

# PRODUCT MANAGEMENT

## ➤ Backend Project:

### POST:

The screenshot shows the Postman interface with a POST request to `http://localhost:8080/products`. The request body is a JSON object representing a product. The response is a `201 Created` status with a response time of 95 ms and a body size of 195 B. The response body contains a single JSON object: `{ "id": 1, "productName": "Telescopic ", "price": 99, "category": "Home Appliances", "description": "Telescopic ladder aluminum alloy Shrink size of expansion ladder 2.8FT x 19inch x 1.8inch, fully developed height 15.5FT, step distance between the ladder is 11.8inch, ladder pedals 1.6inch.", "rating": 5.0 }`. The status bar at the bottom shows "Postbot Ctrl Alt P".

```
1 {
2   "productName": "Telescopic ",
3   "price": 99,
4   "category": "Home Appliances",
5   "description": "Telescopic ladder aluminum alloy Shrink size of expansion ladder 2.8FT x 19inch x 1.8inch, fully developed height 15.5FT, step distance
6     between the ladder is 11.8inch, ladder pedals 1.6inch.",
7   "rating": 5.0
8 }
```

201 Created · 95 ms · 195 B · Save Response

1 Product saved successfully

### GET:

The screenshot shows the Postman interface with a GET request to `http://localhost:8080/products`. The response is a `200 OK` status with a response time of 20 ms and a body size of 5.21 KB. The response body contains a JSON array of two product objects. The status bar at the bottom shows "Postbot Ctrl Alt P".

```
1 [
2   {
3     "id": 1,
4     "productName": "Dyazo Tabletop Laptop Stand",
5     "price": 389.0,
6     "category": "Electronic Gadgets",
7     "description": "The Dyazo adjustable laptop raisern stand is made with ABS material for a strong and durable design that can hold up to 2 kg in
8       weight",
9     "rating": 4.8
10  },
11  {
12    "id": 2,
13    "productName": "Zodo 8. 5 inch LCD E-Writer Electronic Writing Pad",
14    "price": 1899.0,
15    "category": "Electronic Gadgets",
16    "description": "Zodo Brings to us this 8.5 inch LCD E-writer. This Tab can be used for writing notes down or to draw sketch etc.The tab also has a
17      convenient one touch erase option .",
18    "rating": 4.9
19  }
20 ]
```

200 OK · 20 ms · 5.21 KB · Save Response

Postman interface showing a REST client request to `http://localhost:8080/products` using the GET method. The response is a 200 OK status with a 20 ms response time and 5.21 KB of data. The response body is displayed in JSON format, showing a list of products:

```
25 {
26   "id": 4,
27   "productName": "CP PLUS 2 MP Full HD Smart Wi-Fi CCTV Camera",
28   "price": 1999.0,
29   "category": "Electronic Gadgets",
30   "description": "1800p Full HD Wi-Fi AI Camera, Human Body Detection, Full Color Night vision, 2 Way Audio, Built-In 16x Optical Zoom1800p Full HD
31   Wi-Fi AI Camera, Human Body Detection, Full Color Night vision, 2 Way Audio, Built-In 16x Optical Zoom",
32   "rating": 4.9
33 },
34 {
35   "id": 5,
36   "productName": "Fire-Boltt 4G Pro VoLTE Calling Smart Watch",
37   "price": 2999.0,
38   "category": "Electronic Gadgets",
39   "description": "Support triple network 4G full Netcon, Support dynamic heart rate monitoring, Red light blood oxygen monitoring,Display, 240x296
40   Pixel High Resolution, Built In Mic & Speaker, 4G+GPS",
41   "rating": 5.0
42 }
```

