

NODE PROJECT DOCUMENTATION

Step to Run Project:

Step 1: Extract ZIP

Step 2: Run Command `npm i` (Please delete `node_module` and `package-lock.json` file)

Step 3: Run Command `npm run dev`

This will Start Server at port 3000

NOTE: node: v22.1.0 and npm: 10.7.0 are used by me

API details

1. `/updateApparelToSell`

Request Body:

`vendorID`: String specifying `vendorID`

`apparelsToSell`: Array of apparel details vendor wants to update. Please refer Json Below to understand apparel details attributes inside `apparelsToSell`

Curl:

```
curl --location --request PUT 'http://localhost:3000/updateApparelToSell' \
--header 'Content-Type: application/json' \
--data ' {
  "vendorId": "4",
  "apparelsToSell": [
    {
      "skuld": "1",
      "sizesAvailable": [
        {
          "skuSizeId": "1A",
          "stocksAvailable": 8,
          "price": 5000
        },
        {
          "skuSizeId": "1B",
          "stocksAvailable": 10,
          "price": 982
        },
        {
          "skuSizeId": "1C",
          "stocksAvailable": 1010,
          "price": 700
        }
      ]
    }
  ]
}
```

```

    },
    {
      "skuSizeId": "1D",
      "stocksAvailable": 70,
      "price": 9000
    }
  ]
},
{
  "skuld": "2",
  "sizesAvailable": [
    {
      "skuSizeId": "2A",
      "stocksAvailable": 80,
      "price": 80
    },
    {
      "skuSizeId": "2B",
      "stocksAvailable": 100,
      "price": 1000
    },
    {
      "skuSizeId": "2C",
      "stocksAvailable": 100,
      "price": 1000
    },
    {
      "skuSizeId": "2D",
      "stocksAvailable": 100,
      "price": 1000
    }
  ]
}
]
}'

```

Key Results:

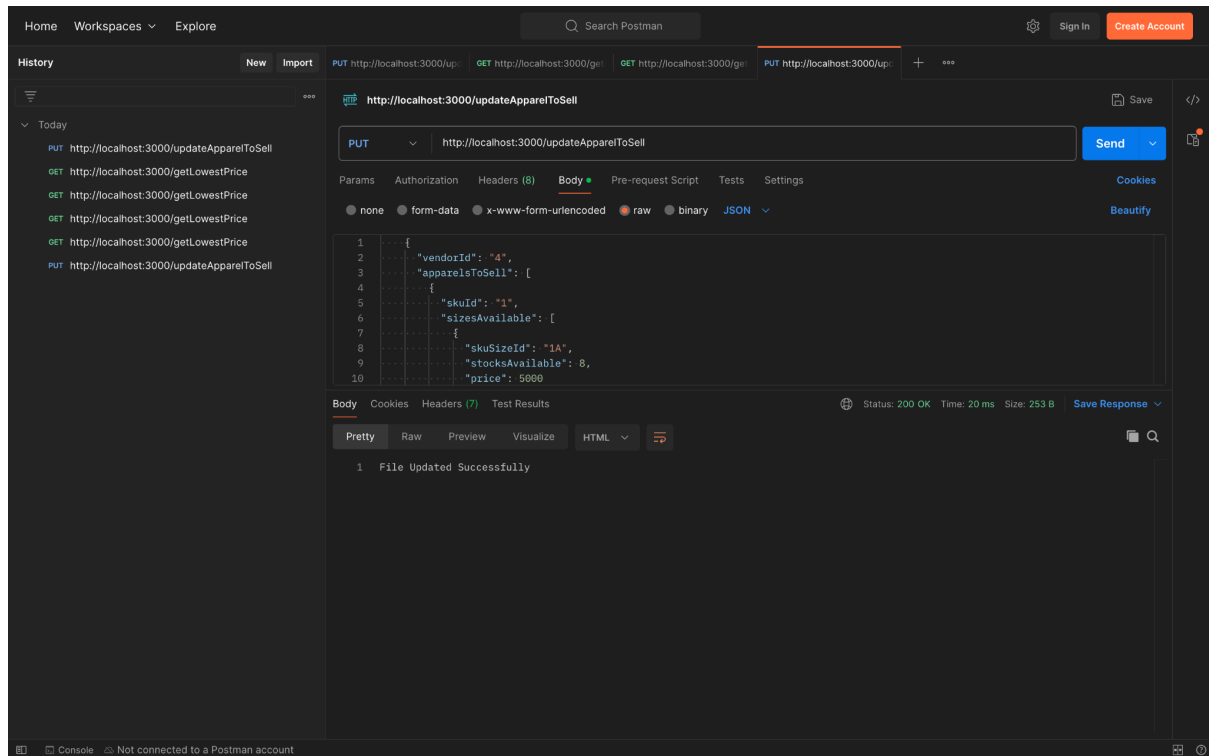
A. Updates Local JSON file with given data

B. Covers this 2 requirements mentioned. In case vendor wants to edit for one item, pass single object inside apparelsToSell

As a vendor, I can update the stock quality and price of one apparel code and size.

