CMPE 275 Section 1, Spring 2022
Lab 2 - REST and Persistence

Group 6

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Base URL: http://54.241.140.6:8080

API Requests -

Player APIs

(1) Create a player
Path:player?firstname=XX&lastname=YY&email=ZZ&description=UU&..
Method: POST

i. Missing required parameter 'lastname'

54.241.140.6:8080/player?firstName=Stephen&email=steph.curry@gmail.com&street=77 Chain St.&city=San Francisco&state=&zip=96123

275-lab2 / Create Player (1)				💾 Save ⌄	⚬⚬⚬	✏️ 🏷️

POST ⌄	54.241.140.6:8080/player?firstName=Stephen&email=steph.curry@gmail.com&street=77 Chain St.&city=San Francisco&state=&zip=96123	**Send** ⌄

Params ●   Authorization   Headers (7)   Body   Pre-request Script   Tests   Settings   **Cookies**

☑	street		77 Chain St.	
☑	city		San Francisco	
☑	state			
☑	zip		96123	
☐	teamId			
	Key		Value	Description

Body   Cookies   Headers (4)   Test Results   ⊕ Status: 400 Bad Request   Time: 57 ms   Size: 241 B   Save Response ⌄

Pretty   Raw   Preview   Visualize   JSON ⌄ ⇄   🗐   🔍

```
1  {
2      "timestamp": "2022-04-20T03:31:49.032+00:00",
3      "status": 400,
4      "error": "Bad Request",
5      "path": "/player"
6  }
```

ii. Successful creation of player (with optional parameters missing)

54.241.140.6:8080/player?firstName=Stephen&lastName=Curry&email=steph.curry@gmail.com&street=77 Chain St.&city=San Francisco&zip=96123

275-lab2 / Create Player (1)

POST | 54.241.140.6:8080/player?firstName=Stephen&lastName=Curry&email=steph.curry@gmail.com&street=77 Chain St.&city=San Francisco&zip=96 ... | Send

Params ● | Authorization | Headers (7) | Body | Pre-request Script | Tests | Settings | Cookies

	street	77 Chain St.
	city	San Francisco
	state	
	zip	96123

Body | Cookies | Headers (5) | Test Results | Status: 200 OK | Time: 126 ms | Size: 379 B | Save Response

Pretty | Raw | Preview | Visualize | JSON

```
1  {
2      "id": 1,
3      "firstName": "Stephen",
4      "lastName": "Curry",
5      "email": "steph.curry@gmail.com",
6      "description": null,
7      "address": {
8          "street": "77 Chain St.",
9          "city": "San Francisco",
10         "zip": "96123",
11         "state": null
12     },
13     "team": null,
14     "opponents": null
15  }
```

iii. Successful creation of player depicting deep form.

54.241.140.6:8080/player?firstName=Kevin&lastName=Durant&email=kevin.durant@gmail.com&street=66 Stall St.&city=San Francisco&state=California&zip=96111&teamId=2

275-lab2 / Create Player (1)

POST | 54.241.140.6:8080/player?firstName=Kevin&lastName=Durant&email=kevin.durant@gmail.com&street=66 Stall St.&city=San Francisco&state=Ca ... | Send

Params ● | Authorization | Headers (7) | Body | Pre-request Script | Tests | Settings | Cookies

| | teamId | 2 | |
| | Key | Value | Description |

Body | Cookies | Headers (5) | Test Results | Status: 200 OK | Time: 70 ms | Size: 658 B | Save Response

