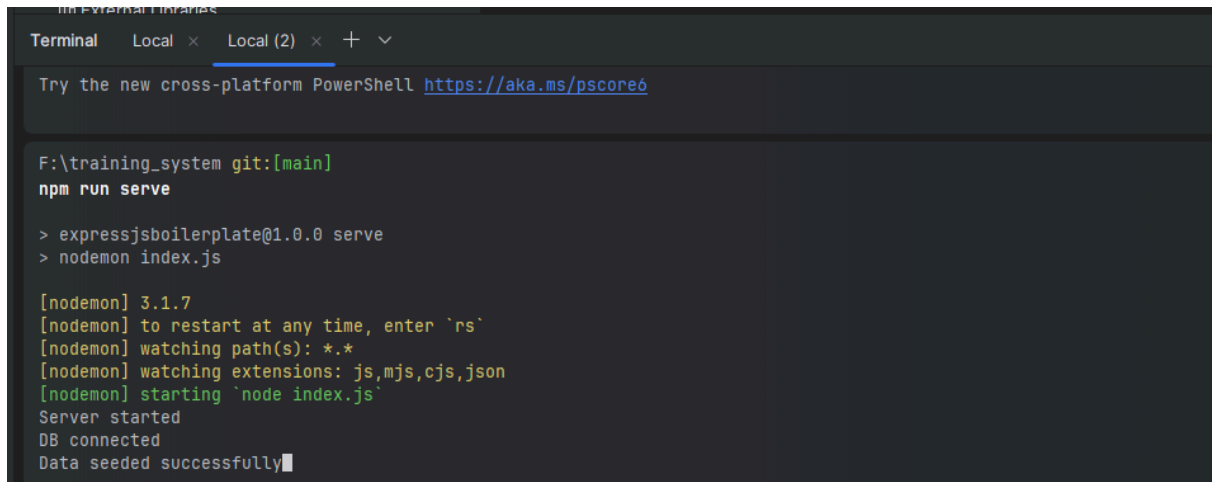


## Review Doc

To review this task, follow the instructions below -

1. At first run “npm install” after cloning the project. Then run “npm run serve”. It'll start the project -



```
Terminal Local x Local (2) x + v
Try the new cross-platform PowerShell https://aka.ms/powershell

F:\training_system git:[main]
npm run serve

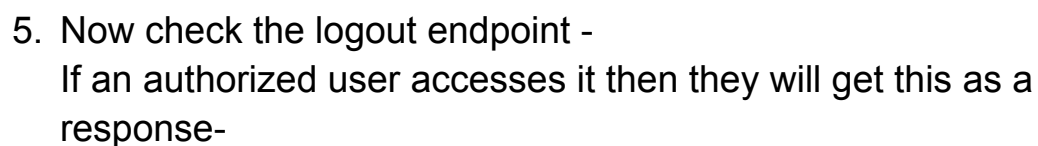
> expressjsboilerplate@1.0.0 serve
> nodemon index.js

[nodemon] 3.1.7
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node index.js`
Server started
DB connected
Data seeded successfully
```

2. As I'm using a seeder, you should be able to have some data initially in the “skills” table and a user with a “board” profile in the “users” table so that you can start creating more data about users and activities. Though a dump file has been provided to import. Also import the json file added for postman to have the endpoints.
3. Once done with the data import part, you can move to check the operation one by one. Start by checking the login endpoint. You can use the data created by the seeder to login. Payload is this one -

```
{
  "email": "test.email@gmail.com",
  "password": "test_password123"
}
```

4. Now check the login as asked per requirement -
  - a. On success -



TrainingSystem / **logout**

GET localhost:3000/api/v1/auth/logout

Params Authorization Headers (7) Body Scripts Settings

Headers 6 hidden

	Key	Value	Description	
<input checked="" type="checkbox"/>	token	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJlbWFPbCI6In...		
	Key	Value	Description	

Body Cookies Headers (22) Test Results 200 OK 11 ms 1.02 KB

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "logout success"
3 }
```

If an unauthorized user accesses it then they will get this response-

TrainingSystem / **logout** Save Share

GET localhost:3000/api/v1/auth/logout Send

Params Authorization Headers (8) Body Scripts Settings Cookies

Headers 7 hidden

	Key	Value	Description	
<input checked="" type="checkbox"/>	token	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJlbWFPbCI6In...		
	Key	Value	Description	

Body Cookies (1) Headers (21) Test Results 401 Unauthorized 4 ms 991 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "Unauthorized user"
3 }
```

