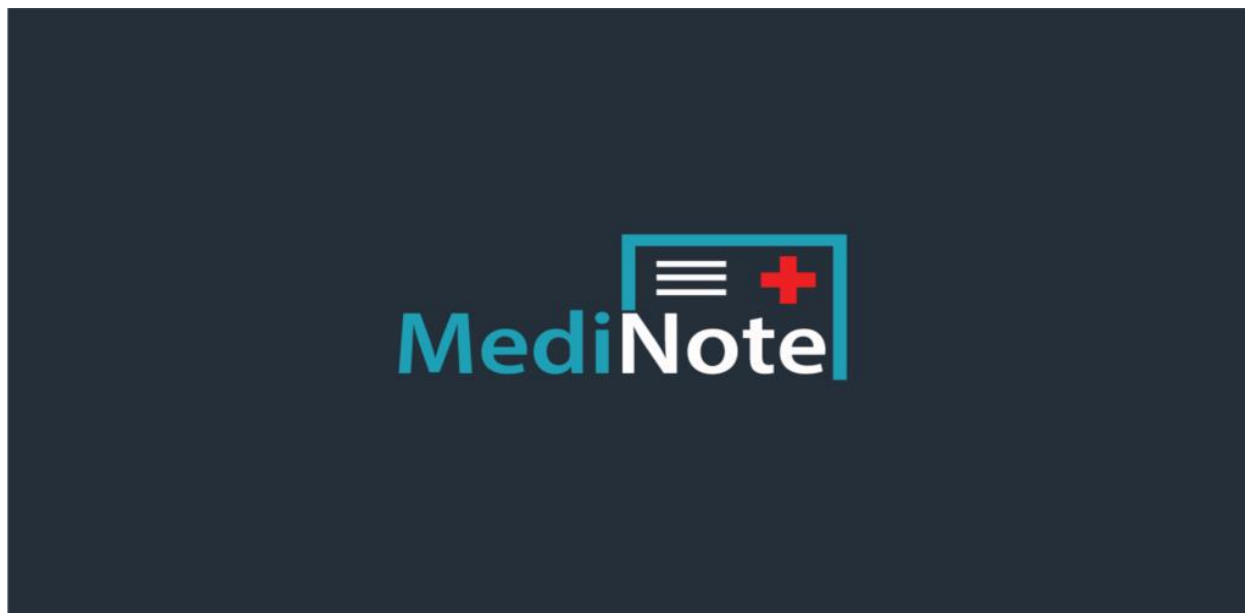


MediNote WebApi



Използване на WebApi

Host: <https://medinote.azurewebsites.net>

Токен за авторизация

Генериране и взимане на нов токен.

- **URL**

/api/token

- **Method:**

POST

- **Headers**

Content-Type - application/x-www-form-urlencoded

- **URL Params**

Required:

Optional:

- **Data Params**

grant_type:password <Буквално се пише "password", а не паролата на потребителя>

username: [string] <Името на потребителя>

password: [string] <Паролата на потребителя>

- **Success Response:**

Code: 200

Content:

```
{
  "access_token":
    "7SLmPSc3nmqIeAwTaULcXUrKVZ7WEfT1DBUPf5RsN9aEsfNacHuexyhqIJGmP8INEaZXwfNy10yiW5A
    BwBVX6r-
    z3y1CPyGZL3YQk7GZe6U_H3fqy4DdmeIMz6AfGawWUJAMr8oBm0DJK8ujugv4bVj5PRAdkhQ035mvxbW
    SYmPIBPS2mo9GZLQ-W5Ko-
    BBx3IdKoMZHe8x_HRpoKgV8n9MnAUuFor_1BeRq40j1cPMU7IP0c71sOVKwwuI1DTvhfr0RBQoLYyHhT
    CkXj-h-
    LQnzC3pMfQi80axEoKraYNbV164fn8UNGmgtH8BurNwXCG13AER2aKkjbFPqFuPOx0mv8BM1yX9rCurk
    DhvSTNuAQah1KNyTMgg5_3QAiT6hmo_YK5nnIq_cY0Gms7f1gFAxggaLwV0BQMvSYqVtXdHhSHdqSk9q
    UlGM43hsM7TUsiISxGJg2i85evAJLE0zJi_1KCTQu5J0N0E8dKbkRtd0ZmWP_c17rkiH61tCaBU5",
  "token_type": "bearer",
  "expires_in": 86399
}
```

