# Shopbop UW Capstone Common API Calls - 2025

## Images

**Base URL**: [**https://api.shopbop.com**](https://api.shopbop.com)

**Base URL for images**: https://m.media-amazon.com/images/G/01/Shopbop/p

**URL suffix for images:** found in response of Search API call, with schema response.products[product\_index].colors.images[image\_index]

## HTTP Information

**HTTP Methods:**All API calls listed here are GET’s.

**Headers:**

* **Accept**: Basic HTTP header to specify what MIME types the client is able to understand. Use ‘application/json’ for the purposes of this project:  'accept: application/json'
* **Client-Id:**String identifying the client that's calling the API. We will be using 'Shopbop-UW-<Team Num>-2025' for this project: 'Client-Id: Shopbop-UW-Team1-2025' &  'Client-Id: Shopbop-UW-Team2-2025'
* **Client-Version:**String identifying the version of the client that's calling the API. Use '1.0.0' for this project: 'Client-Version: 1.0.0'

## API Calls

### **Search**

**Description:** Browse products by search keyword

**Endpoint:** /public/search

**Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Query Parameter** | **Type** | **Definition** | **List of possible values (If applicable)** |
| allowOutOfStockItems | String | Defines whether or not out of stock products are returned | "false" or "true" |
| q | String | A search term (required) |  |
| sort | String | Sort type | ‘editors-pick', ‘exclusives',  ‘hearts',  ‘price-high-low',  ‘price-low-high',  ‘ratings’ |
| minPrice | String | Minimum price |  |
| maxPrice | String | Maximum price |  |
| limit | Int32 | Limit results |  |
| dept | String | Department ID | "WOMENS", "MENS" |
| lang | String | Language ("en") or locale ("en-US") | English ("en-US"), Chinese ("zh-CN"), or Russian ("ru-RU") |
| offset | Int32 | Defines the product the responses should start with |  |

**Example:**

curl -X 'GET' \

'https://api.shopbop.com/public/search?lang=en-US&currency=USD&q=jeans&limit=40&minPrice=25&maxPrice=500&siteId=1006&allowOutOfStockItems=false&dept=WOMENS' \

-H 'accept: application/json' \

-H 'Client-Id: Shopbop-UW-Team1-2025' \

-H 'Client-Version: 1.0.0'

### **Categories**

**Description:** Get public folders. This API call will return a navigation tree, the leaves of which are called categories. Each category has products associated with it. If you would like to build some sort of navigation within your project to get to a screen with a list of products, this is the call you want to use.

**Endpoint:**/public/folders

**Query Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Query Parameter** | **Type** | **Definition** | **List of possible values (If applicable)** |
| dept | String | Department ID | "WOMENS", "MENS" |
| lang | String | Language ("en") or locale ("en-US") | English ("en-US"), Chinese ("zh-CN"), or Russian ("ru-RU") |

**Example:**

curl -X 'GET' \

'https://api.shopbop.com/public/folders?lang=en-US&dept=WOMENS' \

-H 'accept: application/json' \

-H 'Client-Id: Shopbop-UW-Team1-2025' \

-H 'Client-Version: 1.0.0'

### **Browse by Category**

**Description:** Retrieve Browse products for a given category (obtained from the above call)

**Endpoint:** /public/categories/{categoryId}/products

**Parameters:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Type** | **Definition** | **List of possible values (If applicable)** | **Parameter Type** |
| allowOutOfStockItems | String | Defines whether or not out of stock products are returned | "false" or "true" | Query |
| lang | String | Language ("en") or locale ("en-US") | English ("en-US"), Chinese ("zh-CN"), or Russian ("ru-RU") | Query |
| categoryId | String | Category Id (required) |  | Path |
| colors | String | Provide this parameter to refine your results to include only products in these colors | Example: Black, Blue, White, etc. | Query |
| sort | String | Sort type | ‘editors-pick', ‘exclusives',  ‘hearts',  ‘price-high-low',  ‘price-low-high',  ‘ratings’ | Query |
| minPrice | String | Minimum price |  | Query |
| maxPrice | String | Maximum price |  | Query |
| limit | Int32 | Limit results |  | Query |
| dept | String | Department ID | "WOMENS", "MENS" | Query |
| q | String | Search string to apply within category |  | Query |
| offset | Int32 | Defines the product the responses should start with |  | Query |

**Example:**

curl -X 'GET' \

'https://api.shopbop.com/public/categories/13198/products?lang=en-US&currency=USD&limit=40&q=shoes&minPrice=25&maxPrice=500&dept=WOMENS' \

-H 'accept: application/json' \

-H 'Client-Id: Shopbop-UW-Team1-2025' \

-H 'Client-Version: 1.0.0'

### Get Product Details

**Description:** Get details for a particular product given a product ID

**Endpoint:** /public/products/{productSins}

**Parameters:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Type** | **Definition** | **List of possible values (If applicable)** | **Parameter Type** |
| lang | String | Language ("en") or locale ("en-US") | English ("en-US"), Chinese ("zh-CN"), or Russian ("ru-RU") | Query |
| productSins | String | Comma separated list of sins - works at style/color/size levels |  | Path |

**Example:**

curl -X 'GET' \

'https://api.shopbop.com/public/products/1547795609,1564465741,1502880995?lang=en-US' \

-H 'accept: application/json' \

-H 'Client-Id: Shopbop-UW-Team1-2025' \

-H 'Client-Version: 1.0.0'

### Outfits

**Description:**Retrieve outfits that include the specified product. The response will include all active colors for the product. Any colors without outfits will have an empty outfits list.

**Endpoint:**/public/products/{productSin}/outfits

**Parameters:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Type** | **Definition** | **List of possible values (If applicable)** | **Parameter Type** |
| productSin | String | SIN of the product |  | Path |
| lang | String | Language ("en") or locale ("en-US") | English ("en-US"), Chinese ("zh-CN"), or Russian ("ru-RU") | Query |

**Example:**

curl -X 'GET' \

'https://api.shopbop.com/public/products/1569471937/outfits?lang=en-US' \

-H 'accept: application/json' \

-H 'Client-Id: Shopbop-UW-Team1-2025' \

-H 'Client-Version: 1.0.0'

## CORS Errors

While calling our API from your application code in a browser, you may run into a Cross Origin Resource Sharing (CORS) error. Browsers enforce CORS to prevent websites from making calls to a different domain for security purposes. You can read more on the subject at the below links:

* <https://aws.amazon.com/what-is/cross-origin-resource-sharing>
* <https://developer.mozilla.org/en-US/docs/Web/HTTP/CORS>

We recommend using one of two strategies to mitigate this:

1. Make your Shopbop API calls on the server-side of your application (i.e. when running a Lambda), and provide the API response to the browser
2. Proxy API calls on the client-side through your domain
   1. This can be accomplished with an AWS API Gateway that runs on the same domain as your website (for example: [api.myproject.com](http://api.myproject.com)). You can configure this gateway to forward the browser’s request to the Shopbop API.