As a vendor, I can simultaneously update the stock quality and price of several apparel codes and sizes.

Working Results:



2. /getLowestPrice

Request Body:

apparelsData: Array of Apparels Customer wants to buy

Curl:

```
curl --location --request GET 'http://localhost:3000/getLowestPrice' \  
--header 'Content-Type: application/json' \  
--data '{  
  "apparelsData": [  
    {  
      "skuld": "1",  
      "skuSizeId": "1A",  
      "quantity": 250  
    },  
    {  
      "skuld": "2",  
      "skuSizeId": "2A",  
      "quantity": 250  
    },  
    {  
      "skuld": "1",  
      "skuSizeId": "1B",  
      "quantity": 20  
    }  
  ]  
}'
```

```
}  
]  
'  
}
```

Key Results:

- A. Returns the lowest cost at which I can get the order fulfilled.
- B. Returns Message "Cannot fulfil the order" if order cannot be fulfilled.
- C. Covers this 2 Requirements

As a user, I should be able to check If I can fulfil the requirement of a customer order.
As a user, I should be able to know the lowest cost at which I can get the order fulfilled.

Working Results:

Order cannot be fulfilled check

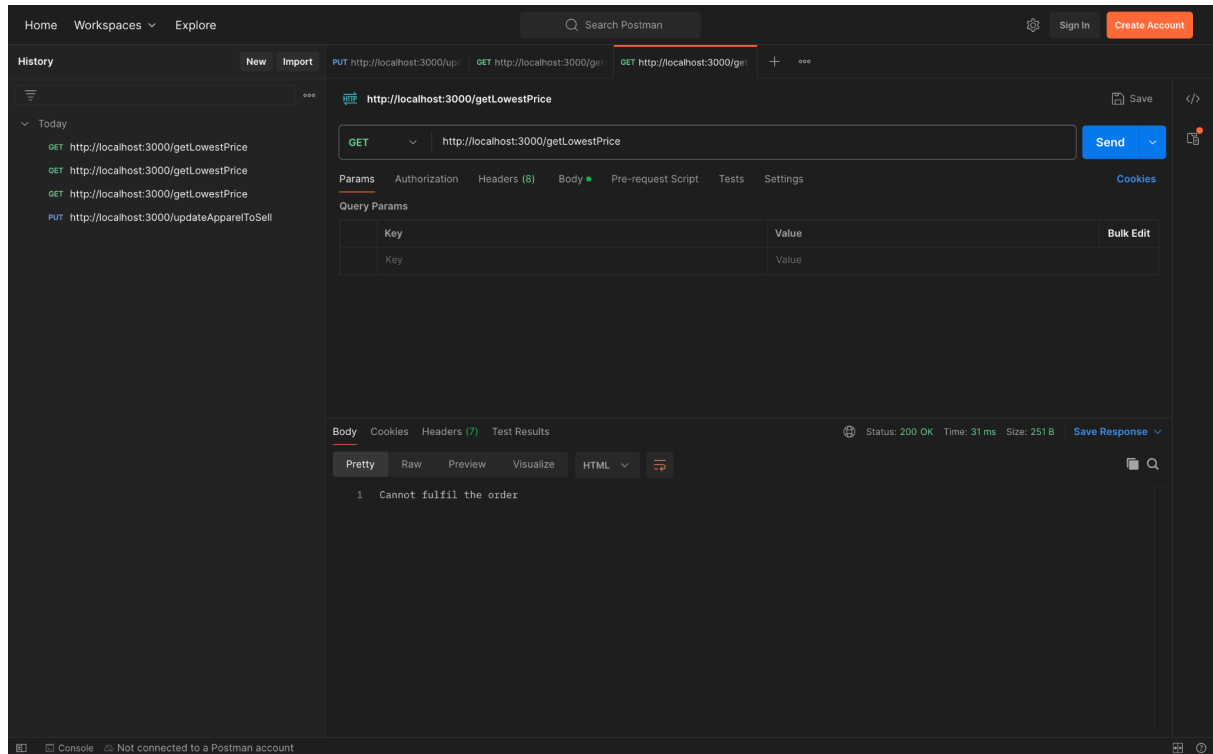
The screenshot shows the Postman interface with a GET request to `http://localhost:3000/getLowestPrice`. The request is configured with the following details:

