

## Online-Store-API

The purpose of this online store API is to easily scale the distribution of items people intend to sell, among multiple ecommerce websites. This API is used to make calls to the database allowing developers to incorporate how they want to convey the information on all operating systems such as IOS, Android, Windows and MacOS. The business logic is as follows. Users have a cart in which they can clear, delete and add items too. User can post a product for sale to the database and can use the API to easily distribute items to other feeds if the user has an account set up on the other platforms. If a user is in active or has yet to distribute their products to other feeds, this API can identify those users. This API provides a clean and scalable way to process and distribute product information in away that only benefits users.

# User

Path Name: user

Path: <http://blue.cs.sonoma.edu:8128/api/v1/user>

Description: Call this route to see all information associated with all users who are in the database.

This route is also used for adding users in the database.

```
jsarraffe@blue project2Fr]$ curl -X GET http://blue.cs.sonoma.edu:8128/api/v1/user
[
  {
    "UID": "42842",
    "first_name": "ElChapo",
    "last_name": "KidCudi",
    "city": "Montana",
    "zip": "28000",
    "street": "Leruda Court"
  },
  {
    "UID": "51785",
    "first_name": "Jacques",
    "last_name": "Sarrafte",
    "city": "Carlsbad",
    "zip": "92011",
    "street": "Monet PL"
  },
  {
    "UID": "66662",
    "first_name": "Sexy",
    "last_name": "Rexy",
    "city": "Chicago",
    "zip": "20000",
    "street": "Euclids street"
  },
  {
    "UID": "32542",
    "first_name": "Jacueees",
    "last_name": "Randy",
    "city": "tlanta",
    "zip": "23424",
    "street": "poop"
  }
]
```

```
jsarraffe@blue sarrafte_j_P2]$ curl -X POST -H 'Content-type: application/json' -d '{"UID": "32542", "first_name": "Jacueees", "last_name": "Randy", "city": "tlanta", "zip": "23424", "street": "poop"}' http://blue.cs.s
sonoma.edu:8128/api/v1/user/
[
  {
    "UID": "32542",
    "first_name": "Jacueees",
    "last_name": "Randy",
    "city": "tlanta",
    "zip": "23424",
    "street": "poop"
  }
]jsarraffe@blue sarrafte_j_P2]$
```

Path Name: user

Path: <http://blue.cs.sonoma.edu:8128/api/v1/user/:UID>

Description: Call this route to see attributes associated with a particular user or to delete a particular user given their UID.

```
bash-5.0$ curl -X GET http://blue.cs.sonoma.edu:8128/api/v1/user/51785
[
  {
    "UID": "51785",
    "first_name": "Jacques",
    "last_name": "Sarrafte",
    "city": "Carlsbad",
    "zip": "92011",
    "street": "Monet PL"
  }
]
```

```
jsarraffe@blue sarrafte_j_P2]$ curl -X DELETE http://blue.cs.sonoma.edu:8128/api/v1/user/51785
{
  "fieldCount": 0,
  "affectedRows": 1,
  "insertId": 0,
  "serverStatus": 2,
  "warningCount": 0,
  "message": "",
  "protocol41": true,
  "changedRows": 0
}
```

Path Name: showcart

Path: <http://blue.cs.sonoma.edu:8128/api/v1/user/showcart/:UID>

Description: Call this route to see product posts that a user has added into their cart.

```
jsarraffe@blue sarrafte_j_P2]$ curl -X GET http://blue.cs.sonoma.edu:8128/api/v1/user/showcart/69420
[
  {
    "price": 3000.5,
    "title": "Shirt",
    "description": "shirt worn and signed by Larry Bird",
    "imageURL": "shirtThee.com",
    "City": "Oceanside"
  },
  {
    "fieldCount": 0,
    "affectedRows": 0,
    "insertId": 0,
    "serverStatus": 2,
    "warningCount": 0,
    "message": "",
    "protocol41": true,
    "changedRows": 0
  }
]
```

Path Name: showtotal

Path: <http://blue.cs.sonoma.edu:8128/api/v1/user/showtotal/:UID>

Description: Call this route to calculate the total price in a users shopping cart.

```
jsarraffe@blue sarrafte_j_P2]$ curl -X GET http://blue.cs.sonoma.edu:8128/api/v1/user/showtotal/69420
[
  {
    "CL_checkoutPrice('69420')": 3001
  }
]
```

Path Name: clearcart

Path:

<http://blue.cs.sonoma.edu:8128/api/v1/user/clearcart/:UID>

Description: Call this route to clear items from a users cart.

```
[jsarraffe@blue sarraffe_j_P2]$ curl -X DELETE http://blue.cs.sonoma.edu:8128/api/v1/user/clearcart/69420
{
  "fieldCount": 0,
  "affectedRows": 1,
  "insertId": 0,
  "serverStatus": 2,
  "warningCount": 0,
  "message": "",
  "protocol41": true,
  "changedRows": 0
}
```

