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WEB 420 - Swagger and SoapUI Testing for Capstone

Find all Teams

Team

GET

/api/teams

Shows all Teams in the Database.

API for returning an array of Team objects.

Parameters

No parameters

Cancel

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:3000/api/teams' \
  -H 'accept: */*'
```

Request URL

```
http://localhost:3000/api/teams
```

Server response

Code

Details

200

Response body

```
[
  {
    "_id": "64bbe455e32a010816e2d7ff",
    "name": "Cardinals",
    "mascot": "Chris the Cardinal",
    "players": [
      {
        "firstName": "James",
        "lastName": "Monroe",
        "salary": 100000
      },
      {
        "firstName": "John",
        "lastName": "Adams",
        "salary": 100000
      }
    ]
  }
]
```

Download

Response headers

```
connection: keep-alive
content-length: 1224
content-type: application/json; charset=utf-8
date: Sat, 22 Jul 2023 15:13:55 GMT
etag: W/"4c8-7r07KwgE+yxtnF77NFlwLL+iG/w"
keep-alive: timeout=5
x-powered-by: Express
```

Responses

Add Player by TeamId

Creates a new player and places him in a Team based on teamId

Parameters

CancelReset

Name	Description
teamId required	teamId
string (path)	<input type="text" value="102"/>

Request body

application/json

Player Information

```
{
  "firstName": "Bill",
  "lastName": "Clinton",
  "salary": 500000
}
```

Execute

Clear

Responses

Curl

```
curl -X 'POST' \
'http://localhost:3000/api/teams/102/players' \
-H 'accept: */*' \
-H 'Content-Type: application/json' \
-d '{
  "firstName": "Bill",
  "lastName": "Clinton",
  "salary": 500000
}'
```

Request URL

```
http://localhost:3000/api/teams/102/players
```

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{ "teamId": "102", "players": [{ "firstName": "Abraham", "lastName": "Lincoln", "salary": 200000 }, { "_id": "64bbef019787de3956a58bb7", "firstName": "Bill", "lastName": "Clinton", "salary": 500000 }], "__v": 1 }</pre></div><div>Download</div></div> <div><div>Response headers</div><div><pre>connection: keep-alive content-length: 500 content-type: application/json; charset=utf-8 date: Sat, 22 Jul 2023 15:00:17 GMT etag: W/"1f4-NJuwDPCrEH517pMqp824tRzSKmM" keep-alive: timeout=5 x-powered-by: Express</pre></div></div>

Responses

Delete Team by Id

DELETE /api/teams/{teamId} Deletes Team

Enter a TeamId to delete the Team from the database

Parameters

Cancel

Name	Description
teamId required	Team Id
string (path)	<input type="text" value="102"/>

Execute

Clear

Responses

Curl

```
curl -X 'DELETE' \
'http://localhost:3000/api/teams/102' \
-H 'accept: */*'
```

Request URL

```
http://localhost:3000/api/teams/102
```

Server response

Code	Details
200	<div><div>Response body</div><pre>{ "_id": "64bbe455e32a010816e2d800", "name": "Bears", "mascot": "Bob the Bear", "players": [{ "firstName": "Franklin", "lastName": "Pierce", "salary": 100000 }, { "firstName": "John", "lastName": "Tyler", "salary": 100000 }] }</pre><div>Download</div></div> <div>Response headers</div> <pre>connection: keep-alive content-length: 500 content-type: application/json; charset=utf-8 date: Sat, 22 Jul 2023 15:13:30 GMT</pre>

Find All Players by Team Id

The screenshot shows a REST client interface with the following details:

- Method:** GET
- Endpoint:** http://localhost:3000
- Resource:** /api/teams/{teamId}/players
- Parameters:** (empty)

The response is displayed in the **Raw** tab as JSON:

```
1 {
2   "_id": "64bbf3a57c8581bbcc345d72",
3   "name": "Pirates",
4   "mascot": "Peppy the Pirate",
5   "players": [
6     {
7       "firstName": "James",
8       "lastName": "Garfield",
9       "salary": 100000
10    },
11    {
12      "firstName": "Warren G",
13      "lastName": "Harding",
14      "salary": 100000
15    },
16    {
17      "firstName": "George",
18      "lastName": "Bush",
19      "salary": 100000
20    },
21    {
22      "firstName": "Ronald",
23      "lastName": "Reagan",
24      "salary": 100000
25    },
26    {
27      "firstName": "William",
28      "lastName": "McKinnley",
29      "salary": 200000
30    }
31  ],
32   "teamId": "103"
33 }
```

The status bar at the bottom indicates: response time: 38ms (408 bytes) and 1:1.