Admin User Requests

GET admin/login

Logs in the user and returns a string token that can be used to edit the ice cream store data.

Resource URL

/admin/login

Parameters

userName -> The username of the user

password -> The password of the user

Example Request

GET [/admin/login?userName=admin&password=admin](https://api.twitter.com//admin/login?userName=admin&password=admin)

Example Result

b6d6f7d3-a8cf-4ce4-ab87-f4d5bb5b3199

GET admin/icecream/add

Adds an ice cream flavor to the flavor database and returns the complete list of flavors. If flavor fails to add the list is return without the new flavor.

Resource URL

/admin/icecream/add

Parameters

userName -> The username of the user

AuthToken -> The authentication token received from login

name -> The name of the flavor

price -> The price of flavor without any currency symbols

inventory (optional) -> The inventory of the flavor

Example Request

GET [/admin/icecream/add?name=Orange&inventory=10&price=5.45&AuthToken=61576c0c-8cbd-4b30-935a-550a1a6591f5&userName=admin](https://api.twitter.com//admin/login?userName=admin&password=admin)

Example Result

[{"id":1,"flavorName":"Mint","price":3.15,"inventory":4},{"id":15,"flavorName":"Orange","price":5.45,"inventory":2},{"id":20,"flavorName":"Orange","price":5.45,"inventory":10}]

GET admin/icecream/inventory

Updates the icecream flavor inventory of scoops.

Resource URL

/admin/icecream/inventory/{flavor Id}/{Inventory Amount}

Parameters

userName -> The username of the user

AuthToken -> The authentication token received from login

flavorId -> The id of the flavor

Inventory -> The amount of inventory

Example Request

GET [/admin/icecream/inventory/15/2?AuthToken=61576c0c-8cbd-4b30-935a-550a1a6591f5&userName=admin](https://api.twitter.com//admin/login?userName=admin&password=admin)

Example Result

{"id":15,"flavorName":"Orange","price":5.45,"inventory":2}

GET admin/icecream/inventory/remove

Remove the flavor from the database.

Resource URL

/admin/icecream/remove/{flavor Id}

Parameters

userName -> The username of the user

AuthToken -> The authentication token received from login

flavorId -> The id of the flavor

Example Request

GET [/admin/icecream/remove/16?AuthToken=61576c0c-8cbd-4b30-935a-550a1a6591f5&userName=admin](https://api.twitter.com//admin/login?userName=admin&password=admin)

Example Result

[{"id":1,"flavorName":"Mint","price":3.15,"inventory":4},{"id":15,"flavorName":"Orange","price":5.45,"inventory":2}]

GET admin/order/allOrders

Get all orders from the database.

Resource URL

/admin/order/allOrders

Parameters

userName -> The username of the user

AuthToken -> The authentication token received from login

Example Request

GET [/admin/order/allOrders?AuthToken=61576c0c-8cbd-4b30-935a-550a1a6591f5&userName=admin](https://api.twitter.com//admin/login?userName=admin&password=admin)

Example Result

[{"orderNumber":3,"total":37.80,"orderType":1,"items"

:[{"orderItemId":9,"flavor":{"id":1,"flavorName":"Mint","price":3.15,"inventory":4},"scoops":10,"totalItemPrice":31.50},{"orderItemId":10,"flavor":{"id":1,"flavorName":"Mint","price":3.15,"inventory":4},"scoops":2,"totalItemPrice":6.30}]}

,{"orderNumber":4,"total":17.20,"orderType":1,"items"

:[{"orderItemId":11,"flavor":{"id":15,"flavorName":"Orange","price":5.45,"inventory":2},"scoops":2,"totalItemPrice":10.90},{"orderItemId":12,"flavor":{"id":1,"flavorName":"Mint","price":3.15,"inventory":4},"scoops":2,"totalItemPrice":6.30}]}

,{"orderNumber":5,"total":5.45,"orderType":1,"items"

:[{"orderItemId":13,"flavor":{"id":15,"flavorName":"Orange","price":5.45,"inventory":2},"scoops":1,"totalItemPrice":5.45}]}]

GET admin/order/totalSales

Get the total sales of all orders.

Resource URL

/admin/order/totalSales

Parameters

userName -> The username of the user

AuthToken -> The authentication token received from login

Example Request

GET [/admin/order/totalSales?AuthToken=61576c0c-8cbd-4b30-935a-550a1a6591f5&userName=admin](https://api.twitter.com//admin/login?userName=admin&password=admin)

Example Result

60.45

Store Customer Requests

GET icecream/flavors

Returns a list of ice cream flavors available for sale.

Resource URL

/icecream/flavors

Parameters

Example Request

GET [/icecream/flavors](https://api.twitter.com//admin/login?userName=admin&password=admin)

Example Result

[{"id":1,"flavorName":"Mint","price":3.15,"inventory":4},{"id":15,"flavorName":"Orange","price":5.45,"inventory":2}]

GET order/create

Creates and empty quote to add flavors to.

Resource URL

/order/create

Parameters

Example Request

GET [/order/create](https://api.twitter.com//admin/login?userName=admin&password=admin)

Example Result

{"orderNumber":7,"total":0.00,"orderType":0,"items":[]}

GET order/add

Adds an item to the sales quote to be purchased later. This will return the order with the current about of items in it.

Resource URL

/order/add/{order number}/{flavor id}/{# of scoops}

Parameters

orderNumber -> The order number of the quote

flavorId -> The id of the flavor

# of scoops -> The number of scoops to add

Example Request

GET /order/add/7/15/1

Example Result

{"orderNumber":7,"total":0.00,"orderType":0,"items":[{"orderItemId":14,"flavor":{"id":15,"flavorName":"Orange","price":5.45,"inventory":2},"scoops":1,"totalItemPrice":5.45}]}

GET order

This call converts the quote to an actual order and returns the competed order will be appear in the sales reports.

Resource URL

/order/{order number}

Parameters

orderNumber -> The order number of the quote

Example Request

GET /order/7

Example Result

{"orderNumber":7,"total":5.45,"orderType":1,"items":[{"orderItemId":14,"flavor":{"id":15,"flavorName":"Orange","price":5.45,"inventory":1},"scoops":1,"totalItemPrice":5.45}]}