Postman interface showing the same REST client request to `http://localhost:8080/products` using the GET method. The response is a 200 OK status with a 20 ms response time and 5.21 KB of data. The response body is displayed in JSON format, showing a list of products:

```
25 {
26   "id": 4,
27   "productName": "CP PLUS 2 MP Full HD Smart Wi-Fi CCTV Camera",
28   "price": 1999.0,
29   "category": "Electronic Gadgets",
30   "description": "1800p Full HD Wi-Fi AI Camera, Human Body Detection, Full Color Night vision, 2 Way Audio, Built-In 16x Optical Zoom1800p Full HD
31   Wi-Fi AI Camera, Human Body Detection, Full Color Night vision, 2 Way Audio, Built-In 16x Optical Zoom",
32   "rating": 4.9
33 },
34 {
35   "id": 5,
36   "productName": "Fire-Boltt 4G Pro VoLTE Calling Smart Watch",
37   "price": 2999.0,
38   "category": "Electronic Gadgets",
39   "description": "Support triple network 4G full Netcon, Support dynamic heart rate monitoring, Red light blood oxygen monitoring,Display, 240x296
40   Pixel High Resolution, Built In Mic & Speaker, 4G+GPS",
41   "rating": 5.0
42 }
```

Postman interface showing the same REST client request to `http://localhost:8080/products` using the GET method. The response is a 200 OK status with a 20 ms response time and 5.21 KB of data. The response body is displayed in JSON format, showing a list of products:

```
59 {
60   "id": 8,
61   "productName": "UNIQUE Wireless Door Bell for Home",
62   "price": 849.0,
63   "category": "Home Appliances",
64   "description": "The doorbell has an impressive operating range of 300m / 1000ft in open areas, making it suitable for use in any corner of your
65   space. You can install it anywhere without worrying about the range being an issue",
66   "rating": 4.6
67 },
68 {
69   "id": 9,
70   "productName": "YOGI Mechanical Safe / Locker",
71   "price": 2999.0,
72   "category": "Home Appliances",
73   "description": "This high security safe with elegant color will perfectly match the decoration style of your home or office.It will become a part of
74   your fashion furniture.",
75   "rating": 4.7
76 },
77 {
78   "id": 10,
79   "productName": "CP PLUS 2 MP Full HD Smart Wi-Fi CCTV Camera",
80   "price": 1999.0,
81   "category": "Electronic Gadgets",
82   "description": "1800p Full HD Wi-Fi AI Camera, Human Body Detection, Full Color Night vision, 2 Way Audio, Built-In 16x Optical Zoom1800p Full HD
83   Wi-Fi AI Camera, Human Body Detection, Full Color Night vision, 2 Way Audio, Built-In 16x Optical Zoom",
84   "rating": 4.9
85 }
```

HomeWorkspacesAPI Network

Search Postman

WriteSettingsPostmanUpgrade

Looks like your team is full. To expand, organize, manage your team effortlessly, upgrade your plan.

OverviewGET localhost:8081/courseGET http://localhost:8080/products

No environment

SaveShare

New Collection / http://localhost:8080/post/products

SaveShare

GEThttp://localhost:8080/products

Send

ParamsAuthorizationHeaders (3)BodyScriptsTestsSettings

Cookies

BodyCookiesHeaders (5)Test Results

200 OK · 20 ms · 5.21 KB · Save Response

PrettyRawPreviewVisualizeJSON

PostbotCtrl Alt P

75" id": 10,  
76"productName": "Telescopic Ladder",  
77"price": 8499.0,  
78"category": "Home Appliances",  
79"description": "Telescopic ladder aluminum alloy Shrink size of expansion ladder 2.8FT x 19inch x 1.6inch, fully developed height 15.5FT, step  
distance between the ladder is 11.8inch, ladder pedals 1.6inch.",  
80"rating": 4.9  
81},  
82{  
83" id": 11,  
84"productName": "TASMAX Twist and tie Wire Cutter",  
85"price": 699.0,  
86"category": "Gardening Accessories",  
87"description": "GREAT FOR SUPPORTING PLANTS & MORE- This Twistee Garden Wire is covered with durable plastic, making it ideal for securing plants in  
the garden. The garden wire is complete with dispenser and a cutter. ",  
88"rating": 4.7  
89},  
90},  
91]`4n` `3`

