

Capstone Project

Name – ShopForHome

By Group-13

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Problem Statement:

User Stories –

1. As a user I should be able to login, Logout and Register into the application.
2. As a user I should be able to see the products in different categories.
3. As a user I should be able to sort the products.
4. As a user I should be able to add the products into the shopping cart
5. As a user I should be able to increase or decrease the quantity added in the cart.
6. As a user I should be able to add n number of products in the cart.
7. As a user I should be able to get the Wishlist option where I can add those products which I want but don't want to order now.
8. As a user I should get different discount coupons.

Admin Stories –

1. As an Admin I should be able to login, Logout and Register into the application.
2. As an Admin I should be able to perform CRUD on Users.
3. As an Admin I should be able to Perform CRUD on the products.
4. As an Admin I should be able to get bulk upload option to upload a csv for products
5. As an Admin I should be able to get the stocks.
6. As an Admin I should be able to mail if any stock is less than 10.
7. As an Admin I should be able to get the sales report of a specific duration.
8. As an Admin I should be able to set the discount coupons for the specific set of users

Implementation:

1. As the database named "project" is empty. so there will be no products shown in the home page of application.

ADMIN

1. Click on the register icon in navbar and do signup as admin by giving valid details

Ex:

AdminName : admin1
Email address : admin1@gmail.com
password : adminadmin1
conform password : adminadmin1

2. Do signin as admin with valid details.

3. After uploading a Bulk CSV file named "items"(provided in the project directory) in BULK Upload section or by creating a product in Create Product section of "ADMIN DASHBOARD". The products will be shown in the home page of application.

4. Admin can perform all the above Admin operations

USER

1. click on the register icon in navbar and do signup as user by giving valid details.

Ex:

UserName : user1
Email address : user1@gmail.com
password : useruser1
conform password : useruser1

2. Do signin as user with valid details.

3. User can perform all the above user operations

PORTS

1. frontend - 3000
2. backend - 8010
3. apigateway - 8020
4. discount - 8030

How Mail Works

1. when an user orders an item the stocks will be updated during that time a scan of item quantities will be checked and for every item with stock less than 10, a mail will be sent to owner along with product details , user details and stock details

To get access to Postman documentation

1. <http://localhost:8010/api-docs>
 2. <http://localhost:8020/api-docs>
 3. <http://localhost:8030/api-docs>
-

Admin Operations

Admin signup

1. <http://localhost:8010/api/admin/signup>
method:POST
BODY:
{
 "adminId":"1234",
 "adminName":"capstone-5",
 "adminMail":"capstone@gmail.com",
 "password":"12345567"
}

Admin signin

2. <http://localhost:8010/api/admin/signin>
method:POST
BODY:
{
 "adminId":"1234",
 "adminName":"capstone-5",
 "adminMail":"capstone@gmail.com",
 "password":"12345567"
}

A token will be generated use this token

Get admins

3. <http://localhost:8010/api/admin/>
method: GET

Get users

4. <http://localhost:8010/api/admin/getUsers>
method: GET
In Auth section use Bearer Token

Adding user by admin

5. <http://localhost:8010/api/admin/addUser>
method:POST
BODY:
{

```
"userId":"9",
"userName":"user9",
"userMail":"user9@gmail.com",
"password":"iamuser9",
"cartList":[1,2,3],
"wishList":[1,2,3],
"coupons":[1,2,3]
}
```

In Auth section use Bearer Token

Deleting user by admin

6. <http://localhost:8010/api/admin/deleteUser/:id>

method:DELETE

In Auth section use Bearer Token

(EX:- <http://localhost:8010/api/admin/deleteUser/:62d50f224135ea78c848505d>)

Updating user by admin

7. <http://localhost:8010/api/admin/updateUser>

method:PUT

In Auth section use Bearer Token

BODY:

```
{
  "userId":"9",
  "userName":"user9",
  "userMail":"user9@gmail.com",
  "password":"heyiamuser9",
  "cartList":[1,2,3],
  "wishList":[1,2,3],
  "coupons":[1,2,3]
}
```

