

POST http://...

DEL http://...

GET http://...

POST http://...

POST http://...

GET http://...

GET http://...

GET http://...

+

...

No Environment

Build

Send

Save

Untitled Request

GET

http://localhost:8080/admin/products

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

Co

TYPE

Basic Auth

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Username

admin

Password

.....

Show Password

Body

Cookies (1)

Headers (12)

Test Results

Status: 200 OK

Time: 118 ms

Size: 1.61 KB

Save Response

Pretty

Raw

Preview

Visualize

JSON

1

[

2

{

3

"productId": 1,

4

"productName": "Nike Air Jordan",

5

"productPrice": 12000,

6

"category": "Sports"

7

},

8

{

9

"productId": 2,

10

"productName": "ASICS Shoes",

11

"productPrice": 3000,

12

"category": "Women Running"

13

},

14

{

Activate Windows

Go to Settings to activate Windows.

POST http://...DEL http://...GET http://...POST http://...POST http://...DEL http://...GET http://...GET http://...+...

No Environment

BUILD

Untitled Request

DELETE

http://localhost:8080/admin/products/4

Send

Save

ParamsAuthorization●Headers (9)BodyPre-request ScriptTestsSettings

BodyCookies (1)Headers (10)Test Results

1

⌚ Status: 200 OKTime: 635 msSize: 305 BSave Response

PrettyRawPreviewVisualizeText

POST http://localhost:8080/

DEL http://localhost:8080/

GET http://localhost:8080/

POST http://localhost:8080/

POST http://localhost:8080/

GET http://localhost:8080/

GET http://localhost:8080/

GET http://localhost:8080/

+

...

No Environment

Untitled Request

BUILD

GET

http://localhost:8080/admin/users/Sangu

Send

Save

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

Code

Body

Cookies (1)

Headers (11)

Test Results

Status: 200 OK

Time: 207 ms

Size: 668 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "userId": 1,
3   "userName": "Sangu",
4   "userEmail": "bsangu@gmail.com",
5   "userPassword": "$2a$10$FZcdT80K4xKpBSeHG01zQ0o.1f3h1HeSjXrXy46mur/yhJvCcyVoC",
6   "products": [
7     {
8       "productId": 9,
9       "productName": "Provogue FX",
10      "productPrice": 3000,
11      "category": "Men Formal"
12    },
13    {
14      "productId": 12,
15      "productName": "Adidas ASR",
16      "productPrice": 6000,
17      "category": "Men"
18    }
19  ]
20 }
```

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POST http://...

DEL http://...

GET http://...

POST http://...

POST http://...

GET http://...

GET http://...

GET http://...

+

...

No Environment

BUILD

Untitled Request

GET

http://localhost:8080/admin/products/2

Send

Save

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

Cod

Body

Cookies (1)

Headers (11)

Test Results

Save Response

Pretty

Raw

Preview

Visualize

JSON

1

{

2

"productId": 2,

3

"productName": "ASICS Shoes",

4

"productPrice": 3000,

5

"category": "Women Running"

6

}

The screenshot shows the Postman REST client interface. At the top, there's a toolbar with various HTTP method buttons (POST, DEL, GET, etc.) and a 'No Environment' dropdown. Below this, the 'Untitled Request' section shows the selected method 'GET' and the URL 'http://localhost:8080/admin/products'. To the right of the URL are 'Send' and 'Save' buttons. Below the URL bar, there are tabs for 'Params', 'Authorization', 'Headers (9)', 'Body', 'Pre-request Script', 'Tests', and 'Settings'. The 'Body' tab is currently selected, showing a 'Query Params' table with columns 'KEY', 'VALUE', and 'DESCRIPTION'. Below the table, there are tabs for 'Body', 'Cookies (1)', 'Headers (12)', and 'Test Results'. The 'Body' tab is selected, showing a JSON response in 'Pretty' format. The response is a JSON array of three product objects. At the bottom right, there's a status bar showing 'Status: 200 OK', 'Time: 118 ms', 'Size: 1.61 KB', and a 'Save Response' button. An 'Activate Windows' watermark is visible in the bottom right corner.

KEY	VALUE	DESCRIPTION
		...

