SMART REPLENISHMENT BOX

A CRAFTSMEN'S SMART BOX

CONTENTS

USE CASES

1. ADD SUPPLIER AND BUYER TO BOX
2. ADD PRODUCTS TO BOX
3. SELL PRODUCTS FROM BOX
4. VISUALIZE BLOCKCHAIN

ADD SUPPLIER AND BUYER TO BOX

SmartBox View Box   Manage Box   Add Tools   Buy Tools   Visualize Blockchain

Add Supplier/Client
Add a supplier/client to the blockchain

Add Supplier

Enter Supplier Address

Enter Supplier Name

Add Supplier

Add Buyer

Enter Buyer Address

Enter Buyer Name

Add Client

ADD PRODUCTS TO BOX

SmartBox   View Box   Manage Box   Add Tools   Buy Tools   Visualize Blockchain

Add Tools
Add Tools to the box

Seller Address

Enter Sellers'saddress

Tool Name

Enter Tool Name

Price

Enter Price

Quantity

Enter Quantity

Add Tools

SELL PRODUCTS FROM BOX

SmartBox   View Box   Manage Box   Add Tools   Buy Tools   Visualize Blockchain
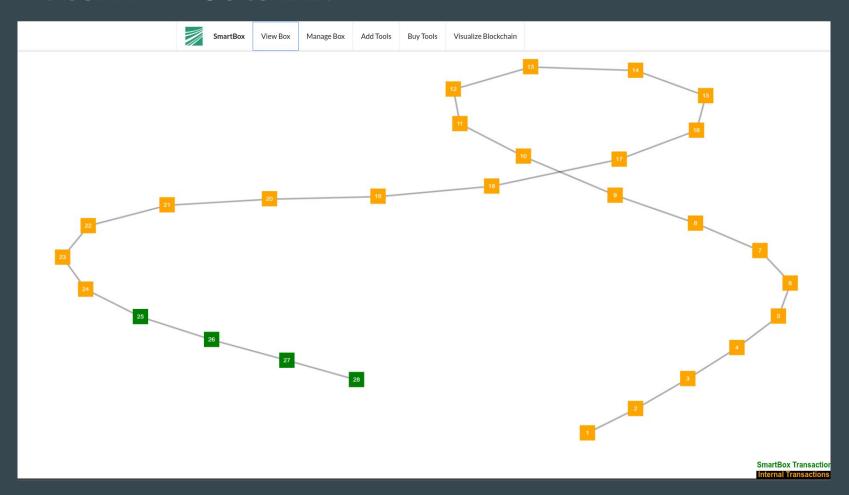
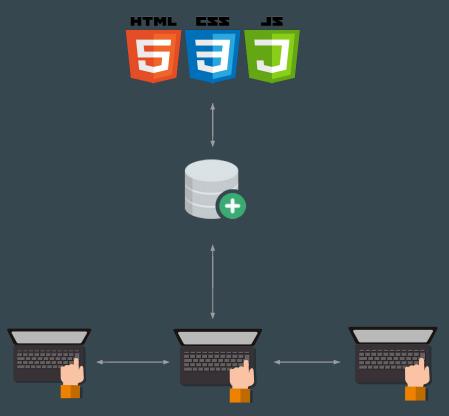## Buy Tools
Buy Tools from the seller

Seller

Enter Seller's address

Quantity

Enter Number of Tools to Buy

Buyer

Enter Buyer's address

Buy Tools

VISUALIZE BLOCKCHAIN

SmartBox Transaction
Internal Transactions

ARCHITECTURE

TECHNOLOGIES USED

DATBASE

- GETH/TESTRPC

BACKEND

- NodeJS
- JQUERY

FRONT END

- HTML5

DEPLOYMENT

- TRUFFLE