- **Error Response:**

- **Code:** 400 BAD REQUEST

Content: { error : "unsupported_grant_type" }

OR

- **Code:** 400 BAD REQUEST

- **Content:**

```
{
  "error": "invalid_grant",
  "error_description": "The user name or password is incorrect."
}
```

- **Sample Call:**

1	POST /api/token HTTP/1.1
2	Host: medinote.azurewebsites.net
3	Content-Type: application/x-www-form-urlencoded
4	Cache-Control: no-cache
5	Postman-Token: b0109081-a3a1-daa7-93a1-e9fce0cda2f4
6	grant_type=password&password=passwqweer&username=8907041020
7	

- **Notes:**

Токена се генерира чрез подаване на username (най-често ЕГН) и password. Той е нужен за всички други заявки, чрез него се авторизира клиента.

Добавяне на ученик

По този начин ученикът се регистрира в системата като потребител и се добавят неговите данни.

- **URL**

/api/students

- **Authorized:** (Admin, Doctor)

- **Method:**

POST

- **Headers**

Content-Type - application/x-www-form-urlencoded

Authorization – :token_type :token

<Пише се типа на токена, поставя се интервал и се пише токена>

Bearer

DCCmRwYdEeSF5eQ0zGl1FcGBCgOm6trnI16C4BfH1mHD9LEKXIjv3LWYSWW3AFY8QmW8os
MSb4bmxcmU8gTC7GuADZU7ebR0LP7JCKyDsvcmGo0TuQNbWpYK7zNfoGC0zMXSF5nkUZ
g0rWkKETQW8OcBqmCJGGD0QaKzC0NkNp1uGhnc06fb-

zgwMprDevioWUEdYP_ltiQK5o5mCdpAt7njtmyOQ4AojFQUFcGgvJJ-HFlyHmXCdUJOVmw-
UVE5mDjtJ9jR3EKVwWdu8wQJnGN9jk2KReHImTsT_qz1zYB8WZf3A_oMuQ0epR043KzuXy4tO
s4ksh1o9xyGqH8lFlkhokwBCmDDnaapdsNwr4QveVV1feGG3hW0ab6QHkcCoxBvl3fjPqkZCw
N_ghdltfg5nXaGrum9Fbla7C71LD5ojx_5EHpp-
O82ZxIF_Ybi8ZchEaB0wafih3yaH1OuuoeCSM0jzIRgHipUD6NoAsyCAW3evd0-jdCqECXL6v3

- **URL Params**

Required:

Optional:

- **Data Params**

studentNIN: [string] <ЕГН (използва се като username и password) на ученика (10 цифри)>

studentAddress: [string] <Адрес на ученика>

studentAge: [int] <Възраст на ученика>

studentName: [string] <Име и фамилия на ученика>

- **Success Response:**

Code: 200

Content:

- **Error Response:**

- **Code:** 400 BAD REQUEST

Content:

```
{  
  
  "Message": "The request is invalid.",  
  
  "ModelState":  
  
    {  
  
      "studentInfo.*": [  
  
        "The field * is invalid."  
  
      ]  
  
    }  
  
}
```

OR

- **Code:** 400 BAD REQUEST
- **Content:**

```
{  
  
  "Message": "The request is invalid.",  
  
  "ModelState":  
  
    {  
  
      "": [  
  
        "Name 9010100000 is already taken."  
  
        <Тук "Name" е всъщност ЕГН на ученика>  
  
      ]  
  
    }  
  
}
```

