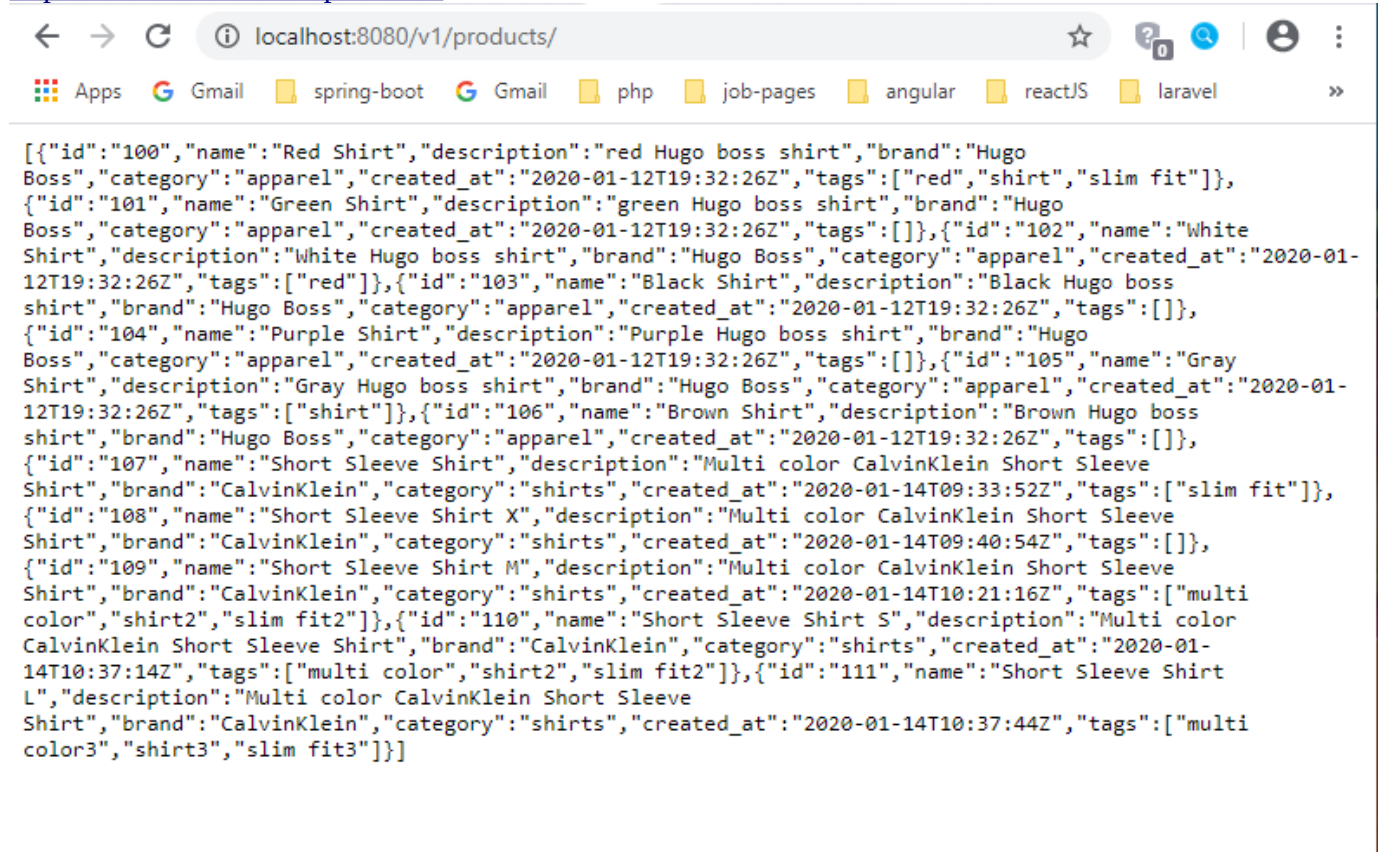


## FUNCTIONAL TESTS FOR API

### Default

<http://localhost:8080/v1/products/>



### List

```
localhost:8080/v1/products/list

[{"id": "100", "name": "Red Shirt", "description": "red Hugo boss shirt", "brand": "Hugo Boss", "category": "apparel", "created_at": "2020-01-12T19:32:26Z", "tags": ["red", "shirt", "slim fit"]}, {"id": "101", "name": "Green Shirt", "description": "green Hugo boss shirt", "brand": "Hugo Boss", "category": "apparel", "created_at": "2020-01-12T19:32:26Z", "tags": []}, {"id": "102", "name": "White Shirt", "description": "White Hugo boss shirt", "brand": "Hugo Boss", "category": "apparel", "created_at": "2020-01-12T19:32:26Z", "tags": ["red"]}, {"id": "103", "name": "Black Shirt", "description": "Black Hugo boss shirt", "brand": "Hugo Boss", "category": "apparel", "created_at": "2020-01-12T19:32:26Z", "tags": []}, {"id": "104", "name": "Purple Shirt", "description": "Purple Hugo boss shirt", "brand": "Hugo Boss", "category": "apparel", "created_at": "2020-01-12T19:32:26Z", "tags": []}, {"id": "105", "name": "Gray Shirt", "description": "Gray Hugo boss shirt", "brand": "Hugo Boss", "category": "apparel", "created_at": "2020-01-12T19:32:26Z", "tags": ["shirt"]}, {"id": "106", "name": "Brown Shirt", "description": "Brown Hugo boss shirt", "brand": "Hugo