Adding an item by admin

8. <http://localhost:8010/api/admin/product/addItem>

method:POST

In Auth section use Bearer Token

BODY:

```
{
  "productId":"1",
  "cost":"2000",
  "features":"good",
  "productName":"chair",
  "category":"A1",
  "stock":10,
  "brand":"S1",
  "description":"ok",
  "image":"http://localhost:8010/images/chair_imp.jpg"
}
```

}

Bulk Upload by admin for posting a csv file

9. <http://localhost:8020/bulkUpload>

method:POST

use form-data to submit a csv file

Deleting a product

10. <http://localhost:8010/api/admin/product/delete/:id>

method:DELETE

In Auth section use Bearer Token

(EX:-<http://localhost:8010/api/admin/product/delete/62d441364135ea78c8484f36>)

Getting items

11. <http://localhost:8010/api/admin/product/getItems>

method:GET

Updating item

12. <http://localhost:8010/api/admin/product/update/:id>

method:PUT

In Auth section use Bearer Token

BODY:

```
{
  "productId": "1",
  "cost": 500,
  "features": "safety Rails",
  "productName": "1bed",
  "category": "furniture",
  "stock": 19,
  "brand": "A1",
  "description": "cushioned mattresses",
  "image": "http://localhost:8010/images/bed1.jpeg"
}
```

(Ex:-<http://localhost:8010/api/admin/product/update/62d441364135ea78c8484f30>)

To get certain items

13. <http://localhost:8010/api/admin/product/getCertainItems>

method:POST

In Auth section use Bearer Token

Body:

```
{
  "idArray":["id1","id2"]
}
```

(ex:-1

```
{
  "idArray": ["62d441364135ea78c8484f30","62d441364135ea78c8484f31"]
}
```

}}

To get orders placed

14. <http://localhost:8010/api/admin/order/getOrders>

method:GET

In Auth section use Bearer Token

To get sales

15. <http://localhost:8010/api/admin/sales/getSales>

method:GET

In Auth section use Bearer Token

To update discount

16. <http://localhost:8030/updateUserCoupon/:userId>

method:PUT

Body:

```
{  
  "coupon":"abcdef",  
  "discount":20  
}
```

User operations

User signup

1. <http://localhost:8010/api/user/signup>

method:POST

BODY:

```
{  
  
  "userId":"95",  
  "userName":"user95",  
  "userMail":"user95@gmail.com",  
  "password":"heyiamuser95",  
  "cartList":[1,2,3],  
  "wishList":[1,2,3],  
  "coupons":[1,2,3]  
}
```

User signin

2. <http://localhost:8010/api/user/signin>

method:POST

BODY:

```
{
```



```
"userId":"95",  
"userName":"user95",  
"userMail":"user95@gmail.com",  
"password":"heyiamuser95",  
"cartList":[1,2,3],  
"wishList":[1,2,3],  
"coupons":[1,2,3]  
}
```

A Token will be generated

Get users

3. <http://localhost:8010/api/user/>
method:GET

In Auth section use Bearer-Token

Get specific user by using id

4. <http://localhost:8010/api/user/getUser/:id>
method:GET

(Ex:-<http://localhost:8010/api/user/getUser/62d4252443b1ac3fbde1ae0d>)

Get all items

5. <http://localhost:8010/api/user/product/getItems>
method:GET

Adding to wishlist

6. <http://localhost:8010/api/user/product/addToWishList/:userId>
method:POST

In Auth section use Bearer-Token

(EX:-

<http://localhost:8010/api/user/product/addToWishList/62d4252443b1ac3fbde1ae0d>)

Removing from wishlist

7. <http://localhost:8010/api/user/product/removeFromWishList/:productId/:userId>
method:DELETE

In Auth section use Bearer-Token

(EX:-

<http://localhost:8010/api/user/product/removeFromWishList/62d441364135ea78c8484f37/62d4252443b1ac3fbde1ae0d>)

Add to cart

8. <http://localhost:8010/api/user/product/addToCart/:userId>

method:POST

In Auth section use Bearer-Token

(EX:-http://localhost:8010/api/user/product/addToCart/62d4252443b1ac3fbde1ae0d)