OR

- **Code:** 401 UNAUTHORIZED
- **Content:**

```
{  
  
  "Message": "Authorization has been denied for this request."  
  
}
```

OR

- **Code:** 400 BAD REQUEST
- **Content:**

```
{  
  
  "Message": "The request is invalid.",  
  
  "ModelState":  
  
    {
```

```

"studentInfo.*": [
    "The * field is required."
]
}
}

```

- **Sample Call**

POST /api/students HTTP/1.1

Host: medinote.azurewebsites.net

Authorization: Bearer

DCCMRyYdEeSF5eQ0zGI1FcGBCgOm6trnl16C4BfH1mHD9LEKXIjv3LWYSWW3AFY8QmW8osMSb
 4bmxCmU8gTC7GuADZU7ebR0LP7JCKyDsvcmGo0TuQNbWpYK7zNfoGC0zMXSF5nkUZg0rWkKET
 QW8OcBqmCJGGD0QaKzC0NkNp1uGhnc06fb-
 zgwMprDevioWUEdYP_ItiQK5o5mCdpAt7njtmyOQ4AojFQUFcGgvJJ-HfLyHmXCdUJOVmw-
 UVE5mDjtU9jR3EKVwWdu8wQJnGN9jk2KReHImTsT_qz1zYB8WZf3A_oMuQ0epR043KzuXy4tOs4ks
 h1o9xyGqH8IFlkhokwBCmDDnaapdsNwr4QveVV1feGG3hW0ab6QHkcCoxBvl3fjPqkZCwN_ghdltfg
 5nXaGrum9Fbla7C71LD5ojx_5EHpp-
 O82ZxlF_Ybi8ZchEaB0wafih3yaH1OuuoeCSM0jzlRgHipUD6NoAsyCAW3evd0-jdCqECXL6v3

Content-Type: application/x-www-form-urlencoded

Cache-Control: no-cache

Postman-Token: dd22312e-321f-c369-8444-355017b6600b

studentNIN=9010100002&studentAddress=sofia&studentAge=14&studentName=%D0%A5%D1
 %80%D0%B8%D1%81%D1%82%D0%BE+%D0%9C%D0%B0%D0%BD%D0%BE%D0%B2

- **Notes:**

За да си вземе токен, регистрираният ученик трябва да използва ЕГН-то си като username и password. Ученикът се добавя в ролята "Student".

Взимане на информацията за ученик

- **URL**

/api/students/:studentNIN

- **Authorized: (Admin, Student) <Вижте секция Notes>**

- **Method:**

GET

- **Headers**

Content-Type - application/x-www-form-urlencoded

Authorization – :token_type :token

<Пише се тип на токена, поставя се интервал и се пише токена>

Bearer

DCCmRwYdEeSF5eQ0zGl1FcGBCgOm6trnl16C4BfH1mHD9LEKXIjv3LWYSSWW3AFY8QmW8os
MSb4bmxCmU8gTC7GuADZU7ebR0LP7JCKyDsvcmGo0TuQNbWpYK7zNfoGC0zMXSF5nkUZ
g0rWkKETQW8OcBqmCJGGD0QaKzC0NkNp1uGhnc06fb-
zgwMprDevioWUEdYP_ItiQK5o5mCdpAt7njtmyOQ4AojFQUFcGgvJJ-HfLyHmXCdUJOVmw-
UVE5mDjtJ9jR3EKVwWdu8wQJnGN9jk2KReHImTsT_qz1zYB8WZf3A_oMuQ0epR043KzuXy4tO
s4ksh1o9xyGqH8IFlkhwBCmDDnaapdsNwr4QveVV1feGG3hW0ab6QHkcCoxBvl3fjPqkZCw
N_ghdltfg5nXaGrum9Fbla7C71LD5ojx__5EHpp-
O82ZxIF_Ybi8ZchEaB0wafih3yaH1OuuoeCSM0jzIRgHipUD6NoAsyCAW3evd0-jdCqECXL6v3

- **URL Params**

Required: studentNIN: [string] *<ЕГН на ученика (10 цифри)>*

Optional:

- **Data Params**

- **Success Response:**

- **Code:** 200

- **Content:**

```
{  
    "Id": 12,  
    "StudentNIN": "9601010000",  
    "StudentName": "Jordan Lechkov",  
    "StudentAddress": "Sofia",  
    "StudentAge": 20  
}
```

- **Error Response:**

- **Code:** 400 BAD REQUEST
- **Content:**

Student not found with this NIN

OR

- **Code:** 401 UNAUTHORIZED
- **Content:**

```
{  
  
  "Message": "Authorization has been denied for this request."  
  
}
```

- **Sample Call**

```
GET /api/students/9601010000 HTTP/1.1  
  
Host: medinote.azurewebsites.net  
  
Authorization: Bearer  
DCCMRyYdEeSF5eQ0zGI1FcGBCgOm6trnl16C4BfH1mHD9LEKXIjv3LWYSWW3AFY8QmW8osMSb  
4bmxCmU8gTC7GuADZU7ebR0LP7JCKyDsvcmGo0TuQNbWpYK7zNfoGC0zMXSF5nkUZg0rWkKET  
QW8OcBqmCJGGD0QaKzC0NkNp1uGhnc06fb-  
zgwMprDevioWUEdYP_ItiQK5o5mCdpAt7njtmyOQ4AojFQUFcGgvJJ-HfLyHmXCdUJOVmw-  
UVE5mDjtJ9jR3EKVwWdu8wQJnGN9jk2KReHImTsT_qz1zYB8WZf3A_oMuQ0epR043KzuXy4tOs4ks  
h1o9xyGqH8IFlkhokwBCmDDnaapdsNwr4QveVV1feGG3hW0ab6QHkcCoxBvl3fjPqkZCwN_ghdltfg  
5nXaGrum9Fbla7C71LD5ojx_5EHpp-  
O82ZxIF_Ybi8ZchEaB0wafih3yaH1OuuoeCSM0jzlRgHipUD6NoAsyCAW3evd0-jdCqECXL6v3  
  
Cache-Control: no-cache  
  
Postman-Token: 5c41182f-f82b-a89c-7c11-bd65d850c746
```

- **Notes:**

ЕГН-то на ученика са неговите username и password. Ученикът може да взима само своята информация.

Добавяне на доктор

Добавянето на доктор става само от Администраторите.

- **URL**

/api/doctors

- **Authorized:** (Admin)

- **Method:**

POST

- **Headers**

Content-Type - application/x-www-form-urlencoded

Authorization – :token_type :token

<Пише се типа на токена, поставя се интервал и се пише токена>

Bearer

DCCmRwYdEeSF5eQ0zGl1FcGBCgOm6trnl16C4BfH1mHD9LEKXIjv3LWYSWW3AFY8QmW8os
MSb4bmxCmU8gTC7GuADZU7ebR0LP7JCKyDsvcmGo0TuQNbWpYK7zNfoGC0zMXSF5nkUZ
g0rWkKETQW8OcBqmCJGGD0QaKzC0NkNp1uGhnc06fb-
zgwMprDevioWUEdYP_ItiQK5o5mCdpAt7njtmyOQ4AojFQUFcGgvJJ-HFlyHmXCdUJOVmw-
UVE5mDjtJ9jR3EKVwWdu8wQJnGN9jk2KReHlmtsT_qz1zYB8WZf3A_oMuQ0epR043KzuXy4tO
s4ksh1o9xyGqH8IFlkhwBCmDDnaapdsNwr4QveVV1feGG3hW0ab6QHkcCoxBvl3fjPqkZCw
N_ghdltfg5nXaGrum9Fbla7C71LD5ojx_5EHpp-
O82ZxIF_Ybi8ZchEaB0wafih3yaH1OuuoeCSM0jzIRgHipUD6NoAsyCAW3evd0-jdCqECXL6v3

- **URL Params**

Required:

Optional:

- **Data Params**

doctorNIN: [string] *<ЕГН (използва се като username) на доктора (10 цифри)>*

doctorName: [string] *<Име и фамилия на доктора>*

doctorUIN: [string] *<УИН на доктора >*

healthcarefacilityname: [string] *<Име на Здравно заведение >*

doctorEmail: [string] *<Email на доктора >*

password: [string] *<Парола на доктора >*

confirmpassword: [string] *<Отново паролата на доктора >*

doctorphoneNumber: [string] *<Телефонен номер на доктора >*

- **Success Response:**

Code: 200

Content:

- **Error Response:**

- **Code:** 400 BAD REQUEST

Content:

```
{
  "Message": "The request is invalid.",
  "ModelState":
  {
    "doctorInfo.*": [
      "The * field is required."
      <На мястото на "*" ще стои някое от задължителните полета.>
    ]
  }
}
```

OR

- **Code:** 400 BAD REQUEST

- **Content:**

```
{
  "Message": "The request is invalid.",
  "ModelState":
  {
    "": [
      "Name 1234567890 is already taken."
      <Тук "Name" е всъщност ЕГН на доктора>
    ]
  }
}
```

OR

- **Code:** 401 UNAUTHORIZED
- **Content:**

```
{  
  
    "Message": "Authorization has been denied for this request."  
  
}
```

OR

- **Sample Call**

POST /api/doctors HTTP/1.1

Host: medinote.azurewebsites.net

Content-Type: application/x-www-form-urlencoded

Authorization: Bearer

DCCMRyYdEeSF5eQ0zGI1FcGBCgOm6trnI16C4BfH1mHD9LEKXIjv3LWYSWW3AFY8QmW8osMSb
4bmxCmU8gTC7GuADZU7ebR0LP7JCKyDsvcmGo0TuQNbWpYK7zNfoGC0zMXSF5nkUZg0rWkKET
QW8OcBqmCJGGD0QaKzC0NkNp1uGhnc06fb-
zgwMprDevioWUEdYP_ItiQK5o5mCdpAt7njtmyOQ4AojFQUFcGgvJJ-HFLyHmXCdUJOVmw-
UVE5mDjt9jR3EKVwWdu8wQJnGN9jk2KReHlMTsT_qz1zYB8WZf3A_oMuQ0epR043KzuXy4tOs4ks
h1o9xyGqH8IFlkhokwBCmDDnaapdsNwr4QveVV1feGG3hW0ab6QHkcCoxBvl3fjPqkZCwN_ghdltfg
5nXaGrum9Fbla7C71LD5ojx__5EHpp-
O82ZxIF_Ybi8ZchEaB0wafih3yaH1OuuoeCSM0jzIRgHipUD6NoAsyCAW3evd0-jdCqECXL6v3

Cache-Control: no-cache

Postman-Token: f8ddeeb-7144-bef4-ad79-cdcde2c54e3a

doctorNIN=9110100001&doctorName=Hristo+Iwanov&doctorPosition=Obsht+lekar&doctorUIN
=040407&healthcarefacilityname=UMBAL&doctorEmail=hristooo%40abv.bg&password=911010
0001&confirmpassword=9110100001&doctorphoneNumber=%2B359879123455

studentNIN=9010100002&studentAddress=sofia&studentAge=14&studentName=%D0%A5%D1
%80%D0%B8%D1%81%D1%82%D0%BE+%D0%9C%D0%B0%D0%BD%D0%BE%D0%B2

- **Notes:**

ЕГН-то на добавения доктор ще му служи като username. Паролата остава избраната от него. Акаунта на доктора се добавя в ролята "Doctor".

Взимане на информацията за доктор

По този начин ученикът се регистрира в системата като потребител и се добавят неговите данни.