Boss", "category": "apparel", "created_at": "2020-01-12T19:32:26Z", "tags": []}, {"id": "107", "name": "Short Sleeve Shirt", "description": "Multi color CalvinKlein Short Sleeve Shirt", "brand": "CalvinKlein", "category": "shirts", "created_at": "2020-01-14T09:33:52Z", "tags": ["slim fit"]}, {"id": "108", "name": "Short Sleeve Shirt X", "description": "Multi color CalvinKlein Short Sleeve Shirt", "brand": "CalvinKlein", "category": "shirts", "created_at": "2020-01-14T09:40:54Z", "tags": []}, {"id": "109", "name": "Short Sleeve Shirt M", "description": "Multi color CalvinKlein Short Sleeve Shirt", "brand": "CalvinKlein", "category": "shirts", "created_at": "2020-01-14T10:21:16Z", "tags": ["multi color", "shirt2", "slim fit2"]}, {"id": "110", "name": "Short Sleeve Shirt S", "description": "Multi color CalvinKlein Short Sleeve Shirt", "brand": "CalvinKlein", "category": "shirts", "created_at": "2020-01-14T10:37:14Z", "tags": ["multi color", "shirt2", "slim fit2"]}, {"id": "111", "name": "Short Sleeve Shirt L", "description": "Multi color CalvinKlein Short Sleeve Shirt", "brand": "CalvinKlein", "category": "shirts", "created_at": "2020-01-14T10:37:44Z", "tags": ["multi color3", "shirt3", "slim fit3"]}]
```

we show all the records

## The Search

Using Get or POST

<http://localhost:8080/v1/products/search/apparel/1/4> or (<http://localhost:8080/v1/products/search/apparel/>)

