

How to use your system

Web.

The web system can be accessed through <http://coffee-co.herokuapp.com/>. The website will take you to the landing page and display all products. A user can log in, or create an account. Upon logging in, the users name will appear in the top right of the screen.

RESTful.

The servers database can be accessed through the RESTful service. These access paths are:

```
GET http://coffee-co.herokuapp.com

###

GET http://coffee-co.herokuapp.com/api/products

###

GET http://coffee-co.herokuapp.com/api/users

###

POST http://coffee-co.herokuapp.com/api/products
Content-Type: application/json

{
  "name": "Test Product",
  "price": "10",
  "description": "This is a POST Request"
}

###

POST http://coffee-co.herokuapp.com/api/users/login
Content-Type: application/json

{
  "username": "admin",
  "password": "admin"
}

###

POST http://coffee-co.herokuapp.com/api/users/
Content-Type: application/json

{
  "username": "New User",
  "password": "Password",
  "isAdmin": false
}
```

Results of GET products:

```
HTTP/1.1 200 OK
Server: Cowboy
Connection: close
X-Powered-By: Express
Content-Type: application/json; charset=utf-8
Content-Length: 909
Etag: W/"38d-bskCYblHUPnITx7z+72/UlHVz4c"
Date: Tue, 19 Oct 2021 09:39:06 GMT
Via: 1.1 vegur
```

```
[
  {
    "_id": "616e6e705e4b8e427994cbe8",
    "name": "Flat White",
    "price": 5,
    "description": "Flat and white",
    "__v": 0
  },
]
```

Results of POST users:

```
HTTP/1.1 200 OK
Server: Cowboy
Connection: close
X-Powered-By: Express
Content-Type: application/json; charset=utf-8
Content-Length: 150
Etag: W/"96-fLJDjIwMSc3LQRZmvj6F103f10s"
Date: Tue, 19 Oct 2021 09:38:27 GMT
Via: 1.1 vegur
```

```
{
  "name": "New User",
  "password": "$2b$10$W5uHHCHC8zC.EFww5CwWfuGIR0cv6w32Hka3.bHw1IgZY080gHKJ.",
  "isAdmin": false,
  "_id": "616e92139dda835bbdb3377d",
  "__v": 0
}
```

Error Handling

Most methods include their own error handling. This is usually done in cases where user input is involved.

In the case of the website, error messages will be sent in the console.

In RESTful, most methods have status codes set up such that errors will be sent back in the response message with appropriate status codes and content. These can be used for debugging.