6. Now try creating user being in a expert or any other profile instead of board. You should receive response like this -

TrainingSystem / users / createUser

POST localhost:3000/api/v1/user

Params Authorization Headers (9) **Body** Scripts Settings

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

```
1 {
2   "name": "Isabel",
3   "email": "isabel@example.com",
4   "username": "bella",
5   "password": "IsaBellPass789",
6   "profile": "expert",
7   "skill": "671d621f2c9169f3675c3782"
8 }
```

Body Cookies Headers (21) Test Results

401 Unauthorized • 3 ms • 991 B

Pretty Raw Preview Visualize **JSON**

```
1 {
2   "message": "Unauthorized user"
3 }
```

Now try by login as a board profile user -

TrainingSystem / users / createUser

POST localhost:3000/api/v1/user

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

Headers 9 hidden

	Key	Value	Description
<input checked="" type="checkbox"/>	token	{{token}}	
	Key	Value	Description

Body Cookies (1) Headers (21) Test Results

200 OK • 72 ms • 978

Pretty Raw Preview Visualize **JSON**

```
1 {
2   "message": "create success"
3 }
```

If failed -

TrainingSystem / users / createUser

POST localhost:3000/api/v1/user

Params Authorization Headers (10) Body • Scripts Settings

Headers 9 hidden

	Key	Value	Description	...
<input checked="" type="checkbox"/>	token	{{token}}		
	Key	Value	Description	

Body Cookies (1) Headers (21) Test Results

422 Unprocessable Entity • 69 ms • 1006 B •

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "Data cannot be processed"
3 }
```

7. Now login as a user with expert profile and register for an event -  
If the activity registration is successful -

TrainingSystem / activities / createActivity

POST localhost:3000/api/v1/activity

Params Authorization Headers (10) Body • Scripts Settings

Query Params

	Key	Value	Description
	Key	Value	Description

Body Cookies (1) Headers (21) Test Results

200 OK • 8 ms • 978 B •

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "create success"
3 }
```

If it's a different profile user rather than expert -

TrainingSystem / activities / createActivity Save

POST localhost:3000/api/v1/activity

Params Authorization Headers (10) Body Scripts Settings

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

```
1 {
2   "skill": "671d621f2c9169f3675c3780",
3   "title": "Advanced JavaScript Training",
4   "description": "An intensive workshop on advanced JavaScript concepts, including closures, async programming, and memory optimiz",
5   "startdate": "2024-12-20T08:00:00Z",
6   "enddate": "2024-12-20T17:00:00Z",
7   "participants": [
8     "671d7522adef4eabf64ca126",
9     "671d750aadeef4eabf64ca124"
10  ]
11 }
```

Body Cookies (1) Headers (21) Test Results 401 Unauthorized • 5 ms • 991 B • Save

Pretty Raw Preview Visualize JSON Copy

```
1 {
2   "message": "Unauthorized user"
3 }
```

If failed -

POST localhost:3000/api/v1/activity Send

Params Authorization Headers (10) Body Scripts Settings Copy

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

```
1 {
2   "skill": "671d621f2c9169f3675c3780",
3   "title": "Advanced JavaScript Training",
4   "description": "An intensive workshop on advanced JavaScript concepts, including closures, async programming, and memory optimization.",
5   "startdate": "2024-12-21T08:00:00Z",
6   "enddate": "2024-12-20T17:00:00Z",
7   "participants": [
8     "671d7522adef4eabf64ca126",
9     "671d750aadeef4eabf64ca124"
10  ]
11 }
```

Body Cookies (1) Headers (21) Test Results 422 Unprocessable Entity • 5 ms • 1006 B • Save Responses

Pretty Raw Preview Visualize JSON Copy

```
1 {
2   "message": "Data cannot be processed"
3 }
```

8. Now try to update the activity -  
If succeeded -

PUT localhost:3000/api/v1/activity/671d78fa01b121ece1f9891b Send

Params Authorization Headers (10) Body Scripts Settings Cook

none form-data x-www-form-urlencoded raw binary GraphQL JSON Beauti

```
1 {
2   "skill": "671d621f2c9169f3675c3780",
3   "title": "Advanced JavaScript",
4   "description": "An intensive workshop on advanced JavaScript concepts, including closures, async programming, and memory optimization.",
5   "startdate": "2024-10-01T08:00:00Z",
6   "enddate": "2024-10-01T17:00:00Z",
7   "participants": [
8     "671d75efadef4eabf64ca13b",
9     "671d75dbadef4eabf64ca139",
10    "671d75ceadef4eabf64ca137",
11    "671d75bfadef4eabf64ca135"
12  ]
}
```