field value: apparel page:1 limit:4

```
localhost:8080/v1/products/search/apparel/1/11

[{"id": "110", "name": "Short Sleeve Shirt S", "description": "Multi color CalvinKlein Short Sleeve Shirt", "brand": "CalvinKlein", "category": "apparel", "created_at": "2020-01-14T10:37:14Z", "tags": ["multi color", "shirt2", "slim fit2"]}, {"id": "109", "name": "Short Sleeve Shirt M", "description": "Multi color CalvinKlein Short Sleeve Shirt", "brand": "CalvinKlein", "category": "apparel", "created_at": "2020-01-14T10:21:16Z", "tags": ["multi color", "shirt2", "slim fit2"]}, {"id": "108", "name": "Short Sleeve Shirt X", "description": "Multi color CalvinKlein Short Sleeve Shirt", "brand": "CalvinKlein", "category": "apparel", "created_at": "2020-01-14T09:40:54Z", "tags": []}, {"id": "107", "name": "Short Sleeve Shirt", "description": "Multi color CalvinKlein Short Sleeve Shirt", "brand": "CalvinKlein", "category": "apparel", "created_at": "2020-01-14T09:33:52Z", "tags": ["slim fit"]}, {"id": "100", "name": "Red Shirt", "description": "red Hugo boss shirt", "brand": "Hugo Boss", "category": "apparel", "created_at": "2020-01-12T19:32:26Z", "tags": ["red", "shirt", "slim fit"]}, {"id": "101", "name": "Green Shirt", "description": "green Hugo boss shirt", "brand": "Hugo Boss", "category": "apparel", "created_at": "2020-01-12T19:32:26Z", "tags": []}, {"id": "102", "name": "White Shirt", "description": "White Hugo boss shirt", "brand": "Hugo Boss", "category": "apparel", "created_at": "2020-01-12T19:32:26Z", "tags": ["red"]}, {"id": "103", "name": "Black Shirt", "description": "Black Hugo boss shirt", "brand": "Hugo Boss", "category": "apparel", "created_at": "2020-01-12T19:32:26Z", "tags": []}, {"id": "104", "name": "Purple Shirt", "description": "Purple Hugo boss shirt", "brand": "Hugo Boss", "category": "apparel", "created_at": "2020-01-12T19:32:26Z", "tags": []}, {"id": "105", "name": "Gray Shirt", "description": "Gray Hugo boss shirt", "brand": "Hugo Boss", "category": "apparel", "created_at": "2020-01-12T19:32:26Z", "tags": ["shirt"]}, {"id": "106", "name": "Brown Shirt", "description": "Brown Hugo boss shirt", "brand": "Hugo Boss", "category": "apparel", "created_at": "2020-01-12T19:32:26Z", "tags": []}]
```

Searching of Product (Using POST on postman)

## Other Basic services

the product tags

The screenshot shows the Postman interface. At the top, the browser address bar displays `localhost:8080/v1/tags/`. Below it, a list of saved items includes 'Apps', 'Gmail', 'spring-boot', 'php', 'job-pages', 'angular', 'reactJS', and 'laravel'. The main area shows a POST request to `http://localhost:8080/v1/products/search`. The 'Body' tab is selected, and the 'raw' radio button is chosen with the content type set to `JSON (application/json)`. The request body is a JSON object:

```
1 {
2   "search": "apparel",
3   "starPage": "1",
4   "recordLimit": "4"
5 }
```

Below the request, the 'Test Results' tab is active, showing the response body in 'Pretty' format. The response is a JSON array containing one object:

```
1 [
2   {
3     "id": "110",
4     "name": "Short Sleeve Shirt S",
5     "description": "Multi color CalvinKlein Short Sleeve Shirt",
6     "brand": "CalvinKlein",
7     "category": "apparel",
8   }
9 ]
```

raw

POST ▼ http://localhost:8080/v1/products/search Params Send ▼ Save

Authorization Headers (1) **Body** Pre-request Script Tests

☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary JSON (application/json) ▼

```

1 {
2   "search": "apparel",
3   "starPage": "1",
4   "recordLimit": "4"
5 }

```

Body Cookies Headers (7) Test Results Status: 200 OK Time: 7

Pretty **Raw** Preview Save Response

```

[{"id":"110","name":"Short Sleeve Shirt S","description":"Multi color CalvinKlein Short Sleeve Shirt","brand":"CalvinKlein","category":"apparel","created_at":"2020-01-14T10:37:14Z","tags":["multi color","shirt2","slim fit2"]}, {"id":"109","name":"Short Sleeve Shirt M","description":"Multi color CalvinKlein Short Sleeve Shirt","brand":"CalvinKlein","category":"apparel","created_at":"2020-01-14T10:21:16Z","tags":["multi color","shirt2","slim fit2"]}, {"id":"108","name":"Short Sleeve Shirt X","description":"Multi color CalvinKlein Short Sleeve Shirt","brand":"CalvinKlein","category":"apparel","created_at":"2020-01-14T09:40:54Z","tags":[]}, {"id":"107","name":"Short Sleeve Shirt","description":"Multi color CalvinKlein Short Sleeve Shirt","brand":"CalvinKlein","category":"apparel","created_at":"2020-01-14T09:33:52Z","tags":["slim fit"]}]]

