Rajmahar Online Marketplace
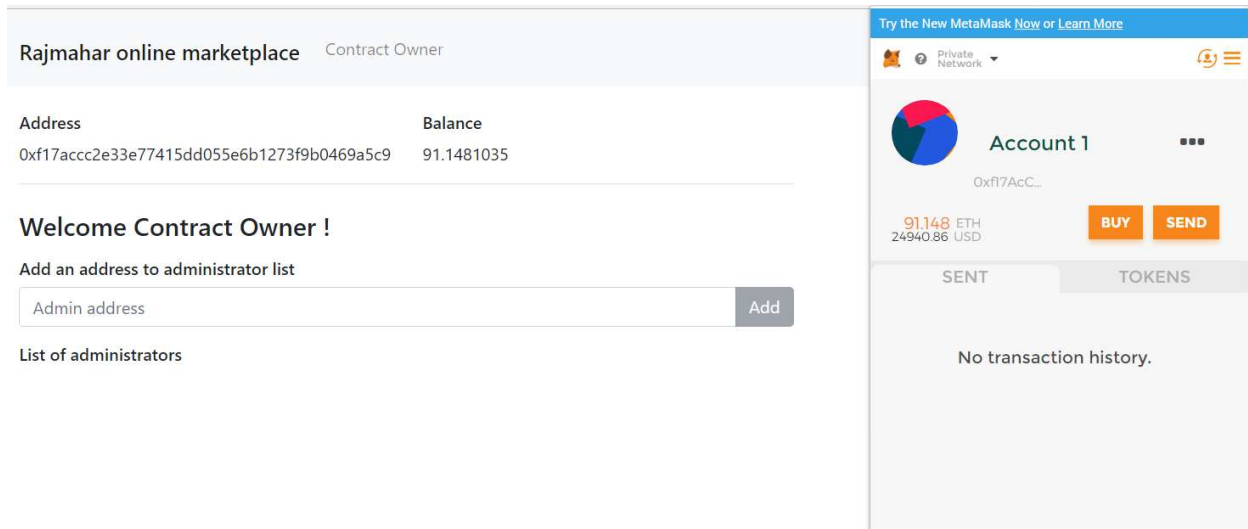
Front End manual testing

Please make sure you run ng serve command from the directory marketplace/Presentation path. Also make sure you have deployed smart contract and in MetaMask you connected on localhost:8545

Just wanted to make a big note here that after submitting the MetaMask, most of the time the page doesn't refresh to get the update for the changes, you might need to refresh manually for now.

1. **Contract owner page**

When user/contract owner connects with first account from MetaMask, the contract owner will see the page as below. Here first account has used to deploy the smart contract.

2. **Add some admins by contract owner.**

Here, contract owner enter the address who will be admin. Let's copy 2nd address and paste in admin address test box, hit Add button and submit Metamask. You might need sometimes to refresh the page to get updated record back. Same way do it for 3rd address.

Rajmahar online marketplace Contract Owner

Address	Balance
0xf17accc2e33e77415dd055e6b1273f9b0469a5c9	91.147946718

Welcome Contract Owner !

Add an address to administrator list

Admin address	Add

List of administrators

1	0x2d8a4775b7cb86a94a93e0585365ddaf5ba4800e
2	0x76e13d8a75b06c6e373c631657184400fb8bc2a5

3. User page to apply for store owner

Let's connect by Account 5 in MetaMast, It should go now in user page where there is Store Application link on the top right corner and click this. The page will be same as below.

Rajmahar online marketplace Shopper Store Application

Address	Balance
0xee035d8a4ff5916ee157d03fffb46c5f76862941	119.6104352

Welcome to Store Application !

Enter your store name

Store Name	Add

Here user will enter the store name like Macys and hit Add button and submit the MetaMask to register a store.

4. Admin approves store

In MetaMask, select the account 2 (who is admin now). The application for the store owner will be listed under unapproved store owners list as shown below.

Here, admin approves by clicking the Approve button. Refresh the page if page doesn't reflect the MetaMask transaction.

Do the same way for the other new stores like Target (Account 6), Sears (Account 7). Please make sure you change the MetaMask account while you are using Store Application Form.

Rajmahar online marketplace   Administrator

Address

0x2d8a4775b7cb86a94a93e0585365ddaf5ba4800e

Balance

99.969705379

Welcome Administrator !

Unapproved store owners

1	Target	0x88b465767dea35140d1ea33fd7ef1bdee124b555	Approve
2	Sears	0xdd836c1c78498bfa7f9203f1a11ca760c8bd5015	Approve

Approved store owners

1	Macys	0xee035d8a4ff5916ee157d03fffb46c5f76862941

Now, let's approve all stores. The page will be look like

Rajmahar online marketplace   Administrator

Address	Balance
0x2d8a4775b7cb86a94a93e0585365ddaf5ba4800e	99.965885458

Welcome Administrator !

Unapproved store owners

Approved store owners

1	Macys	0xee035d8a4ff5916ee157d03fffb46c5f76862941
2	Target	0x88b465767dea35140d1ea33fd7ef1bdee124b555
3	Sears	0xdd836c1c78498bfa7f9203f1a11ca760c8bd5015

5. Adding Store Fronts

Login by store owner. Select account 5 first. Please make sure admin approved this owner. Add store fronts like Jewelry.

Add one more store front named Beauty for this store owner.

Rajmahar online marketplace Store Owner

Address

0xee035d8a4ff5916ee157d03fffb46c5f76862941

Balance

119.597772246

Welcome Macys !

Withdraw Fund

Add new store front

| Store Front Name | Add |

List of store front

| 1 | Jewelry | Manage |
| 2 | Beauty | Manage |

Same way connect by account 6 and add store fronts called Baby and HandBag

Same way connect by account 7 and add store fronts called Appliances and Electronics

If you are switching from store accounts one from another, you might need to refresh page manually. I am assuming that the store owners will not be from same computer. They will have distinct computers for starting their stores.