```
{
  "productId": 1,
  "productName": "Nike Air Jordan",
  "productPrice": 12000,
  "category": "Sports"
},
{
  "productId": 2,
  "productName": "ASICS Shoes",
  "productPrice": 3000,
  "category": "Women Running"
},
{
  "productId": 3,
  "productName": "Puma2x Shoes",
  "productPrice": 3000,
  "category": "Women Running"
}
}
```

POST http://...

DEL http://...

GET http://...

POST http://...

POST http://...

GET http://...

GET http://...

GET http://...

+

...

No Environment

BUILD

Untitled Request

GET

http://localhost:8080/admin/products/categorize/women running

Send

Save

ParamsAuthorization●Headers (9)BodyPre-request ScriptTestsSettings

Cookies (1)Headers (11)Test Results

BodyCookies (1)Headers (11)Test Results

⚙️Status: 200 OKTime: 14 msSize: 619 BSave Response

PrettyRawPreviewVisualizeJSON

1

[

2

{

3

"productId": 2,

4

"productName": "ASICS Shoes",

5

"productPrice": 3000,

6

"category": "Women Running"

7

},

8

{

9

"productId": 3,

10

"productName": "Puma2x Shoes",

11

"productPrice": 3000,

12

"category": "Women Running"

13

},

14

{

15

"productId": 8,

16

"productName": "Puma M12X",

17

"productPrice": 3000,

18

"category": "Women Running"

19

}

20

]

Activate Windows

Go to Settings to activate Windows.

POST http://...

DEL http://...

GET http://...

POST http://...

POST http://...

GET http://...

GET http://...

GET http://...

+

...

No Environment

👁

🔗

Untitled Request

BUILD

✎

💬

GET

http://localhost:8080/admin/users

Send

Save

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

Code

Body

Cookies (1)

Headers (11)

Test Results

🌐

Status: 200 OK

Time: 357 ms

Size: 1.85 KB

Save Response

Pretty

Raw

Preview

Visualize

JSON

🔍

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

{
 "userId": 1,
 "userName": "Sangu",
 "userEmail": "bsangu@gmail.com",
 "userPassword": "\$2a\$10\$FZcdT80K4xKpBSeHG01zQ0o.1f3h1HeSjXrXy46mur/yhJvCcYVoC",
 "products": [
 { ...
 },
 { ...
 }
]
},
{
 "userId": 2,
 "userName": "Avicii1",
 "userEmail": "avicii@gmail.com",
 "userPassword": "\$2a\$10\$Gu42RoV61tLpCPttcavYgeR157HUqLcZV8f/75oB3FQT11BNvFXZC",
 "products": [
 {
 "productId": 10,
 "productName": "HRX X Edition",
 "productPrice": 4000,
 "productImage": "HRX_X_Edition.jpg"
 }
]
}

Activate Windows
Go to Settings to activate Windows.

POST http://...

DEL http://...

GET http://...

POST http://...

POST http://...

GET http://...

GET http://...

GET http://...

+

...

No Environment

Untitled Request

BUILD

GEThttp://localhost:8080/admin/purchasereport

Send

Save

ParamsAuthorization●Headers (9)BodyPre-request ScriptTestsSettingsCookiesCode

BodyCookies (1)Headers (11)Test Results

⌚Status: 200 OKTime: 51 msSize: 1.8 KBSave Response

PrettyRawPreviewVisualizeJSON

1

[

2

{

3

"id": 1,

4

"categoryOfProduct": "Men Sports",

5

"productName": "Adidas M12",

6

"priceOfTheProduct": 16000,

7

"userWhoBoughtTheProduct": "ronaldo",

8

"userEmailBoughtTheProduct": "ronaldo@gmail.com",

9

"dateOfProductPurchase": "2021-08-12"

10

},

11

{

12

"id": 2,

13

"categoryOfProduct": "Sports",

14

"productName": "Nike Air Jordan",

15

"priceOfTheProduct": 12000,

16

"userWhoBoughtTheProduct": "ronaldo",

17

"userEmailBoughtTheProduct": "ronaldo@gmail.com",

18

"dateOfProductPurchase": "2021-08-12"

19

},

20

{

21

"id": 3,

22

"categoryOfProduct": "Men Formal",

23

"productName": "Provogue FX",

24

"priceOfTheProduct": 8000

Activate Windows

Go to Settings to activate Windows.

Bootcamp

Build

Browse

POST http://...

DEL http://...

GET http://...

POST http://...

POST http://...

GET http://...

GET http://...

GET http://...

+

...

No Environment

Build

Untitled Request

GET

http://localhost:8080/admin/purchasereport/category/Men Sports