PostbotCtrl Alt P

OnlineFind and replaceConsole

PostbotRunnerStart ProxyCookiesVaultTrash

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Search Postman

WriteSettingsPostmanUpgrade

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OverviewGET localhost:8081/courseGET http://localhost:8080/products

No environment

SaveShare

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Send

ParamsAuthorizationHeaders (3)BodyScriptsTestsSettings

Cookies

BodyCookiesHeaders (5)Test Results

200 OK · 20 ms · 5.21 KB · Save Response

PrettyRawPreviewVisualizeJSON

PostbotCtrl Alt P

91" id": 12,  
92"productName": "ORGANIC BAZAR 18x9 Leafy Grow Bags for Terrace Garden",  
93"price": 635.0,  
94"category": "Gardening Accessories",  
95"description": "UV Resistant: The HDPE material is also UV resistant, protecting your plants from harmful UV rays and ensuring the longevity of the  
grow bag.",  
96"rating": 4.7  
97},  
98{  
99" id": 13,  
100"productName": "Solino 3-Piece Gardening Tool Kit",  
101"price": 109.0,  
102"category": "Gardening Accessories",  
103"description": "This gardening kit features a trowel, hand cultivator, and garden fork, providing everything you need for a variety of gardening  
tasks.",  
104"rating": 4.4  
105},  
106},  
107]`4n` `3`

PostbotCtrl Alt P

OnlineFind and replaceConsole

PostbotRunnerStart ProxyCookiesVaultTrash

The image displays two screenshots of the Postman API client interface, showing the results of a GET request to the endpoint `http://localhost:8080/products`. Both screenshots show a 200 OK status with a response time of 20 ms and a body size of 5.21 KB.

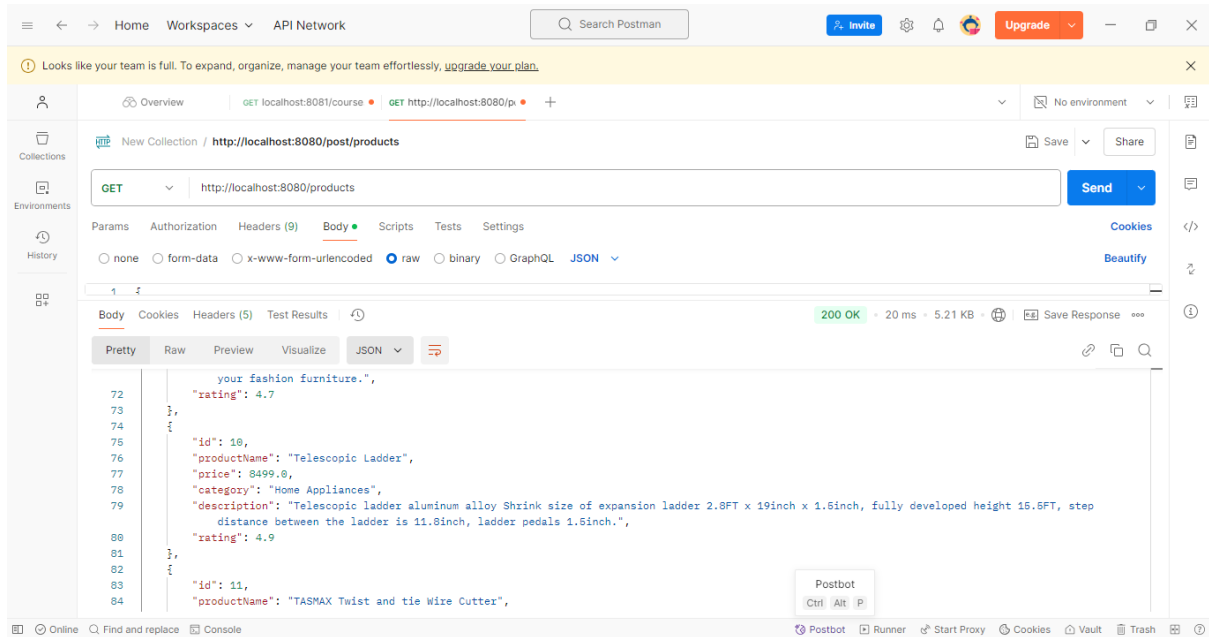
**Top Screenshot:** The response body is displayed in the 'Pretty' tab, showing a JSON array of product objects. The visible portion of the response is as follows:

```
106 {
107   "id": 14,
108   "productName": "Kraft Seeds by 10CLUB Assorted Hand Pruner Cuttes",
109   "price": 199.0,
110   "category": "Gardening Accessories",
111   "description": "This tool comes with our exclusive lifetime guarantee. We are committed to producing top quality products that we know you will love",
112   "rating": 4.4
113 },
114 {
115   "id": 15,
116   "productName": "Kraft Seeds by 10CLUB Pressure Spray Pump ",
117   "price": 299.0,
118   "category": "Gardening Accessories",
119   "description": "Kraft Seeds spray bottle is a sturdy portable multi-purpose water sprayer which can be used to spray garden plants, control pest,
120   clean the house and more!",
121   "rating": 4.8
122 },
123 {
```

