

REST API ASSIGNMENT

- Submitted by (Kavita Goodwani INT 438)

1. Create a To Do REST API

(a) Read all task

GET

Params Authorization Headers (8) Body ● Pre-request Script Tests Settings

Body Cookies Headers (8) Test Results

Pretty Raw Preview Visualize JSON

```
1 {
2   "items": [
3     {
4       "id": 0,
5       "description": "New Task 1",
6       "status": "Incomplete"
7     },
8     {
9       "id": 3,
10      "description": "Complete AU Assignment",
11      "status": "Complete"
12    },
13    {
14      "id": 2,
15      "description": "New Task Assignment",
16      "status": "Incomplete"
17    },
18    {
19      "id": 1,
20      "description": "Complete REST API Assignment",
21      "status": "Complete"
22    }
23  ]
24 }
```

(b) Create a Task

PUT

Params Authorization Headers (8) Body ● Pre-request Script Tests Settings

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

```
1 {
2   "id": 4,
3   "description": "New Task Assignment-Maven",
4   "status": "Incomplete"
5 }
```

Body Cookies Headers (11) Test Results

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "Item was created."
3 }
```

Body Cookies Headers (8) Test Results

Pretty

Raw

Preview

Visualize

JSON ▼



```
1  {
2    "items": [
3      {
4        "id": 4,
5        "description": "New Task Assignment",
6        "status": "0"
7      },
8      {
9        "id": 4,
10       "description": "New Task Assignment-Maven",
11       "status": "Incomplete"
12     },
13     {
14       "id": 3,
15       "description": "Complete AU Assignment",
16       "status": "Complete"
17     },
18     {
19       "id": 2,
20       "description": "New Task Assignment",
21       "status": "Incomplete"
22     },
23     {
24       "id": 1,
25       "description": "Complete REST API Assignment",
26       "status": "Complete"
27     }
28   ]
29 }
```

(c) Update a task


PUT http://localhost/Rest-API-Assignment/items/update

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings


● none ● form-data ● x-www-form-urlencoded ● **raw** ● binary ● GraphQL **Text** ▼


```
1 {
2   "id":4,
3   "description": "New Task Assignment-Maven-1",
4   "status":"Incomplete"
5 }
```

Body Cookies Headers (11) Test Results

Pretty Raw Preview Visualize JSON ▼ 

```
1 {
2   "message": "Item was updated."
3 }
```

Body Cookies Headers (8) Test Results  Status: 200 OK

Pretty Raw Preview Visualize JSON ▼ 

```
1 {
2   "items": [
3     {
4       "id": 4,
5       "description": "New Task Assignment-Maven-1",
6       "status": "Incomplete"
7     },
8     {
9       "id": 4,
10      "description": "New Task Assignment-Maven-1",
11      "status": "Incomplete"
12     },
13     {
14       "id": 3,
15       "description": "Complete AU Assignment",
16       "status": "Complete"
17     },
18     {
19       "id": 2,
20       "description": "New Task Assignment",
21       "status": "Incomplete"
22     },
23     {
24       "id": 1,
25       "description": "Complete REST API Assignment",
26       "status": "Complete"
27     }
28   ]
29 }
```


(d) Delete a Task


PUT http://localhost/Rest-API-Assignment/items/delete

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings

● none ● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL **Text** ▼

```
1 {
2   "id": 4
3 }
```


Body Cookies Headers (11) Test Results  Status: 200 OK 1


Pretty Raw Preview Visualize JSON ▼ 

```
1 {
2   "message": "Item was deleted."
3 }
```

GET http://localhost/Rest-API-Assignment/items/read **Send** ▼

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings

Body Cookies Headers (8) Test Results  Status: 200 OK Time: 19 ms Size: 515 B **Save**

Pretty Raw Preview Visualize JSON ▼ 

```
1 {
2   "items": [
3     {
4       "id": 3,
5       "description": "Complete AU Assignment",
6       "status": "Complete"
7     },
8     {
9       "id": 2,
10      "description": "New Task Assignment",
11      "status": "Incomplete"
12     },
13     {
14       "id": 1,
15       "description": "Complete REST API Assignment",
16       "status": "Complete"
17     }
18   ]
19 }
```