Pretty | Raw | Preview | Visualize | JSON

```
1  {
2      "id": 3,
3      "firstName": "Kevin",
4      "lastName": "Durant",
5      "email": "kevin.durant@gmail.com",
6      "description": null,
7      "address": {
8          "street": "66 Stall St.",
9          "city": "San Francisco",
10         "zip": "96111",
11         "state": "California"
12     },
13     "team": {
14         "id": 2,
15         "name": "Golden State Warriors",
16         "description": "The Golden State Warriors are an American professional basketball team based in San Francisco. The Warriors
               compete in the National Basketball Association, as a member of the league's Western Conference Pacific Division"
17     },
18     "opponents": null
```
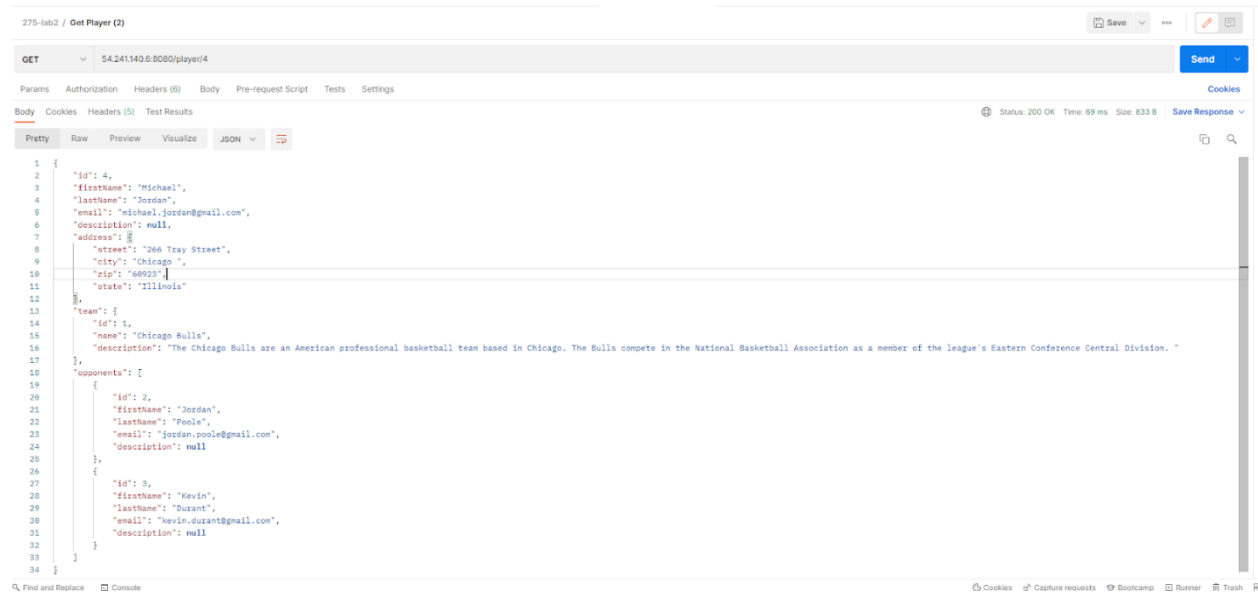
(2) Get a player
Path:player/{id}
Method: GET

i. Get Player Details

54.241.140.6:8080/player/4

(3) Update a player
Path:
player/{id}?firstname=XX&lastname=YY&email=ZZ&description=UU&street=VV$..
Method: PUT

I. Updating a player Successfully

54.241.140.6:8080/player/1?firstName=Steph&lastName=Curry&email=steph.curry@gmail.com&teamId=2

275-lab2 / **Update Player (3)**

| PUT ⌄ | 54.241.140.6:8080/player/1?firstName=Steph&lastName=Curry&email=stephen.curry@gmail.com&teamId=2 | **Send** ⌄ |

Params ●   Authorization   Headers (7)   Body   Pre-request Script   Tests   Settings   Cookies

Query Params

	KEY	VALUE	DESCRIPTION	∞∞∞	Bulk Edit
☑	firstName	Steph			
☑	lastName	Curry			
☑	email	stephen.curry@gmail.com			
☑	teamId	2			
	Key	Value	Description		

Body   Cookies   Headers (5)   Test Results   🌐 Status: 200 OK   Time: 98 ms   Size: 412 B   Save Response ⌄

Pretty   Raw   Preview   Visualize   JSON ⌄

```
1   {
2       "id": 1,
3       "firstName": "Steph",
4       "lastName": "Curry",
5       "email": "stephen.curry@gmail.com",
6       "description": null,
7       "address": {
8           "street": null,
9           "city": null,
10          "zip": null,
11          "state": null
12      },
13      "team": {
14          "id": 2,
15          "name": "Golden State Warriors 2022",
16          "description": null
17      },
18      "opponents": []
```

ii. Invalid player updation

54.241.140.6:8080/player/1?firstName=Steph&lastName=Curry&teamId=2

275-lab2 / **Update Player (3)**

| PUT ⌄ | 54.241.140.6:8080/player/1?firstName=Steph&lastName=Curry&teamId=2 | **Send** ⌄ |

Params ●   Authorization   Headers (7)   Body   Pre-request Script   Tests   Settings   Cookies

Query Params

	KEY	VALUE	DESCRIPTION	∞∞∞	Bulk Edit
☑	firstName	Steph			
☑	lastName	Curry			
☐	email	stephen.curry@gmail.com			
☑	teamId	2			
	Key	Value	Description		

Body   Cookies   Headers (4)   Test Results   🌐 Status: 400 Bad Request   Time: 50 ms   Size: 243 B   Save Response ⌄

Pretty   Raw   Preview   Visualize   JSON ⌄

```
1   {
2       "timestamp": "2022-04-20T04:14:37.735+00:00",
3       "status": 400,
4       "error": "Bad Request",
5       "path": "/player/1"
6   }
```

(4) Delete a player
URL: http://player/{id}
Method: DELETE

54.241.140.6:8080/player/2

Team APIs

(5) Create a team
Path: team?name=XX&description=YY&street=ZZ&...
Method: POST

i. Bad Request due to missing required parameter 'name'

