

ADO.NET ASSIGNMENT CHUBB

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Screenshots of Swagger and Postman(API's):

- Getting details of all the donors

GET /api/Bloodbank/all-donors

Parameters

No parameters

Execute Clear

Responses

Curl

```
curl -X 'GET' \
  'https://localhost:7285/api/Bloodbank/all-donors' \
  -H 'accept: */*'
```

Request URL

```
https://localhost:7285/api/Bloodbank/all-donors
```

Server response

Code Details

200

Response body

```
{
  "bloodType": "A+",
  "contactInfo": "rahul@example.com",
  "quantity": 500,
  "collectionDate": "2024-11-15T00:00:00",
  "expirationDate": "2024-12-15T00:00:00",
  "status": "Available"
},
{
  "id": 3,
  "donorName": "Saritha",
  "age": 32,
  "bloodType": "O-",
  "contactInfo": "saritha@example.com",
  "quantity": 450,
  "collectionDate": "2024-11-10T00:00:00",
  "expirationDate": "2024-12-10T00:00:00",
  "status": "Requested"
},
{
  "id": 4,
  "donorName": "Madhu",
  "age": 28,
  "bloodType": "B+",
  "contactInfo": "madhu@example.com",
  "quantity": 400,
  "collectionDate": "2024-11-12T00:00:00",
  "expirationDate": "2024-12-12T00:00:00",
  "status": "Expired"
}
}
```

Response headers

```
content-type: application/json; charset=utf-8
date: Wed, 20 Nov 2024 17:40:26 GMT
server: Kestrel
```

Responses

Code	Description	Links
200	Success	No links



https://localhost:7285/api/Bloodbank/all-donors



Save



Share

GET



https://localhost:7285/api/Bloodbank/all-donors

Send



Params

Authorization

Headers (8)

Body

Scripts

Settings

Cookies

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

☐ GraphQL

JSON



Beautify

1

Body

Cookies

Headers (4)

Test Results

200 OK

• 55 ms

• 2.97 KB



Pretty

Raw

Preview

Visualize

JSON



```
1  {
2    "id": 1,
3    "donorName": "Ravali",
4    "age": 20,
5    "bloodType": "A+",
6    "contactInfo": "ravali@example.com",
7    "quantity": 500,
8    "collectionDate": "2024-11-18T23:04:16.5257702+05:30",
9    "expirationDate": "2024-12-20T23:04:16.5258604+05:30",
10   "status": "Available"
11 },
12
```

● **Pagination**

GET

/api/Bloodbank

^

Parameters

Cancel

Name	Description
page	
integer(\$int32)	1
(query)	
size	
integer(\$int32)	2
(query)	

Execute

Clear

Responses

Curl

curl -X 'GET' \ 'https://localhost:7285/api/Bloodbank?page=1&size=2' \ -H 'accept: */*'

Request URL

https://localhost:7285/api/Bloodbank?page=1&size=2

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{ { "id": 1, "donorName": "Ravali", "age": 20, "bloodType": "A+", "contactInfo": "ravali@example.com", "quantity": 500, "collectionDate": "2024-11-18T23:04:16.5257702+05:30", "expirationDate": "2024-12-20T23:04:16.5258604+05:30", "status": "Available" }, { "id": 2, "donorName": "Rahul", "age": 29, "bloodType": "A+", "contactInfo": "rahul@example.com", "quantity": 500, "collectionDate": "2024-11-15T00:00:00", "expirationDate": "2024-12-15T00:00:00", "status": "Available" } }</pre></div><div> Download</div></div>

Response headers

content-type: application/json; charset=utf-8
date: Wed, 20 Nov 2024 17:41:25 GMT
server: Kestrel

Responses

Code	Description	Links
200	Success	No links



https://localhost:7285/api/Bloodbank?page=2&size=3



Save



Share

GET



https://localhost:7285/api/Bloodbank?page=2&size=3

Send



Params

Authorization

Headers (8)

Body

Scripts

Settings

Cookies

Query Params

<input checked="" type="checkbox"/>	Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/>	page	2			
<input checked="" type="checkbox"/>	size	3			
	Key	Value	Description		

body

Cookies

Headers (4)

Test Results

200 OK

•

40 ms

•

765 B



Pretty

Raw

Preview

Visualize

JSON



```
1  [
2    {
3      "id": 4,
4      "donorName": "Madhu",
5      "age": 28,
6      "bloodType": "B+",
7      "contactInfo": "madhu@example.com",
8      "quantity": 400,
9      "collectionDate": "2024-11-12T00:00:00",
10     "expirationDate": "2024-12-12T00:00:00",
11     "status": "Available"
12   },
13 ]
```