Send

Save

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

Cookies (1)

Headers (11)

Test Results

Status: 200 OK

Time: 20 ms

Size: 779 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

[

{

"id": 1,

"categoryOfProduct": "Men Sports",

"productName": "Adidas M12",

"priceOfTheProduct": 16000,

"userWhoBoughtTheProduct": "ronaldo",

"userEmailBoughtTheProduct": "ronaldo@gmail.com",

"dateOfProductPurchase": "2021-08-12"

}

,

{

"id": 7,

"categoryOfProduct": "Men Sports",

"productName": "HRX X Edition",

"priceOfTheProduct": 4000,

"userWhoBoughtTheProduct": "Avicii",

"userEmailBoughtTheProduct": "avicii@gmail.com",

"dateOfProductPurchase": "2021-09-02"

}

]

POST http://...

DEL http://...

GET http://...

POST http://...

POST http://...

GET http://...

GET http://...

GET http://...

+

...

No Environment

Untitled Request

BUILD

GEThttp://localhost:8080/admin/purchasereport/date/2021-08-31

SendSave

ParamsAuthorization●Headers(9)BodyPre-request ScriptTestsSettingsCookiesCode

BodyCookies(1)Headers(9)Test Results

🌐Status: 204 No ContentTime: 206 msSize: 294 BSave Response

PrettyRawPreviewVisualizeText

1

POST http://...

DEL http://...

GET http://...

POST http://...

POST http://...

GET http://...

GET http://...

GET http://...

+

...

No Environment

Untitled Request

BUILD

GEThttp://localhost:8080/admin/purchasereport/date/2021-09-02

Send

Save

ParamsAuthorizationHeaders (9)BodyPre-request ScriptTestsSettings

CookiesCode

BodyCookies (1)Headers (11)Test Results

Status: 200 OKTime: 29 msSize: 990 BSave Response

PrettyRawPreviewVisualizeJSON

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

{
 "id": 3,
 "categoryOfProduct": "Men Formal",
 "productName": "Provogue FX",
 "priceOfTheProduct": 3000,
 "userWhoBoughtTheProduct": "vijaya",
 "userEmailBoughtTheProduct": "vijaya@gmail.com",
 "dateOfProductPurchase": "2021-09-02"
},
{
 "id": 6,
 "categoryOfProduct": "Women Running",
 "productName": "ASICS Shoes",
 "priceOfTheProduct": 3000,
 "userWhoBoughtTheProduct": "andu",
 "userEmailBoughtTheProduct": "andu@gmail.com",
 "dateOfProductPurchase": "2021-09-02"
},
{
 "id": 7,
 "categoryOfProduct": "Men Sports",
 "productName": "HRX X Edition",
 "priceOfTheProduct": 3000

Activate Windows
Go to Settings to activate Windows.

Assessment

Sport Shoes - Google Docs

bsangamesh/sporty-shoes-api

Swagger UI

localhost8080/swagger-ui/#/admin-controller

Apache 2.0

admin-controller

Admin Controller

GET

/admin/products

getAllProducts

POST

/admin/products

addProduct

GET

/admin/products/{productId}

getProductById

DELETE

/admin/products/{productId}

deleteById

GET

/admin/products/categorize/{category}

getAllProductsBasedOnCategory

GET

/admin/purchasereport

getPurchaseReport

GET

/admin/purchasereport/category/{category}

getPurchaseReportBasedOnCategory

GET

/admin/purchasereport/date/{date}

getPurchaseReportBasedOnDate

GET

/admin/users

getAllSignedUpUsers

GET

/admin/users/{userName}

getSignedUpUser

Activate Windows
Go to Settings to activate Windows.

POST http://...

DEL http://...

GET http://...

POST http://...

POST http://...

GET http://...

GET http://...

GET http://...

+

...

No Environment

BUILD

Save

Untitled Request

GET

http://localhost:8080/admin/products

Send

Save

Params

Authorization

Headers (8)BodyPre-request ScriptTestsSettings

TYPE

No Auth

This request does not use any authorization. [Learn more about authorization](#)

Body

Cookies (1)Headers (12)Test Results

PrettyRawPreviewVisualize

JSON

1{
2 "timestamp": "2021-09-03T07:39:55.308+00:00",
3 "status": 401,
4 "error": "Unauthorized",
5 "message": "Unauthorized",
6 "path": "/admin/products"
7}

Status: 401 UnauthorizedTime: 32 msSize: 526 B

Save Response