- Method: GET
- URL: `http://localhost:3000/getLowestPrice`
- Params: Empty
- Headers: Empty
- Body: Empty
- Pre-request Script: Empty
- Tests: Empty
- Settings: Empty

The response is displayed in the "Body" tab, showing a status of 200 OK, a time of 31 ms, and a size of 251 B. The response body is:

```
1 Cannot fulfil the order
```

Lowest Price Calculated



ANGULAR PROJECT DOCUMENTATION

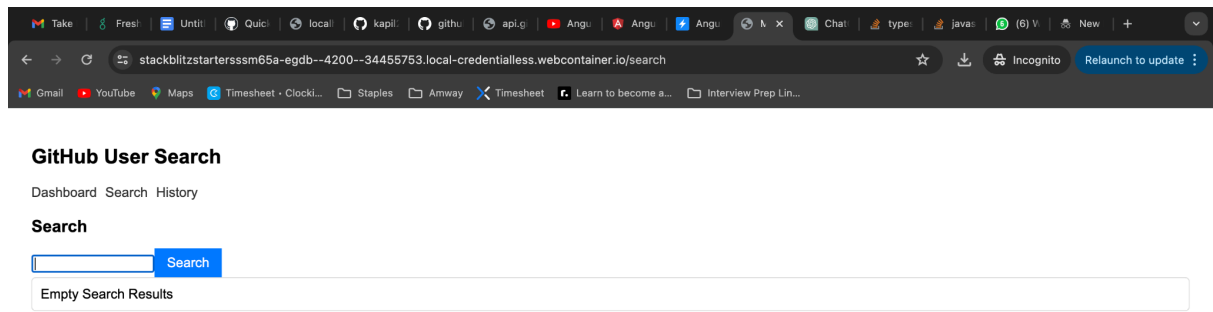
Stackblitz Link:

<https://stackblitz.com/edit/stackblitz-starters-ssm65a?file=src%2Fmain.ts>

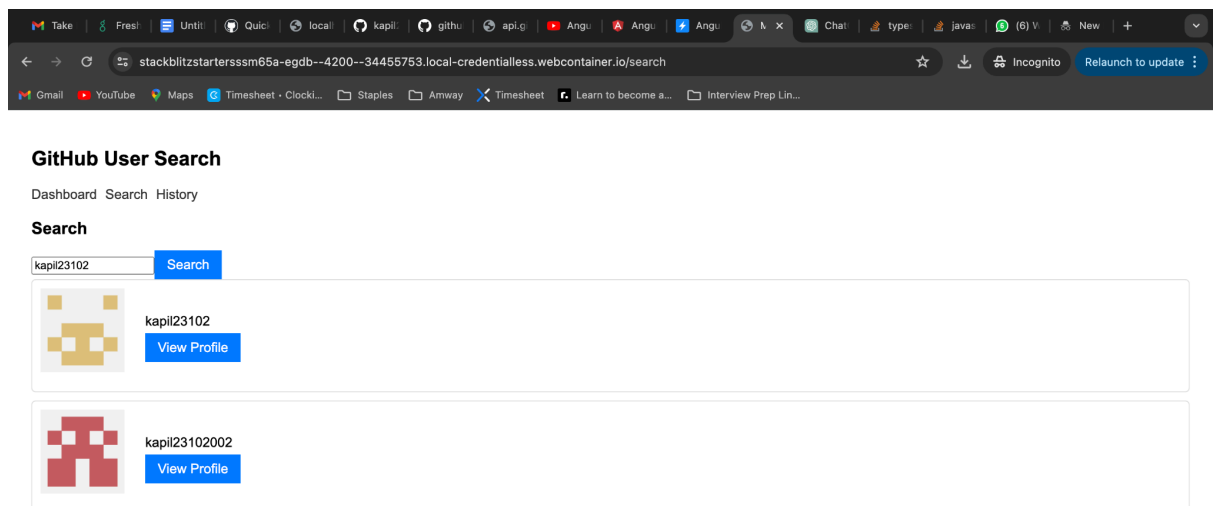
NOTE: Project is up and running here.

Working Results:

1. Search page



2. On Search Click



3. History Page

TakeFreshUntitledQuiclocalkaplgithubapl.gAnguAnguAnguXChattypejavas(6)New+

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