

Team 2 (Quinn Tenorio, Aimee True, HaoXin Luo, Ramy Elzarad) Submission for Unit 12, Week 2

List of Functionality Completed This Week:

Completed API functionality (shown below):

- GET (get list of items being bartered) - <http://localhost:3000/api/barter/user/:userid>
- POST (add item that user wants to barter) - <http://localhost:3000/api/barter/user/:userid/item/new>
- PUT (edit item that user currently has up for barter) - <http://localhost:3000/api/barter/user/:userid/item/:itemid>
- DELETE (delete an item that user is currently bartering) - <http://localhost:3000/api/barter/user/:userid/item/:itemid/delete>

Completed login functionality:

- Can register for a new account
- Can logon to an existing account
- After logging on or registering, user can access user profile page with user information

Node/Express app created:

- DB created on MongoLab
- About/Home page with login, registration, and information
- User profile page that lists user information and items the user currently has up for barter
- Bartering page that lists all of the items that all users have up for barter and what they're willing to trade for their item.
- Set up website on Heroku.

Still to do:

- Add Item Page
- Edit Item Page
- Delete item from user profile page
- Add functionality to actually complete barter between 2 users
- Design and overall look of app

Postman API Calls:

http://localhost:3000

GET http://localhost:3000/api/barter

Params Send Save

Body Cookies (1) Headers (6) Test Results Status: 200 OK Time: 42 ms Size: 731 B

Pretty Raw Preview JSON Save Response

```
1 [
2   {
3     "items": [
4       {
5         "tradeItems": [
6           {
7             "name": "Notebook"
8           },
9           {
10            "name": "#2 Pencil"
11          }
12        ],
13        "_id": "5ad3b7307487750c0b510063",
14        "name": "Stickers",
15        "condition": "New"
16      },
17      {
18        "tradeItems": [
19          {
20            "name": "Loose-Leaf Paper"
21          },
22          {
23            "name": "Binder"
24          }
25        ],
26        "_id": "5ad3b7307487750c0b510065",
27        "name": "Folder",
28        "condition": "New"
29      }
30    ],
31    "_id": "5ad3b7307487750c0b510066",
32    "username": "blaster"
33  }
```

GET list of items up for barter (from all users)

http://localhost:3000 Delete

No Environment

DELETE http://localhost:3000/api/barter/user/5ad3b7307487750c0b510066/item/5ad3b7307487750c0b510063/delete

Params Send Save

Authorization Headers (1) Body Pre-request Script Tests Cookies Code

TYPE

Inherit auth from parent

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

This request is using an authorization helper from collection [barter](#).

Body Cookies (1) Headers (4) Test Results Status: 204 No Content Time: 106 ms Size: 152 B

Pretty Raw Preview Text Save Response

```
1
```

DELETE item, notice status code 204

http://localhost:3000 Delete http://localhost:3000 http://localhost:3000 + ... No Environment

GET http://localhost:3000/api/barter Params Send Save

Body Cookies (1) Headers (6) Test Results Status: 200 OK Time: 29 ms Size: 604 B

Pretty Raw Preview JSON Save Response

```
1 [
2   {
3     "items": [
4       {
5         "tradeItems": [
6           {
7             "name": "Loose-Leaf Paper"
8           },
9           {
10            "name": "Binder"
11          }
12        ],
13        "_id": "5ad3b7307487750c0b510065",
14        "name": "Folder",
15        "condition": "New"
16      },
17      {
18        "_id": "5ad3b7307487750c0b510066",
19        "username": "blaster"
20      }
21    ]
22  }
```

GET list of items up for barter again, after deleting an item, notice Stickers is no longer there

http://localhost:3000 Delete http://localhost:3000 http://localhost:3000 + ... No Environment

POST http://localhost:3000/api/barter/user/5ad3b7307487750c0b510066/item/new Params Send Save

Authorization Headers (2) Body Pre-request Script Tests Cookies Code

form-data x-www-form-urlencoded raw binary Text

```
1 { "name": "Sticky Notes",
2   "condition": "Used",
3   "tradeItems": [
4     { "name": "Blue Pen" },
5     { "name": "#2 Pencil" }
6   ]
7 }
8 }
```

