# Read Me Documentation

This documentation is about how to deploy the contract via Remix and how to test or use it with different accounts. At the end, a flow figure is displayed.
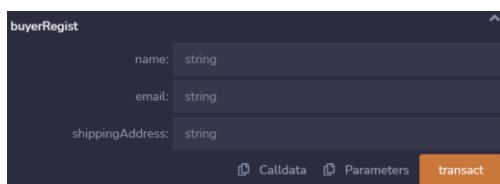
## How to use

The following steps show how to use this contract:
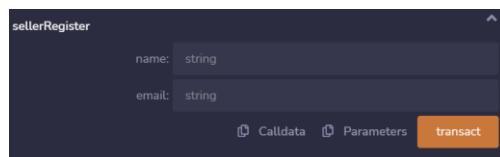
1. Select an account to deploy the contract and set the required seller deposit amount as follows,
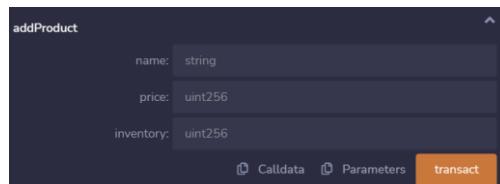


2. Switch an account and register as buyer as follows,
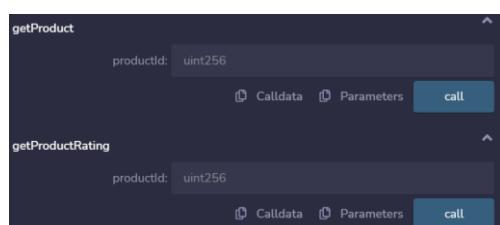


3. Switch an account and register as seller as follows,



4. The seller add product info as follows,
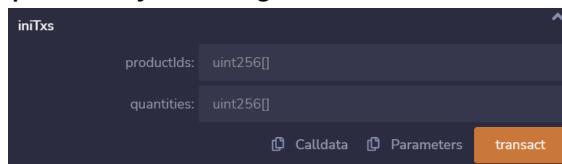


5. Switch to buyer account and view product info as follows,
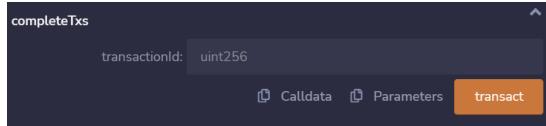


   (PS: here you should know the product ID)

6. The buyer buys the product by initiating the transaction as follows,
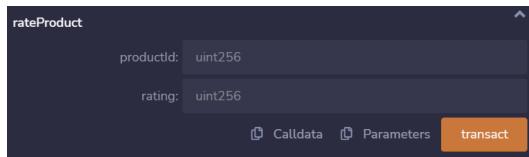


7. Only buyer account can confirm the transaction as follows, the seller gat paid after the transaction finished.

```
completeTxs                                    ^
       transactionId:  uint256
                          Calldata   Parameters   transact
```
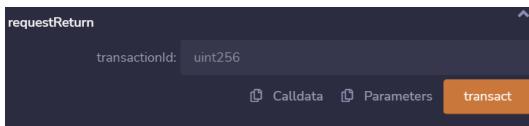
(PS: here you should know the transaction ID)
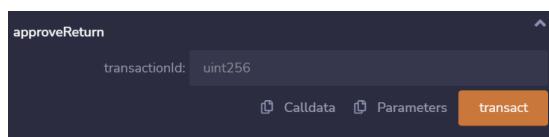
8. Buyer can rate the product as follows,

```
rateProduct                                    ^
          productId:  uint256
             rating:  uint256
                          Calldata   Parameters   transact
```
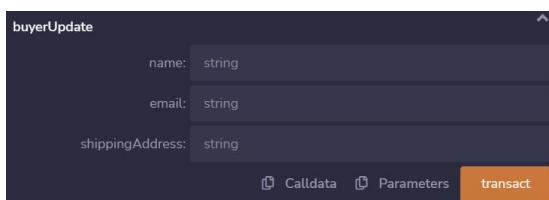
9. Buyer can ask for return the product as follows,

```
requestReturn                                  ^
       transactionId:  uint256
                          Calldata   Parameters   transact
```

10. Switch to seller account to approve the return as follows,

```
approveReturn                                  ^
       transactionId:  uint256
                          Calldata   Parameters   transact
```

11. Buyer can update their info as follows,

```
buyerUpdate                                    ^
              name:  string
             email:  string
   shippingAddress:  string
                          Calldata   Parameters   transact
```

# Flow diagram of the contract

The following figure shows flow of this smart contract: