

Food Planner Backend API Documentation

- Show All Patients
- Find patient by ID
- Create new patient
- Update patient by ID
- Delete patient by ID
- Patient Login

Show All Patients

Returns json data for all patients

- **URL**

/api/patients/

- **Method:**

GET

- **URL Params**

None

- **Data Params**

None

- **Success Response:**

– **Code:** 200 **Content:**

```
[
  {
    "id": 1,
    "firstName": "John",
    "lastName": "Doe",
    "email": "johndoe@test.com",
    "userName": "test",
    "password": "test",
    "allergies": null,
    "conditions": null,
    "patientId": "2629194"
  },
  {
    "id": 2,
    "firstName": "Luis FHIR",
    "lastName": "Madrid",
    "email": "luisfhirmadrid@test.com",
    "userName": "luisfhirmadrid",
    "password": "password",
```

```

        "allergies": null,
        "conditions": null,
        "patientId": "2638050"
    }
]

```

- **Error Response:**

- **Code:** 404 NOT FOUND

- **Sample Call:**

```

GET //newfoodplanner2backend/api/patients HTTP/1.1
Host: Http:
User-Agent: PostmanRuntime/7.19.0
Accept: */*
Cache-Control: no-cache
Postman-Token: d2cf4c3c-59a6-417e-9cfa-e04485b8783e,09b7d160-cd72-4498-a559-c2bf4ab3865
Host: localhost:8080
Accept-Encoding: gzip, deflate
Connection: keep-alive
cache-control: no-cache

```

Find patient by ID

Returns json data for a patient by ID

- **URL**

/api/patients/:id

- **Method:**

GET

- **URL Params**

Required:

id=[integer]

- **Data Params**

None

- **Success Response:**

- **Code:** 200 **Content:**

```

{
  "id": 1,
  "firstName": "test2",
  "lastName": "test2",

```

```

    "email": "test2@test.com",
    "userName": "test",
    "password": "test2",
    "allergies": [
        "Allergy to eggs",
        "Ibuprofen"
    ],
    "conditions": [
        "depression",
        "hypertension",
        "diabetes",
        "asthma",
        "angina",
        "onychomycosis",
        "high cholesterol",
        "GERD",
        "rheumatoid arthritis",
        "neuropathic pain"
    ],
    "patientId": "2629194"
}

```

- **Error Response:**

- **Code: 404 NOT FOUND Content:**

```

{
    "timestamp": "2019-11-18T02:10:47.324+0000",
    "message": "Patient not found: 9",
    "details": "uri=/api/patients/9"
}

```

OR

- **Code: 401 UNAUTHORIZED Content:** { error : "You are unauthorized to make this request." }

- **Sample Call:**

```

GET /newfoodplanner2backend/api/patients/1 HTTP/1.1
Host: apps.hdap.gatech.edu
Content-Type: application/json
User-Agent: PostmanRuntime/7.19.0
Accept: */*
Cache-Control: no-cache
Postman-Token: 0fe51b90-e709-4dc7-8810-be95183b65f3,c68b8388-6f56-4363-b665-347ad242a46
Host: apps.hdap.gatech.edu
Accept-Encoding: gzip, deflate
Connection: keep-alive

```

cache-control: no-cache

Create new patient

Create a new patient, and returns its json data.

- **URL**

/api/patients

- **Method:**

POST

- **URL Params**

- **Data Params**

Required:

firstname=[alphanumeric] lastname=[alphanumeric] email=[alphanumeric]
username=[alphanumeric] password=[alphanumeric]

Optional:

None

- **Success Response:**

- **Code: 200 Content:**

```
{
  "id": 3,
  "firstName": "test2",
  "lastName": "test2",
  "email": "test2@test.com",
  "userName": "test2",
  "password": "test2"
}
```

- **Error Response:**

- **Code: 404 NOT FOUND Content:**

```
{
  "timestamp": "2019-11-16T22:15:36.515+0000",
  "message": "Required request body is missing: public backend.model.Patient back
  "details": "uri=/api/patients"
}
```

OR

- **Code: 401 UNAUTHORIZED Content:** { error : "You are
unauthorized to make this request." }

- **Sample Call:**

```
POST //newfoodplanner2backend:8080/api/patients HTTP/1.1
Host: Http:
Content-Type: application/json
User-Agent: PostmanRuntime/7.19.0
Accept: */*
Cache-Control: no-cache
Postman-Token: 791822f4-4579-4df0-90f2-1d4b152e6c0d,49591e45-9b81-46a0-82ff-3e1b3f3ea46
Host: localhost:8080
Accept-Encoding: gzip, deflate
Content-Length: 203
Connection: keep-alive
cache-control: no-cache

{
  "firstName": "test2",
  "lastName": "test2",
  "email": "test2@test.com",
  "userName": "test3",
  "password": "test3"
}
```

