

ENSF381 – Lab10

Section: L02

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2.9.1



2.9.2

Successful POST request snapshot for newly added product(id:31):

The image shows a screenshot of the Postman API client interface. The top navigation bar includes links for Home, Workspaces, and API Network, along with a search bar and user options. A banner at the top promotes the POST/CON 24 conference. The left sidebar displays the 'My Workspace' with a collection named 'Flask Server' containing several endpoints. The main panel shows a 'POST' request to 'http://127.0.0.1:5000/products/add'. The request body is a JSON object with the following structure:

```
1 {
2   "products": [
3     {
4       "brand": "Samsung",
5       "category": "smartphones",
6       "description": "A powerful smartphone with advanced features",
7       "discountPercentage": 8.5,
8       "id": 31,
9       "images": [
```

The response is displayed in the 'Body' tab, showing a JSON object with the following structure:

```
{
  "id": 31,
  "products": [
    {
      "brand": "Samsung",
      "category": "smartphones",
      "description": "A powerful smartphone with advanced features",
      "discountPercentage": 8.5,
      "id": 31,
      "images": [
        "http://127.0.0.1:5000/product-images/2/1.jpg",
        "http://127.0.0.1:5000/product-images/2/2.jpg",
        "http://127.0.0.1:5000/product-images/2/3.jpg",
        "http://127.0.0.1:5000/product-images/2/4.jpg",
        "http://127.0.0.1:5000/product-images/2/thumbnail.jpg"
      ],
      "price": 699,
      "rating": 4.8
    }
  ]
}
```

The status bar at the bottom indicates the request was successful with a status of 201 CREATED, a time of 9 ms, and a size of 881 B. The interface also includes a 'Send' button, a 'Save' button, and a 'Test Results' tab.

2.9.3

Successful PUT request snapshot for updated product(id:31):

The price was updated from 699 to 999 for the product.

The screenshot displays the Postman interface for a PUT request. The request is sent to the URL `http://127.0.0.1:5000/products/31` with a `PUT` method. The request body is a JSON object representing a product update:

```
16 {
17   "price": 999,
18   "rating": 4.8,
19   "stock": 72,
20   "thumbnail": "http://127.0.0.1:5000/product-images/2/thumbnail.jpg",
21   "title": "Samsung Galaxy S20"
22 }
23
24
```

The response status is `200 OK` with a response time of `10 ms` and a size of `876 B`. The response body is a JSON object representing the updated product:

```
7 {
8   "description": "A powerful smartphone with advanced features",
9   "discountPercentage": 8.5,
10  "id": 31,
11  "images": [
12    "http://127.0.0.1:5000/product-images/2/1.jpg",
13    "http://127.0.0.1:5000/product-images/2/2.jpg",
14    "http://127.0.0.1:5000/product-images/2/3.jpg",
15    "http://127.0.0.1:5000/product-images/2/4.jpg",
16    "http://127.0.0.1:5000/product-images/2/thumbnail.jpg"
17  ],
18  "price": 999,
19  "rating": 4.8,
20  "stock": 72,
21  "thumbnail": "http://127.0.0.1:5000/product-images/2/thumbnail.jpg",
22  "title": "Samsung Galaxy S20"
23 }
24
```

2.9.4

Successful DELETE request snapshot for deleted product(id:31):

←

→

Home

Workspaces

API Network

Search Postman

Invite

Settings

Notifications

Upgrade

Learn from experts and join the Postman community at POST/CON 24. Register by March 26 to save 30%.

Learn more

My Workspace

NewImport

Flask Server

POST Flask post

PUT flask put

DEL New Request

Student Registration API

GET List student

GET specific student

POST post student

PUT put student

DEL delete student

Flask Server / New Request

Save

Send

DELETE

http://127.0.0.1:5000/products/31

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

Key	Value	Description
Key	Value	Description

Body

Cookies

Headers (5)

Test Results

Status: 200 OK

Time: 7 ms

Size: 213 B

Save as example

Pretty

Raw

Preview

Visualize

JSON

Copy

Search

1 {

2 "message": "Product deleted successfully"

3 }

Online

Find and replace

Console

Postbot

Runner

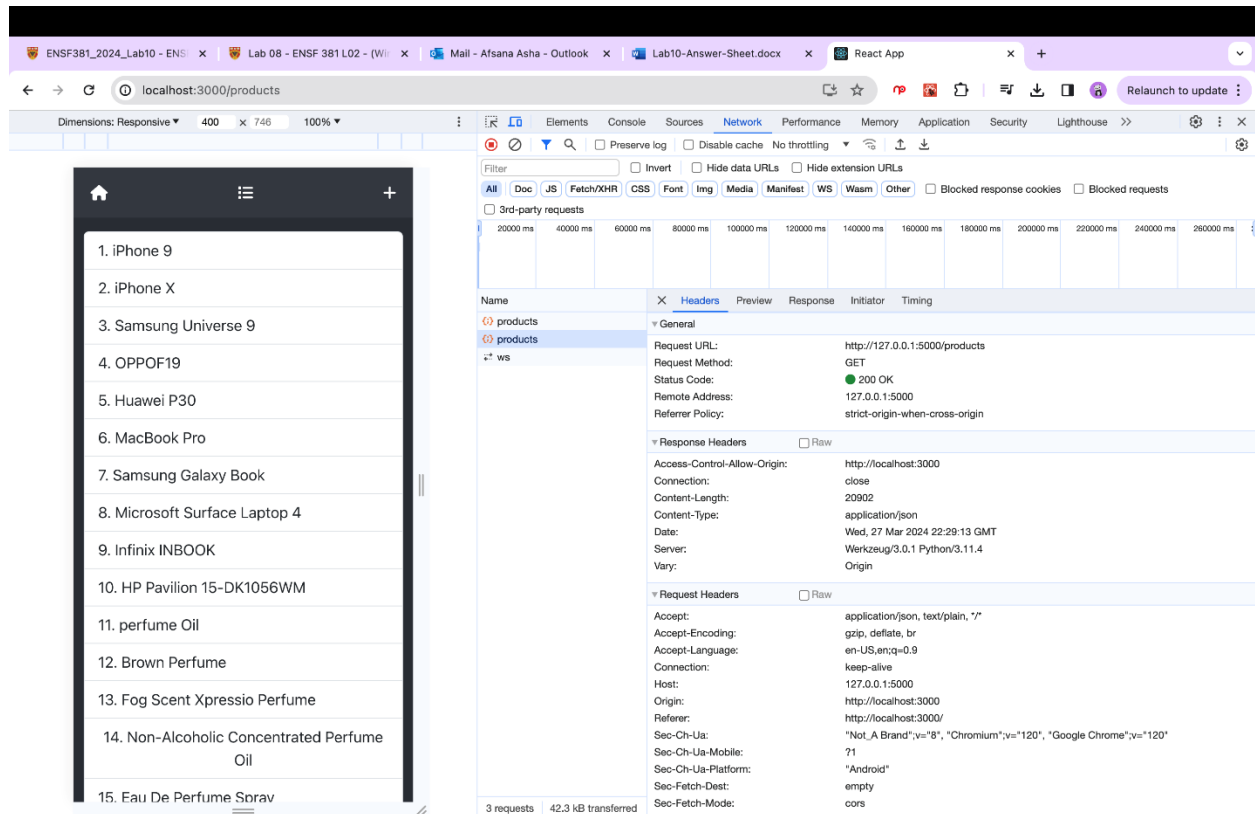
Start Proxy

Cookies

Trash

Help

3.4.2



Please note that `server.py` and the video or gif file from Section 4.2 must be delivered alongside the answer sheet file.