- Bulk-insertion of donor details

POST /api/Bloodbank/bulk-add

Parameters

Cancel

Reset

No parameters

Request body

application/json

```
{
  {
    "donorName": "Rahul",
    "age": 29,
    "bloodType": "A+",
    "contactInfo": "rahul@example.com",
    "quantity": 500,
    "collectionDate": "2024-11-15T00:00:00",
    "expirationDate": "2024-12-15T00:00:00",
    "status": "Available"
  },
  {
    "donorName": "Saritha",
    "age": 32,
    "bloodType": "O-",
    "contactInfo": "saritha@example.com",
    "quantity": 450,
    "collectionDate": "2024-11-10T00:00:00",
    "expirationDate": "2024-12-10T00:00:00",
    "status": "Requested"
  }
}
```

Execute

Clear

Responses

Request URL

https://localhost:7285/api/Bloodbank/bulk-add

Server response

Code

Details

200

Response body

```
{
  "id": 6,
  "donorName": "Soniya",
  "age": 25,
  "bloodType": "O+",
  "contactInfo": "soniya@example.com",
  "quantity": 450,
  "collectionDate": "2024-11-14T00:00:00",
  "expirationDate": "2024-12-14T00:00:00",
  "status": "Requested"
},
{
  "id": 7,
  "donorName": "Rishi",
  "age": 30,
  "bloodType": "A-",
  "contactInfo": "rishi@example.com",
  "quantity": 300,
  "collectionDate": "2024-11-13T00:00:00",
  "expirationDate": "2024-12-13T00:00:00",
  "status": "Available"
},
{
  "id": 8,
  "donorName": "Ronak",
  "age": 27,
  "bloodType": "B-",
  "contactInfo": "ronak@example.com",
  "quantity": 500
}
```

Download

Response headers

```
content-type: application/json; charset=utf-8
date: Wed, 20 Nov 2024 17:34:15 GMT
server: Kestrel
```

Responses

Code

Description

Links

- Single donor details insertion

POST

/api/Bloodbank

Parameters

No parameters

Request body

application/json

```
{  "donorName": "sirisha",  "age": 25,  "bloodType": "A+",  "contactInfo": "1234567890",  "quantity": 250,  "collectionDate": "2024-11-20T17:42:59.992Z",  "expirationDate": "2024-11-20T17:42:59.992Z",  "status": "Available"}
```

Execute

Clear

Responses

Curl

```
curl -X 'POST' \  'https://localhost:7285/api/Bloodbank' \  -H 'accept: */*' \  -H 'Content-Type: application/json' \  -d '{  "donorName": "sirisha",  "age": 25,  "bloodType": "A+",  "contactInfo": "1234567890",  "quantity": 250,  "collectionDate": "2024-11-20T17:42:59.992Z",  "expirationDate": "2024-11-20T17:42:59.992Z",  "status": "Available"  }'
```

Request URL

https://localhost:7285/api/Bloodbank

Server response

Code

Details

201

undocumented

Response body

```
{  "id": 15,  "donorName": "sirisha",  "age": 25,  "bloodType": "A+",  "contactInfo": "1234567890",  "quantity": 250,  "collectionDate": "2024-11-20T17:42:59.992Z",  "expirationDate": "2024-11-20T17:42:59.992Z",  "status": "Available"}
```

Response headers

```
content-type: application/json; charset=utf-8  date: Wed, 20 Nov 2024 17:44:16 GMT  location: https://localhost:7285/api/Bloodbank/15  server: Kestrel
```

Responses

Code	Description	Links
200	Success	No links



https://localhost:7285/api/Bloodbank

Save

Share

POST

https://localhost:7285/api/Bloodbank

Send

Params Authorization Headers (10) **Body** Scripts Settings

Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL **JSON**

Beautify

```
1  {
2    "donorName": "sirisha",
3    "age": 25,
4    "bloodType": "A+",
5    "contactInfo": "1234567890",
6    "quantity": 250,
7    "collectionDate": "2024-11-20T17:42:59.992Z",
8    "expirationDate": "2024-11-20T17:42:59.992Z",
9    "status": "Available"
10 }
```

body Cookies Headers (5) Test Results

201 Created • 195 ms • 412 B

Pretty

Raw

Preview

Visualize

JSON

```
1  {
2    "id": 15,
3    "donorName": "sirisha",
4    "age": 25,
5    "bloodType": "A+",
6    "contactInfo": "1234567890",
7    "quantity": 250,
8    "collectionDate": "2024-11-20T17:42:59.992Z",
9    "expirationDate": "2024-11-20T17:42:59.992Z",
10   "status": "Available"
11 }
```