- **URL**

/api/doctors/:doctorNIN

- **Authorized: (Admin, Doctor)** <Вижте секция **Notes**>

- **Method:**

GET

- **Headers**

Content-Type - application/x-www-form-urlencoded

Authorization – :token_type :token

<Пише се типа на токена, поставя се интервал и се пише токена>

Bearer

DCCmRwYdEeSF5eQ0zGl1FcGBCgOm6trnI16C4BfH1mHD9LEKXIjv3LWYSSWW3AFY8QmW8os
MSb4bmxcmU8gTC7GuADZU7ebR0LP7JCKyDsvcmGo0TuQNbWpYK7zNfoGC0zMXSF5nkUZ
g0rWkKETQW8OcBqmCJGGD0QaKzC0NkNp1uGhnc06fb-
zgwMprDevioWUEdYP_ItiQK5o5mCdpAt7njtmyOQ4AojFQUFcGgvJJ-HFHyHmXCdUJOVmw-
UVE5mDjtJ9jR3EKVwWdu8wQJnGN9jk2KReHImTsT_qz1zYB8WZf3A_oMuQ0epR043KzuXy4tO
s4ksh1o9xyGqH8IFlkhwkBCmDDnaapdsNwr4QveVV1feGG3hW0ab6QHkcCoxBvl3fjPqkZCw
N_ghdltfg5nXaGrum9Fbla7C71LD5ojx_5EHpp-
O82ZxIF_Ybi8ZchEaB0wafih3yaH1OuuoeCSM0jzIRgHipUD6NoAsyCAW3evd0-jdCqECXL6v3

- **URL Params**

Required: doctorNIN: [string] <ЕГН на доктора (10 цифри)>

Optional:

- **Data Params**

- **Success Response:**

- **Code:** 200

- **Content:**

{

"Id": 14,

"DoctorName": "Ivan Georgiev",

```
"DoctorPosition": "Obsht Lekar",
"DoctorUIN": "123456",
"HealthcareFacilityName": "BLG",
"HealthcareFacilityId": 303,
"DoctorEmail": "example@abv.bg",
"DoctorPhoneNumber": "+359879123456",
"DoctorNIN": "1234567890"
}
```

- **Error Response:**

- **Code:** 400 BAD REQUEST

- **Content:**

Doctor not found with this NIN

OR

- **Code:** 401 UNAUTHORIZED

- **Content:**

```
{
  "Message": "Authorization has been denied for this request."
}
```

- **Sample Call**

```
GET /api/students/1234567890 HTTP/1.1
```

```
Host: medinote.azurewebsites.net
```

```
Authorization: Bearer
```

```
DCCMRyYdEeSF5eQ0zGl1FcGBCgOm6trnl16C4BfH1mHD9LEKXIjv3LWYSWW3AFY8QmW8osMSb
4bmxCmU8gTC7GuADZU7ebR0LP7JCKyDsvcmGo0TuQNbWpYK7zNfoGC0zMXSF5nkUZg0rWkKET
QW8OcBqmCJGGD0QaKzC0NkNp1uGhnc06fb-
zgwMprDevio22UEdYP_ltiQK5o5mCdpAt7njtmyOQ4AojFQUFcGgvJJ-HfLyHmXCdUJOVmw-
UVE5mDjtJ9jR3EKVwWdu8wQJnGN9jk2KReHImTsT_qz1zYB8WZf3A_oMuQ0epR043KzuXy4tOs4ks
h1o9xyGqH8IFlkhokwBCmDDnaapdsNwr4QveVV1feGG3hW0ab6QHkcCoxBvl3fjPqkZCwN_ghdltfg
5nXaGrum9Fbla7C71LD5ojx_5EHpp-
O82ZxIF_Ybi8ZchEaB0wafih3yaH1OuuoeCSM0jzlRgHipUD6NoAsyCAW3evd0-jdCqECXL6v3
```

```
Cache-Control: no-cache
```

```
Postman-Token: 5c41182f-f82b-a89c-7c11-bd65d850c746
```

- **Notes**

Доктора може да вземе само неговата информация.