6. Adding new product

Let's add some products for Macys (Account 5) and Target (Account 6). Here for the example, I am going to add just for Jewelry (Macys front) and Handbag (Target front).

Connect Account 5 for Macys store and click on Manage button for Jewelry.

Enter the product name "Gold Chain" and click Create. Fill other information as below.

Since the image will save in ipfs network, it might take few more seconds depending on your image. You need to wait until the uploaded picture shows up just below the Choose picture label. Also, Add New Product button will enabled only after uploaded the picture successfully.

New Product !

* are required.

Name *

Gold Chain

Description

22 caret pure yellow gold, 31 gram

Price (ether)*

8.5

Quantity *

10

Chose picture to upload in IPFS: Choose File gold-chain-5 ether.jpg
(It might take few second to minutes. Please wait until the picture shows up below)

Image saved at:
https://ipfs.io/ipfs/QmYt6AJxUFe27YRWmSgu5Eb5PqtQyqwmc95cd97hKU8PoK

Add New Product   Back to Product List

Click on Back to Product List once you added.

Same way, add more products like "Gold Necklace", "Gold Ring" and "Platinum Necklace" for Macys Jewelry store front. The pictures are provided on the path marketpalce\Presentation\testImages\Jewelry

Rajmahar online marketplace   Store Owner

Address

0xee035d8a4ff5916ee157d03fffb46c5f76862941

Balance

119.569081846

Manage Jewelry !

< Back to Front list

Add new products

| Product Name | Create |

List of products

SN	Product Name	Price (ether)	Quantity	
1	Gold Chain	8.5	10	Edit Delete
2	Gold Necklace	5.5	50	Edit Delete
3	Gold Ring	4.5	20	Edit Delete

Same way, add products for Target store (connect Account 6) for Hand Bag store front. The product names are "Gionar Imported", "Hila ladies", "Korean Leather" and "Lacoste Tennis". The pictures for these products are provided on the path marketplace\Presentation\testImages\Handbags.

Rajmahar online marketplace

Address

0x88b465767dea35140d1ea33fd7ef1bdee124b555

Balance

99.792324425

Manage Hand Bag !

< Back to Front list

Add new products

Product Name	Create

List of products

SN	Product Name	Price (ether)	Quantity	
1	Gionar Imported	7.6	5	Edit Delete
2	Hila ladies	4.5	20	Edit Delete
3	Korean Leather	2.6	40	Edit Delete
4	Lacoste Tennis	5.8	20	Edit Delete

7. Edit product

You can click on Edit on the product list above and change the information of the product including name, description, price and quantity.

Rajmahar online marketplace   Store Owner

Address   **Balance**

0x88b465767dea35140d1ea33fd7ef1bdee124b555   99.792324425

Edit Product !

Name *

Gionar Imported

Description

Chinese bag

Price (ether)*

7.6

Quantity *

5

Image Url
https://ipfs.io/ipfs/QmZWCw9KidNJgsAmVFEBdxNqQT9ymspoY7HqPhmP6Av7nL

Save Changes   Go Back to Product List

8. Delete Product

Store owner can delete their product clicking on Delete button.

9. User Login and order

Let's connect by Account 9 who never has any roles in the web app yet. The user will see all the fronts available from different stores.

When user clicks on Products in Sale of Jewelry, the screen should be display like below where user can now make the order.

Rajmahar online marketplace   Shopper   Store Application

Address

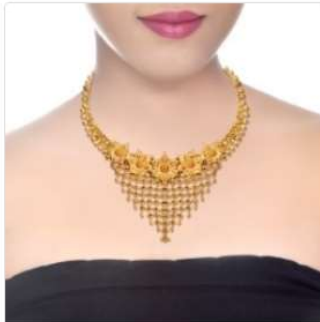0x8e8f3013d06d0b43848cd43b4d851e243f9a35fc

Balance

60.2463424

Jewelry: Products in sale

Back to store fronts

Gold Chain
22 caret pure yellow gold, 31 gram
Price: 8.5 ether

Order

Gold Necklace
22 caret pure yellow gold, 31 gram
Price: 5.5 ether

Order

Gold Ring
22 caret pure yellow gold, 20gm
Price: 4.5 ether

Order

Above is from the store Macys.

Below screen is from Target Store

Rajmahar online marketplace Shopper Store Application

Address

0x8e8f3013d06d0b43848cd43b4d851e243f9a35fc

Balance

60.2463424

Hand Bag: Products in sale

Back to store fronts

Gionar Imported

Gionar imported chinese bag 8 ether

Price: 8.5 ether

Order

Hila ladies

Hila ladies bag 4 ether

Price: 4.6 ether

Order

Korean Leather

Korean Leather Hand bag 2 ether

Price: 2.5 ether

Order

Let's make some order from this user. Let's do order the 2nd item from above list (from Target store).

Rajmahar online marketplace

Address

0x8e8f3013d06d0b43848cd43b4d851e243f9a35fc

Balance

60.2463424

Product Details

< Back

Hila ladies

4.6 ether

Hila ladies bag 4 ether

Qty Available: 20

Quantity to buy *

2

Total Amount : 9.2 ether

Buy now

Click on Buy now button for order. You will see the quantity deducted for this product.

10. Store Owner withdraw page

Connect store owner by account 6 (Target) and click on the withdraw button.

Rajmahar online marketplace   Store Owner

Address

0x88b465767dea35140d1ea33fd7ef1bdee124b555

Balance

99.475663825

Withdraw fund for Target

< Back

Fund available to withdraw : 9.2 ether

| Withdrawal Amount | Withdraw |