-----

Path Name: addtocart

Path:

<http://blue.cs.sonoma.edu:8128/api/v1/user/clearcart>

Description: Call this route to add an item to a users shopping cart.

```
[jsarraffe@blue sarraffe_j_P2]$ curl -X PUT -H 'Content-type:application/json' -d '{"PID":31290, "UID":69410}' http://blue.cs.sonoma.edu:8128/api/v1/user/addtocart
{
  "fieldCount": 0,
  "affectedRows": 1,
  "insertId": 0,
  "serverStatus": 2,
  "warningCount": 0,
  "message": "",
  "protocol41": true,
  "changedRows": 0
}
```

-----

# ProductPost

Path Name: productpost

Path:

<http://blue.cs.sonoma.edu:8128/api/v1/productpost>

Description: Call this route to see all the product posts in the database, or to post a product post.

```
jsarraffe@blue sarraffe_j_P2]$ curl -X GET http://blue.cs.sonoma.edu:8128/api/v1/productpost
{
  "poster": "69420",
  "PID": "12390",
  "init_time": "2021-03-27T19:13:12.000Z",
  "buyer": "51785",
  "price": 47.5,
  "title": "Dress",
  "imageURL": "dress.com",
  "description": "Beautiful blue dress that smells like sweet potato\n its goess good with pink shoes",
  "Time_Stamp": "2021-04-24T13:15:32.000Z",
  "city": "Santa Rosa",
  "zip": "97501",
  "street": "dadas Street"
},
{
  "poster": "66662",
  "PID": "12919",
  "init_time": "2021-03-27T19:13:12.000Z",
  "buyer": "51785",
  "price": 99.99,
  "title": "Gucci Belt",
  "imageURL": "eatme.com",
  "description": "Cool belt worn by Lebron James",
  "Time_Stamp": "2021-05-01T13:45:32.000Z",
  "city": "Ocean Beach",
  "zip": "82383",
  "street": "MegaQuack Lane"
},
{
  "poster": "42842",
  "PID": "22111",
  "init_time": null,
  "buyer": null,
  "price": 1020,
  "title": "snow jacket",
  "imageURL": "snowjopthefountain.com",
  "description": "Big Jacket. Made out of cacti",
  "Time_Stamp": "2021-03-01T19:25:32.000Z",
  "city": "Imperial Beach",
  "zip": "4321",
  "street": "thMay Court"
},
}
```

```
jsarraffe@blue sarraffe_j_P2]$ curl -X POST -H 'Content-type:application/json' -d '{"poster":51785,"PID":"10658","init_time":null,"buyer":null,"price":21.02,"title":"asewes","imageURL":"d.com","description":"asewes","Time_Stamp":"2021-03-1 6:45:32","city":"Asewes","zip":5643,"street":"asewes"}' http://blue.cs.sonoma.edu:8128/api/v1/productpost
{
  "poster": 51785,
  "PID": "10658",
  "init_time": null,
  "buyer": null,
  "price": 21.02,
  "title": "asewes",
  "imageURL": "d.com",
  "description": "asewes",
  "Time_Stamp": "2021-03-1 6:45:32",
  "city": "Asewes",
  "zip": 5643,
  "street": "asewes"
}jsarraffe@blue sarraffe_j_P2]$
```

Path Name: productpost

Path:

<http://blue.cs.sonoma.edu:8128/api/v1/productpost/:PID>

Description: Call this route to delete a product post from the database.

```
jsarraffe@blue sarraffe_j_P2]$ curl -X DELETE http://blue.cs.sonoma.edu:8128/api/v1/productpost/12390
{
  "fieldCount": 0,
  "affectedRows": 1,
  "insertId": 0,
  "serverStatus": 2,
  "warningCount": 0,
  "message": "",
  "protocol41": true,
  "changedRows": 0
}jsarraffe@blue sarraffe_j_P2]$
```

Path Name: updatepost

Path:

<http://blue.cs.sonoma.edu:8128/api/v1/productpost/updatepost:PID>

Description: Call this route to edit a product post.

```
jsarraffe@blue sarraffe_j_P2]$ curl -X PUT -H 'Content-type:application/json' -d '{"poster":51785,"PID":"10658","init_time":null,"buyer":null,"price":701.02,"title":"dNEW","imageURL":"d.com","description":"NEW","Time_Stamp":"2021-03-1 6:45:32","city":"Ass","zip":5643,"street":"NEW"}' http://blue.cs.sonoma.edu:8128/api/v1/productpost/updatepost/10658
{
  "poster": 51785,
  "PID": "10658",
  "init_time": null,
  "buyer": null,
  "price": 701.02,
  "title": "dNEW",
  "imageURL": "d.com",
  "description": "NEW",
  "Time_Stamp": "2021-03-1 6:45:32",
  "city": "Ass",
  "zip": 5643,
  "street": "NEW"
}
```

Path Name: posttofeed

Path:

<http://blue.cs.sonoma.edu:8128/api/v1/productpost>

Description: Call this route to send a product post to a feed.

```
bash-5.0$ curl -X POST -H 'Content-type:application/json' -d '{"PID":32222,"feed_name": "Instagram"}' http://blue.cs.sonoma.edu:8128/api/v1/productpost/posttofeed
{"fieldCount": 0,
"affectedRows": 1,
"insertId": 0,
"serverStatus": 2,
"warningCount": 0,
"message": "",
"protocol41": true,
"changedRows": 0
}bash-5.0$
```

---

# Feed

Path Name: feed

Path:

<http://blue.cs.sonoma.edu:8128/api/v1/feed>

Or

[http://blue.cs.sonoma.edu:8128/api/v1/feed/feed\\_name](http://blue.cs.sonoma.edu:8128/api/v1/feed/feed_name)

Description: Call this route to see the vw\_feed, the view that shows all productpost that have been uploaded to one or more feeds. This route also allows you to view all items uploaded to a particular feed.

```
jsarraffe@blue sarraffe_j_P2]$ curl -X GET http://blue.cs.sonoma.edu:8128/api/v1/feed/instagram
{
  "poster": "82345",
  "title": "Bumale",
  "description": "Bumale smells kinda like mushrooms, but makes you look good \n when you have had hair",
  "price": 40.99,
  "city": "Santa Rosa",
  "zip": "95423",
  "street": "Leroy Street",
  "TimeSincePost": "5 Week(s) ago"
},
{
  "poster": "80420",
  "title": "Pants",
  "description": "Pants with rips all over it\n its a chick magnet",
  "price": 35.99,
  "city": "LA",
  "zip": "90201",
  "street": "Pride Street",
  "TimeSincePost": "2 Week(s) ago"
},
{
  "poster": "82345",
  "title": "Tights",
  "description": "More these tights during my NBA career. Really comfortable",
  "price": 233.99,
  "city": "Eastbay",
  "zip": "93823",
  "street": "Lafama Street",
  "TimeSincePost": "2 Days(s) ago"
}
```

```
jsarraffe@blue sarraffe_j_P2]$ curl -X GET http://blue.cs.sonoma.edu:8128/api/v1/feed
[
  {
    "poster": "66662",
    "title": "Gucci Belt",
    "description": "cool belt worn by Lebron James",
    "price": 99.99,
    "city": "Ocean Beach",
    "zip": "92383",
    "street": "MegaQuack Lane",
    "TimeSincePost": "3 Days(s) ago"
  },
  {
    "poster": "82345",
    "title": "Underwear",
    "description": "some holes, but should do the job",
    "price": 99.99,
    "city": "Rohnert Pork",
    "zip": "93823",
    "street": "LeRiitto Street",
    "TimeSincePost": "5 Week(s) ago"
  },
  {
    "poster": "82345",
    "title": "Socks",
    "description": "cheesy socks, not to much fungi in it",
    "price": 40.99,
    "city": "Rohnert Pork",
    "zip": "93823",
    "street": "Leroy Street",
    "TimeSincePost": "3 Days(s) ago"
  }
],
```

Path Name: recentpost

Path:

<http://blue.cs.sonoma.edu:8128/api/v1/feed/recentpost>

Description: Call this route to see posts that have been uploaded in the last week.

```
jsarraffe@blue sarraffe_j_P2]$ curl -X GET http://blue.cs.sonoma.edu:8128/api/v1/feed/recentposts
[
  {
    "poster": "66662",
    "title": "Gucci Belt",
    "description": "cool belt worn by Lebron James",
    "price": 99.99,
    "city": "Ocean Beach",
    "zip": "92383",
    "street": "MegaQuack Lane",
    "TimeSincePost": "3 Days(s) ago"
  },
  {
    "poster": "82345",
    "title": "Socks",
    "description": "cheesy socks, not to much fungi in it",
    "price": 40.99,
    "city": "Rohnert Pork",
    "zip": "93823",
    "street": "Leroy Street",
    "TimeSincePost": "3 Days(s) ago"
  },
  {
    "poster": "82345",
    "title": "Tights",
    "description": "More these tights during my NBA career. Really comfortable",
    "price": 233.99,
    "city": "Eastbay",
    "zip": "93823",
    "street": "Lafama Street",
    "TimeSincePost": "2 Days(s) ago"
  }
],
```

Path Name: ghostusers

Path:

<http://blue.cs.sonoma.edu:8128/api/v1/feed/ghostusers>

Description: Call this route to see users who have not engaged in the database.

```
jsarraffe@blue sarraffe_j_P2]$ curl -X GET http://blue.cs.sonoma.edu:8128/api/v1/feed/ghostusers
[
  {
    "UID": "77778",
    "first_name": "Brett",
    "last_name": "Crawdad",
    "city": "San Francisco",
    "zip": "21160",
    "street": "Juny lane"
  }
]
```