```
mysql> select * from product;
```

product_id	category	product_name	product_price
1	Sports	Nike Air Jordan	12000
2	Women Running	ASICS Shoes	3000
3	Women Running	Puma2x Shoes	3000
5	Women Ballerine	Cole Haan	12000
6	Men Sports	Adidas M12	16000
7	Women Sports	Adidas M12X	16000
8	Women Running	Puma M12X	3000
9	Men Formal	Provogue FX	3000
10	Men Sports	HRX X Edition	4000
11	Men	HRX XSR	2000
12	Men	Adidas ASR	6000
13	Women	Adidas WMR	3400
14	Women	Reenok ERE	5500

```
13 rows in set (0.00 sec)
```

```
mysql> select * from purchase_report;
```

id	category_of_product	date_of_product_purchase	price_of_the_product	product_name	user_email_bought_the_product	user_who_bought_the_product
1	Men Sports	2021-08-12	16000	Adidas M12	ronaldo@gmail.com	ronaldo
2	Sports	2021-08-12	12000	Nike Air Jordan	ronaldo@gmail.com	ronaldo
3	Men Formal	2021-09-02	3000	Provogue FX	vijaya@gmail.com	vijaya
4	Men Formal	2021-08-30	3000	Provogue FX	bsangu@gmail.com	Sangu
5	Men	2021-08-30	6000	Adidas ASR	bsangu@gmail.com	Sangu
6	Women Running	2021-09-02	3000	ASICS Shoes	andu@gmail.com	andu
7	Men Sports	2021-09-02	4000	HRX X Edition	avicii@gmail.com	Avicii
8	Men Sports	2021-09-03	16000	Adidas M12	chris@gmail.com	christopher nolan

```
8 rows in set (0.00 sec)
```

POST http://localhost:8080/users/7/buy/Adidas M12

DEL http://localhost:8080/users/7/buy/Adidas M12

GET http://localhost:8080/users/7/buy/Adidas M12

POST http://localhost:8080/users/7/buy/Adidas M12

POST http://localhost:8080/users/7/buy/Adidas M12

DEL http://localhost:8080/users/7/buy/Adidas M12

GET http://localhost:8080/users/7/buy/Adidas M12

GET http://localhost:8080/users/7/buy/Adidas M12

+

...

No Environment

BUILD

Send

Save

Untitled Request

POST

http://localhost:8080/users/7/buy/Adidas M12

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

This request does not have a body

Body

Cookies (1)

Headers (11)

Test Results

Status: 200 OK

Time: 252 ms

Size: 387 B

Save Response

Pretty

Raw

Preview

Visualize

Text

1 You have successfully bought : Adidas M12


```
mysql> select * from user;
```

user_id	email	name	password
1	bsangu@gmail.com	Sangu	\$2a\$10\$FZcdT8OK4xKpBSeHG0lzQ0o.1f3hlHeSjXrXy46mur/yhJvCcyVoC
2	avicii@gmail.com	Avicii	\$2a\$10\$Gu42RoV6ltLpCPttcavYgeRl57HUqLcZV8f/75oB3FQT11BNvfXZC
3	vijaya@gmail.com	vijaya	\$2a\$10\$IRdfQePtBF1PAr0CNLs1z.Zj.2CT6PvurxdLE/qi/nnxeNy3xA.2
4	punith@gmail.com	punith	\$2a\$10\$zzvFreiLlBLDqIx1u8EtRuslB0QmpPba/Xr7roL1WT6uA4sxpdsG6
5	andu@gmail.com	andu	\$2a\$10\$ysA/7wTLxv450hcCwpbLDufSxYpZdR/H09/NJRI37kJIqIJ4/0cEO
6	ronaldo@gmail.com	ronaldo	\$2a\$10\$qoIzSbPLSyY9QBge1.fYbeRNQVbhSh59X00JKAKVAoQXd1g/5lcYC
7	chris@gmail.com	christopher nolan	\$2a\$10\$ccfvB2dNo2/dvn5aQlflCeNAKlRL.GZPbLbLNVsCDn8aH6eptHsRG

```
7 rows in set (0.00 sec)
```

user-controller User Controller



POST	/users/{userId}/buy/{productName}	buyProductByName
POST	/users/signup	register

POST http://localhost:8080/users/signup

SendSave

ParamsAuthorizationHeaders (10)BodyPre-request ScriptTestsSettings

noneform-data x-www-form-urlencodedrawbinaryGraphQLJSON

```
1 {
2   "userName": "Christopher Nolan",
3   "userEmail": "chris@gmail.com",
4   "userPassword": "nolan"
5 }
```

BodyCookies (1)Headers (11)Test Results

PrettyRawPreviewVisualizeText

1 Signed Up Successfully!

Status: 200 OKTime: 1103 msSize: 369 BSave Response