Body Cookies (1) Headers (21) Test Results 200 OK 9 ms 978 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "update success"
3 }
```

If failed-

PUT localhost:3000/api/v1/activity/671d78fa01b121ece1f9891b

Params Authorization Headers (10) Body Scripts Settings

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

```
1 {
2   "skill": "671d621f2c9169f3675c3780",
3   "title": "Advanced JavaScript",
4   "description": "An intensive workshop on advanced JavaScript concepts, including closures, async programming, and memory
5   "startdate": "2024-10-02T08:00:00Z",
6   "enddate": "2024-10-01T17:00:00Z",
7   "participants": [
8     "671d75efadef4eabf64ca13b",
9     "671d75dbadef4eabf64ca139",
10    "671d75ceadef4eabf64ca137",
11    "671d75bfadef4eabf64ca135"
12  ]
}
```

Body Cookies (1) Headers (21) Test Results 422 Unprocessable Entity 6 ms 1006 B

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "Data cannot be processed"
3 }
```

If unauthorized -

PUT localhost:3000/api/v1/activity/671d78fa01b121ece1f9891b Send

Params Authorization Headers (10) Body Scripts Settings

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

```
1 {
2   "skill": "671d621f2c9169f3675c3780",
3   "title": "Advanced JavaScript",
4   "description": "An intensive workshop on advanced JavaScript concepts, including closures, async programming, and memory optimization.",
5   "startdate": "2024-10-01T08:00:00Z",
6   "enddate": "2024-10-01T17:00:00Z",
7   "participants": [
8     "671d75efadef4eabf64ca13b",
9     "671d75dbadef4eabf64ca139",
10    "671d75ceadef4eabf64ca137",
11    "671d75bbadef4eabf64ca135"
12  ]
13 }
```

Body Cookies (1) Headers (21) Test Results 401 Unauthorized • 3 ms • 991 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "Unauthorized user"
3 }
```

9. Now try to delete any activity.  
If success -

TrainingSystem / activities / deleteActivity

DELETE localhost:3000/api/v1/activity/671d5c838c7a9f8c5940ab9c

Params Authorization Headers (8) Body Scripts Settings

Headers 7 hidden

	Key	Value	Description	...
<input checked="" type="checkbox"/>	token	{{token}}		
	Key	Value	Description	

Body Cookies (1) Headers (21) Test Results 200 OK • 5 ms • 978 B

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "delete success"
3 }
```

If failed -



HTTP TrainingSystem / activities / deleteActivity

DELETE localhost:3000/api/v1/activity/671d5c838c7a9f8c5940ab9ca

Params Authorization Headers (8) Body Scripts Settings

Headers 7 hidden

	Key	Value	Description
<input checked="" type="checkbox"/>	token	{{token}}	
	Key	Value	Description

Body Cookies (1) Headers (21) Test Results

422 Unprocessable Entity 6 ms 11

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "Data cannot be processed"
3 }
```

If unauthorized -

DELETE localhost:3000/api/v1/activity/671d5c838c7a9f8c5940ab9c

Params Authorization Headers (8) Body Scripts Settings

Query Params

	Key	Value	Description
	Key	Value	Description

Body Cookies (1) Headers (21) Test Results

401 Unauthorized

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "Unauthorized user"
3 }
```

10. Now check the list of activities -

TrainingSystem / activities / getAllActivities

GET localhost:3000/api/v1/activities/671d621f2c9169f3675c3780?page=1&limit=100&sort=startdate&order=asc

Params Authorization Headers (10) Body Scripts Settings

Query Params

Key	Value	Description
page	1	
limit	100	
sort	startdate	
order	asc	

Body Cookies (1) Headers (21) Test Results 200 OK 24 ms 15.17 KB Save Response

Pretty Raw Preview Visualize JSON

```

1 {
2   "activities": [
3     { ...
26   },
27   { ...
50   },
51   {
52     "skill_id": "671d621f2c9169f3675c3780",
53     "skill_name": "Javascript",
54     "title": "Advanced JavaScript Training",
55     "description": "An intensive workshop on advanced JavaScript concepts, including closures, async programming, and memory
56       optimization.",
57     "startdate": "2024-10-01T00:00:00.000Z",
58     "enddate": "2024-10-01T17:00:00.000Z",
59     "participants": [