Body Cookies (1) Headers (6) Test Results Status: 201 Created Time: 101 ms Size: 415 B

Pretty Raw Preview JSON

```
1 {
2   "name": "Sticky Notes",
3   "condition": "Used",
4   "tradeItems": [
5     {
6       "name": "Blue Pen",
7       "_id": "5ad7c97d6963fbc90d10f886"
8     },
9     {
10      "name": "#2 Pencil",
11      "_id": "5ad7c97d6963fbc90d10f885"
12    }
13  ],
14  "_id": "5ad7c97d6963fbc90d10f887"
15 }
```

POST item (Sticky Notes), notice status code 201 created

http://localhost:3000 Delete http://localhost:3000 http://localhost:3000 + ... No Environment

GET http://localhost:3000/api/barter Params Send Save

Body Cookies (1) Headers (6) Test Results Status: 200 OK Time: 27 ms Size: 802 B

Pretty Raw Preview JSON Save Response

```
1 {
2   "items": [
3     {
4       "tradeItems": [
5         {
6           "name": "Loose-Leaf Paper"
7         },
8         {
9           "name": "Binder"
10        }
11      ],
12      "_id": "5ad3b7307487750c0b510065",
13      "name": "Folder",
14      "condition": "New"
15    },
16    {
17      "tradeItems": [
18        {
19          "name": "Blue Pen",
20          "_id": "5ad7c97d6963fbc90d10f886"
21        },
22        {
23          "name": "#2 Pencil",
24          "_id": "5ad7c97d6963fbc90d10f885"
25        }
26      ],
27      "name": "Sticky Notes",
28      "condition": "Used",
29      "_id": "5ad7c97d6963fbc90d10f887"
30    }
31  ]
32 }
```

GET list of items after POST, notice Sticky Notes added

http://localhost:3000 Delete http://localhost:3000 http://localhost:3000 + ... No Environment

PUT http://localhost:3000/api/barter/user/5ad3b7307487750c0b510066/item/5ad3b7307487750c0b510065 Params Send Save

Authorization Headers (2) Body Pre-request Script Tests Cookies Code

form-data x-www-form-urlencoded raw binary Text

```
1 {
2   "name": "Green Folder",
3   "condition": "Slightly Used",
4   "tradeItems": [
5     {
6       "name": "Black Sharpie"
7     }
8   ]
9 }
```

Body Cookies (1) Headers (6) Test Results Status: 200 OK Time: 107 ms Size: 370 B

Pretty Raw Preview JSON

```
1 {
2   "tradeItems": [
3     {
4       "name": "Black Sharpie",
5       "_id": "5ad7ca656963fbc90d10f888"
6     }
7   ],
8   "_id": "5ad3b7307487750c0b510065",
9   "name": "Green Folder",
10  "condition": "Slightly Used"
11 }
```

PUT item, notice all 3 fields updated (name, condition, and array of tradeItems), status 200 OK

```
1 {
2   "items": [
3     {
4       "tradeItems": [
5         {
6           "name": "Black Sharpie",
7           "_id": "5ad7ca656963fbc90d10f888"
8         }
9       ],
10      "_id": "5ad3b7307487750c0b510065",
11      "name": "Green Folder",
12      "condition": "Slightly Used"
13    },
14    {
15      "tradeItems": [
16        {
17          "name": "Blue Pen",
18          "_id": "5ad7c97d6963fbc90d10f886"
19        },
20        {
21          "name": "#2 Pencil",
22          "_id": "5ad7c97d6963fbc90d10f885"
23        }
24      ],
25      "name": "Sticky Notes",
26      "condition": "Used",
27      "_id": "5ad7c97d6963fbc90d10f887"
28    }
29  ],
30  "_id": "5ad3b7307487750c0b510066",
31  "username": "blaster"
32 }
```

GET list of items after PUT, notice Folder updated to Green Folder and other fields also updated