54.241.140.6:8080/team?description=The Chicago Bulls are an American professional basketball team based in Chicago. The Bulls compete in the National Basketball Association as a member of the league's Eastern Conference Central Division. &street=1901 W Madison St&city=Chicago&state=Illinois&zip=60612

ii. Successfully creating a team

54.241.140.6:8080/team?name=Chicago Bulls&description=The Chicago Bulls are an American professional basketball team based in Chicago. The Bulls compete in the National Basketball Association as a member of the league's Eastern Conference Central Division. &street=1901 W Madison St&city=Chicago&state=Illinois&zip=60612

Save

POST | 54.241.140.6:8080/team?name=Chicago Bulls&description=The Chicago Bulls are an American professional basketball team based in Chicago. Th... | Send

Params ● | Authorization | Headers (7) | Body | Pre-request Script | Tests | Settings | Cookies

Query Params

	KEY	VALUE	DESCRIPTION		Bulk Edit
☑	name	Chicago Bulls			
☑	description	The Chicago Bulls are an American professional basketb...			
☑	street	1901 W Madison St			
☑	city	Chicago			

Body | Cookies | Headers (5) | Test Results   Status: 200 OK   Time: 626 ms   Size: 521 B   Save Response ▾

Pretty | Raw | Preview | Visualize | JSON ▾

```
1  {
2      "id": 1,
3      "name": "Chicago Bulls",
4      "description": "The Chicago Bulls are an American professional basketball team based in Chicago. The Bulls compete in the National
           Basketball Association as a member of the league's Eastern Conference Central Division. ",
5      "address": {
6          "street": "1901 W Madison St",
7          "city": "Chicago",
8          "zip": "60612",
9          "state": "Illinois"
10     },
11     "players": null
12  }
```

(6) Get a team
Path:team/{id}
Method: GET

54.241.140.6:8080/team/2

Save

GET | 54.241.140.6:8080/team/2 | Send

Params | Authorization | Headers (6) | Body | Pre-request Script | Tests | Settings | Cookies

Query Params

KEY	VALUE	DESCRIPTION		Bulk E
Key	Value	Description		

Body | Cookies | Headers (5) | Test Results   Status: 200 OK   Time: 49 ms   Size: 747 B   Save Response

Pretty | Raw | Preview | Visualize | JSON ▾

```
2      "id": 2,
3      "name": "Golden State Warriors",
4      "description": "The Golden State Warriors are an American professional basketball team based in San Francisco. The Warriors compete in the National Basketball Association, as a
           member of the league's Western Conference Pacific Division",
5      "address": {
6          "street": "77 Speil St.",
7          "city": "San Francisco",
8          "zip": "95102",
9          "state": "California"
10     },
11     "players": [
12         {
13             "id": 2,
14             "firstName": "Jordan",
15             "lastName": "Poole",
16             "email": "jordan.poole@gmail.com",
17             "description": null
18         },
19         {
20             "id": 3,
21             "firstName": "Kevin",
22             "lastName": "Durant",
23             "email": "kevin.durant@gmail.com",
24             "description": null
25         }
26     ]
27  }
```

(7) Update a team
Path: team/{id}?name=XX&description=YY&street=ZZ&...
Method: PUT

54.241.140.6:8080/team/2?name=Golden State Warriors -
2022&description=Newly updated Team&street=88 Second street&state=CA

(8) Delete a team
URL: http://team/{id}
Method: DELETE

54.241.140.6:8080/team/2

Save | ⌄ | ooo

DELETE ⌄   54.241.140.6:8080/team/2   Send ⌄

Params Authorization Headers (6) Body Pre-request Script Tests Settings   Cookies

Query Params

KEY	VALUE	DESCRIPTION	ooo	Bulk Edit
Key	Value	Description		

Body Cookies Headers (5) Test Results   Status: 200 OK Time: 59 ms Size: 535 B   Save Response ⌄

Pretty Raw Preview Visualize   JSON ⌄

```
 1  {
 2      "id": 2,
 3      "name": "Golden State Warriors - 2022",
 4      "description": "Newly updated Team",
 5      "address": {
 6          "street": "88 Second street",
 7          "city": null,
 8          "zip": null,
 9          "state": "CA"
10      },
11      "players": [
12          {
13              "id": 1,
14              "firstName": "Steph",
15              "lastName": "Curry",
16              "email": "stephen.curry@gmail.com",
17              "description": null
18          },
19          {
20              "id": 3,
21              "firstName": "Kevin",
22              "lastName": "Durant",
23              "email": "kevin.durant@gmail.com",
24              "description": null
```

Cookies Capture requests Bootcamp Runner Trash

Opponent's APIs

(9) Add an opponent
Path:opponents/{id1}/{id2}
Method: PUT

54.241.140.6:8080/opponents/2/4

(10) Remove an opponent
Path:opponents/{id1}/{id2}
Method: DELETE

54.241.140.6:8080/opponents/3/4