```

the product categories

← → ↺ localhost:8080/v1/categories/ ☆ ? 🔍 👤 ⋮

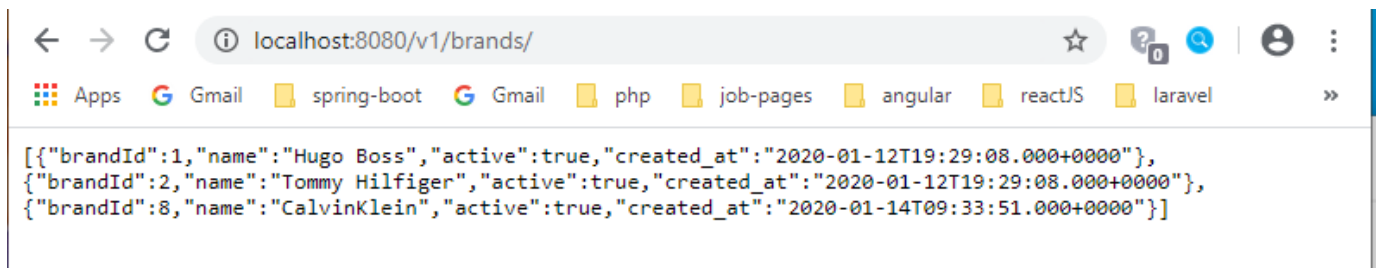
Apps Gmail spring-boot Gmail php job-pages angular reactJS laravel »

```

[{"categoryId":1,"name":"apparel","active":true,"created_at":"2020-01-12T19:30:50.000+0000"}, {"categoryId":2,"name":"Men Shirt","active":true,"created_at":"2020-01-12T19:30:50.000+0000"}, {"categoryId":3,"name":"Men T-Shirt","active":true,"created_at":"2020-01-12T19:30:50.000+0000"}, {"categoryId":4,"name":"shirts","active":true,"created_at":"2020-01-14T09:33:52.000+0000"}]]

```

the product brands



PRODUCT CREATION  
(from postman)

Filter

History Collections

All Me Team

CSoftware  
3 requests

GET default

GET List

POST Create-Product

jwt-spring  
7 requests

Postman Echo  
37 requests

Create-Product X + ...

No Environment

POST http://localhost:8080/v1/products/create Params Send Save

form-data x-www-form-urlencoded raw binary JSON (application/json)

```
1 {
2   "name": "Short Sleeve Shirt XL",
3   "description": "Multi color CalvinKlein Short Sleeve Shirt",
4   "brand": "CalvinKlein",
5   "tags": [ "multi color4", "shirt4", "slim fit4" ],
6   "category": "shirts"
7 }
```

Body Cookies Headers (7) Test Results Status: 200 OK Time: 934 ms

Pretty Raw Preview JSON Save Response

```
1 {
2   "id": "112",
3   "name": "Short Sleeve Shirt XL",
4   "description": "Multi color CalvinKlein Short Sleeve Shirt",
5   "brand": "CalvinKlein",
6   "category": "shirts",
7   "created_at": "2020-01-14T16:13:07Z",
8   "tags": [
9     "multi color4",
10    "shirt4",
11    "slim fit4"
12  ]
13 }
```

POST http://localhost:8080/v1/products/create

form-data x-www-form-urlencoded raw binary JSON (application/json)

```
1 {
2   "name": "Short Sleeve Shirt XL",
3   "description": "Multi color CalvinKlein Short Sleeve Shirt",
4   "brand": "CalvinKlein",
5   "tags": [ "multi color4", "shirt4", "slim fit4" ],
6   "category": "shirts"
7 }
```

Body Cookies Headers (7) Test Results

Pretty Raw Preview JSON

```
1 {
2   "id": "112",
3   "name": "Short Sleeve Shirt XL",
4   "description": "Multi color CalvinKlein Short Sleeve Shirt",
5   "brand": "CalvinKlein",
6   "category": "shirts",
7   "created_at": "2020-01-14T16:13:07Z",
8   "tags": [
9     "multi color4",
10    "shirt4",
11    "slim fit4"
12  ]
13 }
```