Remove from cart

9. http://localhost:8010/api/user/product/removeFromCart/:productId/:userId

method:DELETE

In Auth section use Bearer-Token

(EX:-

http://localhost:8010/api/user/product/removeFromCart/62d441364135ea78c8484f37/62d4252443b1ac3fbde1ae0d)

Placing order

10. http://localhost:8010/api/user/order/placeOrder

method:POST

In Auth section use Bearer-Token

BODY:

```
{
  "productId":"1",
  "cost":"500",
  "productName":"bed1",
  "quantity":"1",
  "userId":"62d5b1c32d3350a3f4608d1b",
  "userName":"user95",
  "address":"street-1"
}
```

modifying sales

11. http://localhost:8010/api/user/sales/modifySales

method:POST

In Auth section use Bearer-Token

BODY:

```
{
  "productId":"1",
  "productName":"bed1",
  "sold":2,
  "cost":501
}
```

use discount

12. http://localhost:8030/useUserCoupon/:userId

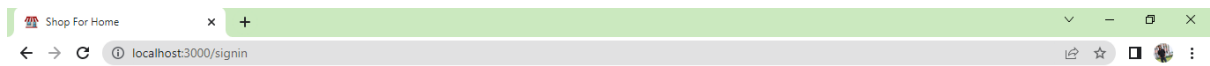
method:PUT

Body:

```
{
  "coupon":"abcdef",
}
```

```
"discount":20
}
```

Screenshots of project:



Signin

Email address

Invalid Email

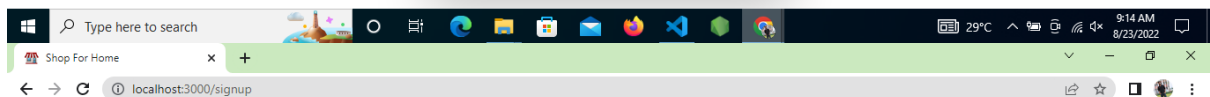
Password

Please Provide Password

[Submit](#)

New user? [Create your account](#)

Admin? [Login](#)



User Register

User Name

Email address

Password

Confirm Password

[Register](#)

Already have an account? [Signin](#)

Admin? [SignUp](#)



Coupons

Coupon	Percentage	Copy
M56ZYJ	0	Copy
TRHHR1	7	Copy
H7UZ27	7	Copy


Shop For Home x +
localhost:3000
GL Store Shop Wishlist Cart Discount Coupons Logout

Filters


Category

- ☐ Furniture
- ☐ Electronics


Search ex - furniture,electricals [Search](#)



Morris Chair
Price :\$700
Stock :30



Papasan Chair
Price :\$800
Stock :35




Panton Chair
Price :\$900
Stock :38

localhost:3000/wishlist

Wishlist




Laundrette
Price :\$1500
Stock :50
[remove](#) [Add To Cart](#)




Panton Chair
Price :\$900
Stock :38
[remove](#) [Add To Cart](#)

Cart



Laundrette
Price :\$1500
Stock :50
[+](#) [-](#) 0



Panton Chair
Price :\$900
Stock :40
[+](#) [-](#) 0

Paste Coupon Here...
[Apply](#)

Total Price :\$0

Address

[Buy Now](#)

Shop For Home

localhost:3000/dashboard

Admin Dashboard

Go To Orders

Create New Product

Bulk Upload


Manage Products

Manage Users

Product Status

Sales Report

Discount



GL Store
Perfect Shop for Shopping.

localhost:3000/dashboard#

Type here to search

Shop For Home

localhost:3000/bulkupload

GL Store

Shop Dashboard Logout

Bulk Upload

Upload CSV file

Choose file No file chosen

Submit

Type here to search

29°C 9:21 AM 8/23/2022

Shop For Home

+

localhost:3000/salereport

Shop Dashboard Logout

GL Store

Sales Report

From :

mm/dd/yyyy

To :

mm/dd/yyyy

Filter

Overall Sales

Product Name	Price	Quantity	Total
Launderette	900	2	1800

Type here to search

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