```

You can change the page number, limit, by which column you want to sort, and sorting order. Each data will be like this -

```

120     "skill_name": "Go"
121   }
122 }
123 ],
124 },
125 {
126   "skill_id": "671d621f2c9169f3675c3780",
127   "skill_name": "Javascript",
128   "title": "Advanced JavaScript Training",
129   "description": "An intensive workshop on advanced JavaScript concepts, including closures, async programming, and memory optimization.",
130   "startdate": "2024-11-01T00:00:00.000Z",
131   "enddate": "2024-11-01T17:00:00.000Z",
132   "participants": [
133     {
134       "id": "671d75ceadef4eabf64ca137",
135       "name": "Sophia",
136       "profile": "expert",
137       "skill": {
138         "_id": "671d621f2c9169f3675c3782",
139         "skill_name": "Go"
140       }
141     },
142     {
143       "id": "671d75bfadef4eabf64ca135",
144       "name": "George",
145       "profile": "expert",
146       "skill": {
147         "_id": "671d621f2c9169f3675c3782",
148         "skill_name": "Go"
149       }
150     }
151   ]
152 },
153 {
154   "skill_id": "671d621f2c9169f3675c3780",
155   "skill_name": "Javascript",

```

If failed -

GET

localhost:3000/api/v1/activities/671d621f2c9169f3675c37801?page=1&limit=100&sort=startdate&order=asc

Params

Authorization

Headers (10)

Body

Scripts

Settings

Query Params

<input checked="" type="checkbox"/>	Key	Value	Description
<input checked="" type="checkbox"/>	page	1	
<input checked="" type="checkbox"/>	limit	100	
<input checked="" type="checkbox"/>	sort	startdate	
<input checked="" type="checkbox"/>	order	asc	
	Key	Value	Description

Body	Cookies (1)	Headers (21)	Test Results	422 Unprocessable Entity	5 m
Pretty	Raw	Preview	Visualize	JSON	
1	{				
2	"message": "Data cannot be processed"				
3	}				

If unauthorized user access it -

TrainingSystem / activities / getAllActivities

GET

localhost:3000/api/v1/activities/671d621f2c9169f3675c3780?page=1&limit=100&sort=startdate&order=asc

Params

Authorization

Headers (10)

Body

Scripts

Settings

Query Params

<input checked="" type="checkbox"/>	Key	Value	Description
<input checked="" type="checkbox"/>	page	1	
<input checked="" type="checkbox"/>	limit	100	
<input checked="" type="checkbox"/>	sort	startdate	
<input checked="" type="checkbox"/>	order	asc	
	Key	Value	Description

Body

Cookies (1)

Headers (21)

Test Results

401 Unauthorized

3 ms

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "message": "Unauthorized user"
3 }
```

11. Now check the skills list -

HTTP TrainingSystem / skills / getAllSkills

GET localhost:3000/api/v1/skills

Params • Authorization Headers (8) Body Scripts Settings

Headers 7 hidden

	Key	Value	Description
<input checked="" type="checkbox"/>	token	{{token}}	
	Key	Value	Description

Body Cookies (1) Headers (21) Test Results 200 OK • 6 ms •

Pretty Raw Preview Visualize JSON

```
1 {
2   "data": [
3     {
4       "_id": "671d621f2c9169f3675c3780",
5       "skill_name": "Javascript"
6     },
7     {
8       "_id": "671d621f2c9169f3675c3781",
9       "skill_name": "PHP"
10    },
11    {
12      "_id": "671d621f2c9169f3675c3782",
13      "skill_name": "Go"
14    },
15    {
16      "_id": "671d621f2c9169f3675c3783",
17      "skill_name": "C#"
18    },
19    {
20      "_id": "671d621f2c9169f3675c3784",
21      "skill_name": "Express JS"
22    },
23    {
24      "_id": "671d621f2c9169f3675c3785",
25      "skill_name": "Laravel"
26    },
27    {
28      "_id": "671d621f2c9169f3675c3786",
29      "skill_name": "Symfony"
30    },
31  ]
32 }
```

If unauthorized user access it -

HTTP TrainingSystem / skills / getAllSkills

GET localhost:3000/api/v1/skills

Params • Authorization Headers (9) Body Scripts Settings

Query Params

<input type="checkbox"/>	Key	Value	Description
<input type="checkbox"/>			
	Key	Value	Description

Body Cookies (1) Headers (21) Test Results 401 Unauthorized • 3 ms •

Pretty Raw Preview Visualize JSON ▼

```
1 {
2   "message": "Unauthorized user"
3 }
```

Additionally, request files have been provided to do the request validation