Update patient by ID

Returns json data for a patient by ID

- **URL**

/api/patients/:id

- **Method:**

PUT

- **URL Params**

- **Data Params**

Required:

firstname=[alphanumeric] lastname=[alphanumeric] email=[alphanumeric]
username=[alphanumeric] password=[alphanumeric]

Optional:

None

- **Success Response:**

- **Code: 200 Content:**

```
{
  "id": 2,
  "firstName": "test2",
  "lastName": "test2",
  "email": "test2@test.com",
  "userName": "emilywatson",
  "password": "test2"
}
```

- **Error Response:**
- **Code: 404 NOT FOUND Content:**

```
{
  "timestamp": "2019-11-16T22:25:18.708+0000",
  "message": "Patient not found: 10",
  "details": "uri=/api/patients/10"
}
```

OR

- **Code: 401 UNAUTHORIZED Content:** { error : "You are unauthorized to make this request." }

- **Sample Call:**

```
PUT /newfoodplanner2backend/api/patients/2 HTTP/1.1
Host: apps.hdap.gatech.edu
Content-Type: application/json
User-Agent: PostmanRuntime/7.19.0
Accept: */*
Cache-Control: no-cache
Postman-Token: f380f51a-dcea-4c8d-be9e-22bbf992a665,a90a5cbd-075e-41f6-af3b-cced693b9c3
Host: apps.hdap.gatech.edu
Accept-Encoding: gzip, deflate
Content-Length: 203
Connection: keep-alive
cache-control: no-cache
```

```
{
  "firstName": "test2",
  "lastName": "test2",
  "email": "test2@test.com",
  "userName": "test2",
  "password": "test2",
  "allergies": "coconut",
  "conditions": "Abdominal Adhesions"
}
```

Delete patient by ID

Delete a patient by ID

- **URL**

/api/patients/:id

- **Method:**

DELETE

- **URL Params**

- **Data Params**

Required:

id=[integer]

- **Success Response:**

- **Code: 200 Content:**

```
{
  "id": 1,
  "firstName": "test2",
  "lastName": "test2",
  "email": "test2@test.com",
  "userName": "test",
  "password": "test2",
  "allergies": "coconut",
  "conditions": "Abdominal Adhesions"
}
```

- **Error Response:**

- **Code: 404 NOT FOUND Content:**

```
{
  "timestamp": "2019-11-16T22:25:18.708+0000",
  "message": "Patient not found: 1",
  "details": "uri=/api/patients/1"
}
```

OR

- **Code: 401 UNAUTHORIZED Content:** { error : "You are unauthorized to make this request." }

- **Sample Call:**

```
PUT //localhost:8080/api/patients/1 HTTP/1.1
Host: Http:
Content-Type: application/json
```

```
User-Agent: PostmanRuntime/7.19.0
Accept: */*
Cache-Control: no-cache
Postman-Token: e102f49e-46e2-452c-9276-b13cfc09e97f,31915ab9-5147-4e1d-8cef-1e47ac50fe2
Host: localhost:8080
Accept-Encoding: gzip, deflate
Content-Length: 203
Connection: keep-alive
cache-control: no-cache
```

```
{
  "firstName": "test2",
  "lastName": "test2",
  "email": "test2@test.com",
  "userName": "test2",
  "password": "test2",
  "allergies": "coconut",
  "conditions": "Abdominal Adhesions"
}
```

Patient Login

Login in as a patient.

- **URL**

/api/login

- **Method:**

POST

- **URL Params**

- **Data Params**

Required:

userName=[alphanumeric] password=[alphanumeric]

- **Success Response:**

- **Code: 200 Content:**

```
{
  "id": 1,
  "firstName": "John",
  "lastName": "Doe",
  "email": "johndoe@test.com",
  "userName": "test",
  "password": "test",
```



```

    "allergies": "shrimp",
    "conditions": "heartburn"
}

```

- **Error Response:**
- **Code: 404 NOT FOUND Content:**

```

{
  "timestamp": "2019-11-16T22:38:48.566+0000",
  "message": "Patient not found: test1",
  "details": "uri=/api/login"
}

```

OR

- **Code: 401 UNAUTHORIZED Content:** { error : "You are unauthorized to make this request." }
- **Sample Call:**

```
POST /newfoodplanner2backend/api/login HTTP/1.1
```

```
Host: apps.hdap.gatech.edu
```

```
Content-Type: application/json
```

```
User-Agent: PostmanRuntime/7.19.0
```

```
Accept: */*
```

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

```
Postman-Token: ed3d2d62-b52f-4db7-b3dc-529cb416ea64,6a0d8749-fe01-4a1f-96a6-15f0cdcfd2
```

```
Host: apps.hdap.gatech.edu
```

```
Accept-Encoding: gzip, deflate
```

```
Content-Length: 50
```

```
Connection: keep-alive
```

```
cache-control: no-cache
```

```

{
  "userName": "test",
  "password": "test"
}

```