

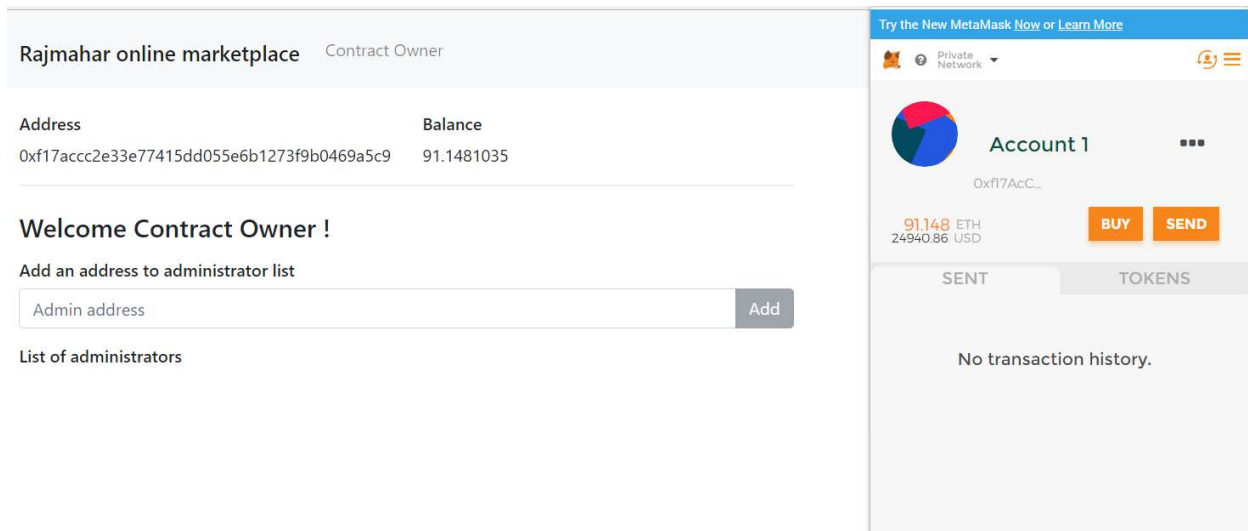
Rajmahar Online Marketplace

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

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.

Address	Balance
0xf17acc2e33e77415dd055e6b1273f9b0469a5c9	91.147946718

Welcome Contract Owner !

Add an address to administrator list

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.

Address	Balance
0xee035d8a4ff5916ee157d03fffb46c5f76862941	119.6104352

Welcome to Store Application !

Enter your 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.

Rajmahar online marketplace Administrator

Address	Balance
0x2d8a4775b7cb86a94a93e0585365ddaf5ba4800e	99.9697432

Welcome Administrator !

Unapproved store owners

1	Macys	0xee035d8a4ff5916ee157d03fffb46c5f76862941	Approve
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Approved store owners

Try the New MetaMask Now or Learn More

Private Network

Account 2

0x2D8A...

99.969 ETH
27250.75 USD

BUY

SEND

SENT

TOKENS

No transaction history.

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.

Address	Balance
0x2d8a4775b7cb86a94a93e0585365ddaf5ba4800e	99.969705379

Welcome Administrator !

Unapproved store owners

1	Target	0x88b465767dea35140d1ea33fd7ef1bdee124b555	Approve
2	Sears	0xdd836c1c78498bfa7f9203f1a11ca760c8bd5015	Approve

Approved store owners

1	Macys	0xee035d8a4ff5916ee157d03fffb46c5f76862941
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Now, let's approve all stores. The page will be look like

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.

Address	Balance
0xee035d8a4ff5916ee157d03fffb46c5f76862941	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.

Rajmahar online marketplace Store Owner

Address	Balance
0xee035d8a4ff5916ee157d03fffb46c5f76862941	119.597772246

Manage Jewelry !

< Back to Front list

Add new products

Create

Product Name is required.

List of products

SN	Product Name	Price (ether)	Quantity
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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: 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

Address

0xee035d8a4ff5916ee157d03fffb46c5f76862941

Balance

119.569081846

Manage Jewelry !

[< Back to Front list](#)

Add new products

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.

Address

0x88b465767dea35140d1ea33fd7ef1bdee124b555

Balance

99.792324425

Manage Hand Bag !

[< Back to Front list](#)

Add new products

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 *

Description

Price (ether)*

Quantity *

Image Url

<https://ipfs.io/ipfs/QmZWCw9KidNJgsAmVFEBdxNqQT9ymspoY7HqPhmP6Av7nL>

Save ChangesGo 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.

Rajmahar online marketplaceShopperStore Application

Address

0xd2736209e29005e969f7024011b98c8e10a45e06

Balance

75.9331296

Welcome Shopper !

List of store front

1	Jewelry	Products in Sale
2	Beauty	Products in Sale
3	Baby	Products in Sale
4	Hand Bag	Products in Sale
5	Appliances	Products in Sale
6	Electronics	Products in Sale

Try the New MetaMask Now or Learn More

Private Network

Account 9

OxD2736...

75.933 ETH
20977.29 USD

BUY

SEND

SENT

TOKENS

No transaction history.

Preview return values in tl
without explicitly executir

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

Address

0x8e8f3013d06d0b43848cd43b4d851e243f9a35fc

Balance

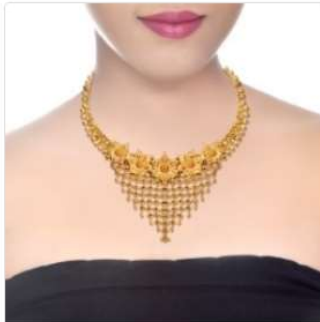
60.2463424

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

Address

0x8e8f3013d06d0b43848cd43b4d851e243f9a35fc

Balance

60.2463424

Hand Bag: Products in sale

[Back to store fronts](#)

GIONAR



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](#)



DARK RED

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).

Address

0x8e8f3013d06d0b43848cd43b4d851e243f9a35fc

Balance

60.2463424

Product Details

[< Back](#)



Hila ladies

4.6 ether

Hila ladies bag 4 ether

Qty Available: 20

Quantity to buy *

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	Balance
0x88b465767dea35140d1ea33fd7ef1bdee124b555	99.475663825

Withdraw fund for Target

[< Back](#)

Fund available to withdraw : 9.2 ether

Withdraw