- Getting donor details by Id

GET/api/Bloodbank/{id}

Parameters

Cancel

Name	Description
id <small>* required</small>	
integer(\$int32)	4
(path)	

ExecuteClear

Responses

Curl

```
curl -X 'GET' \
'https://localhost:7285/api/Bloodbank/4' \
-H 'accept: */*'

```

Request URL

```
https://localhost:7285/api/Bloodbank/4

```

Server response

Code	Details
200	<div>Response body<pre>{ "id": 4, "donorName": "Madhu", "age": 28, "bloodType": "B+", "contactInfo": "madhu@example.com", "quantity": 400, "collectionDate": "2024-11-12T00:00:00", "expirationDate": "2024-12-12T00:00:00", "status": "Expired" } </pre><div>Download</div></div> <div>Response headers<pre>content-type: application/json; charset=utf-8 date: Wed, 20 Nov 2024 17:45:09 GMT server: Kestrel </pre></div>

Responses

Code	Description	Links
200	Success	No links



https://localhost:7285/api/Bloodbank/8



Save

Share

GET

https://localhost:7285/api/Bloodbank/8

Send

Params Authorization Headers (8) Body Scripts Settings

Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL JSON

Beautify

1

Body Cookies Headers (4) Test Results

200 OK • 37 ms • 350 B •

Pretty

Raw

Preview

Visualize

JSON



```
1 {
2   "id": 8,
3   "donorName": "Ronak",
4   "age": 27,
5   "bloodType": "B-",
6   "contactInfo": "ronak@example.com",
7   "quantity": 500,
8   "collectionDate": "2024-11-17T00:00:00",
9   "expirationDate": "2024-12-17T00:00:00",
10  "status": "Available"
11 }
```

- Updating donor details by Id

PUT

/api/Bloodbank/{id}

Cancel

Reset

Parameters

Name	Description
id <small>* required</small>	
integer(\$int32)	4
(path)	

Request body

application/json

```
{  "donorName": "Madhu",  "age": 28,  "bloodType": "B+",  "contactInfo": "madhu@example.com",  "quantity": 400,  "collectionDate": "2024-11-12T00:00:00",  "expirationDate": "2024-12-12T00:00:00",  "status": "Available"}
```

Execute

Clear

Responses

Curl

```
curl -X 'PUT' \  'https://localhost:7285/api/Bloodbank/4' \  -H 'accept: */*' \  -H 'Content-Type: application/json' \  -d '{  "donorName": "Madhu",  "age": 28,  "bloodType": "B+",  "contactInfo": "madhu@example.com",  "quantity": 400,  "collectionDate": "2024-11-12T00:00:00",  "expirationDate": "2024-12-12T00:00:00",  "status": "Available"  }'
```

Request URL

https://localhost:7285/api/Bloodbank/4

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{ "id": 4, "donorName": "Madhu", "age": 28, "bloodType": "B+", "contactInfo": "madhu@example.com", "quantity": 400, "collectionDate": "2024-11-12T00:00:00", "expirationDate": "2024-12-12T00:00:00", "status": "Available"}</pre></div><div>Download</div></div> <div><div>Response headers</div><div><pre>content-type: application/json; charset=utf-8 date: Wed, 20 Nov 2024 17:46:29 GMT server: Kestrel</pre></div></div>

Responses

Code	Description	Links
200	Success	No links

- Delete donor details by Id

DELETE

/api/Bloodbank/{id}

Parameters

Cancel

Name	Description
id * required integer(\$int32) (path)	15

Execute

Clear

Responses

Curl

curl -X 'DELETE' \
https://localhost:7285/api/Bloodbank/15' \
-H 'accept: */*'

Request URL

https://localhost:7285/api/Bloodbank/15

Server response

Code	Details
204 Undocumented	<div>Response headers</div> <div>date: Wed, 20 Nov 2024 17:47:08 GMT server: Kestrel</div>

Responses

Code	Description	Links
200	Success	No links

HTTP

https://localhost:7285/api/Bloodbank/15

Save

Share

DELETE

https://localhost:7285/api/Bloodbank/15

Send

Params

Authorization

Headers (8)