**Bottom Screenshot:** The response body is displayed in the 'Pretty' tab, showing a JSON array of product objects. The visible portion of the response is as follows:

```
121 },
122 {
123   "id": 16,
124   "productName": "BLOOMAX Hardwood Plant Support Sticks",
125   "price": 435.0,
126   "category": "Gardening Accessories",
127   "description": "Ideal support for indoor and outdoor plants to improving natural growth of flowers, creepers, fruits and vegetable plants.",
128   "rating": 4.8
129 },
130 {
131   "id": 17,
132   "productName": "Telescopic Ladder",
133   "price": 8499.0,
134   "category": "Home Appliances",
135   "description": "Telescopic ladder aluminum alloy Shrink size of expansion ladder 2.8FT x 19inch x 1.6inch, fully developed height 15.5FT, step
136   distance between the ladder is 11.8inch, ladder pedals 1.6inch.",
137   "rating": 4.8
138 }
```

UPDATE:



**DELETE:**

Postman interface showing a DELETE request to `http://localhost:8080/products/17`. The response is `200 OK` with a status of `200 OK`, a time of `97 ms`, and a body of `1 Product deleted successfully`.

Postman interface showing a DELETE request to `http://localhost:8080/products/17`. The response is `200 OK` with a status of `200 OK`, a time of `97 ms`, and a body of `1 Product deleted successfully`.

Postman interface showing a GET request to `http://localhost:8080/products`. The response is `200 OK` with a status of `200 OK`, a time of `19 ms`, and a body of `2` products.

Postman interface showing a GET request to `http://localhost:8080/products`. The response is `200 OK` with a status of `200 OK`, a time of `19 ms`, and a body of `2` products.

SEARCH:

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Search Postman

invite

Upgrade

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OverviewGET localhost:8081/courseGET http://localhost:8080/p

No environment

New Collection / http://localhost:8080/post/products

SaveShare

GET

http://localhost:8080/products/search?name=lint remover

Send

ParamsAuthorizationHeaders (9)BodyScriptsTestsSettings

Body

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSON

JSON

1

{

BodyCookiesHeaders (5)Test Results

200 OK • 71 ms • 492 B • Save Response

PrettyRawPreviewVisualizeJSON

```
1  [
2    {
3      "id": 6,
4      "productName": "Lint Remover",
5      "price": 614.0,
6      "category": "Home Appliances",
7      "description": "USB Charging Cord & Battery Available This Sweater Defuzzer not only works by plugging it in, but also by using batteries. External
8                        power ensures you can update clothing and furniture at home faster and continuously.",
9      "rating": 4.7
10   }
11 ]
```

Postbot

CtrlAltP

OnlineFind and replaceConsole

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