Body

Scripts

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Cookies

Beautify

1


GET 

https://localhost:7285/api/Bloodbank

Send 

Params Authorization Headers (8) Body Scripts Settings

[Cookies](#)



☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL [JSON](#) 

[Beautify](#)

1

ody Cookies Headers (4) Test Results

200 OK • 40 ms • 2.17 KB   

Pretty Raw Preview Visualize [JSON](#)  

```
101 {
102   "id": 10,
103   "donorName": "Haneesh",
104   "age": 31,
105   "bloodType": "O+",
106   "contactInfo": "haneesh@example.com",
107   "quantity": 400,
108   "collectionDate": "2024-11-16T00:00:00",
109   "expirationDate": "2024-12-16T00:00:00",
110   "status": "Available"
111 }
112 ]
```

- Search donors using parameters (Blood Group,Status,Donor Name)

GET /api/Bloodbank/search

Parameters

Cancel

Name	Description
bloodType string (query)	<input type="text" value="A+"/>
status string (query)	<input type="text" value="Available"/>
donorName string (query)	<input type="text" value="donorName"/>

ExecuteClear

Responses

Curl

curl -X 'GET' \n "https://localhost:7285/api/Bloodbank/search?bloodType=A%2B&status=Available" \n -H 'accept: */*'

Request URL

https://localhost:7285/api/Bloodbank/search?bloodType=A%2B&status=Available

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{ "id": 1, "donorName": "Ravali", "age": 20, "bloodType": "A+", "contactInfo": "ravali@example.com", "quantity": 500, "collectionDate": "2024-11-18T23:04:16.5257702+05:30", "expirationDate": "2024-12-20T23:04:16.5258604+05:30", "status": "Available" }, { "id": 2, "donorName": "Rahul", "age": 25, "bloodType": "A+", "contactInfo": "rahul@example.com", "quantity": 500, "collectionDate": "2024-11-15T00:00:00", "expirationDate": "2024-12-15T00:00:00", "status": "Available" }, { "id": 14, "donorName": "Manas", "age": 33, "bloodType": "A+", "contactInfo": "manas@example.com", </pre></div><div>Download</div></div> <div>Response headers</div> <div><pre>content-type: application/json; charset=utf-8 date: Wed, 20 Nov 2024 17:48:20 GMT server: Kestrel</pre></div>

Responses

Code	Description	Links
200	Success	No links

GET

/api/Bloodbank/search

Parameters

Cancel

Name	Description
bloodType string (query)	<input type="text" value="A+"/>
status string (query)	<input type="text" value="Available"/>
donorName string (query)	<input type="text" value="Ravali"/>

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
  'https://localhost:7285/api/Bloodbank/search?bloodType=A%2B&status=Available&donorName=Ravali' \
  -H 'accept: */*'
```

Request URL

https://localhost:7285/api/Bloodbank/search?bloodType=A%2B&status=Available&donorName=Ravali

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{ "id": 1, "donorName": "Ravali", "age": 20, "bloodType": "A+", "contactInfo": "ravali@example.com", "quantity": 500, "collectionDate": "2024-11-18T23:04:16.5257780495:30", "expirationDate": "2024-12-20T23:04:16.5258680495:30", "status": "Available" }</pre></div><div><div>Download</div></div></div> <div><div>Response headers</div><div><pre>content-type: application/json; charset=utf-8 date: Wed, 20 Nov 2024 17:48:59 GMT server: Kestrel</pre></div></div>

Responses

Code	Description	Links
200	Success	No links



https://localhost:7285/api/Bloodbank/search?status=Available



Save



Share

GET



https://localhost:7285/api/Bloodbank/search?status=Available

Send



Params

Authorization

Headers (8)

Body

Scripts

Settings

Cookies

Query Params

<input checked="" type="checkbox"/>	Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/>	status	Available			
	Key	Value	Description		

Body

Cookies

Headers (4)

Test Results

200 OK

48 ms

2.17 KB



e.g.



Pretty

Raw

Preview

Visualize

JSON



```
1  [
2    {
3      "id": 1,
4      "donorName": "Ravali",
5      "age": 20,
6      "bloodType": "A+",
7      "contactInfo": "ravali@example.com",
8      "quantity": 500,
9      "collectionDate": "2024-11-18T23:04:16.5257702+05:30",
10     "expirationDate": "2024-12-20T23:04:16.5258604+05:30",
11     "status": "Available"
12   },
13 ]
```