

# Vanig MVP v1.0 User Guide

## High level Business Process Covered:

- 1) Manufacturer to add an item to Blockchain (Hyperledger Sawtooth)
- 2) Browse through products in Marketplace to view Provenance information
- 3) View Data stored in private Blockchain (Hyperledger Sawtooth)
- 4) Complete Check out using Crypto Currency - using uPort seamless wallet
- 5) Complete Check out process using in-built wallet
- 6) View Order details in Order page
- 7) Complete Check out using Crypto Currency - using Civic and Metamask

With above use cases, Vanig MVP address following problem statements in Vanig Vision –

1. Fracture Tracking – [Real time Inventory & price management, total tracking](#)
2. Long Payment waiting periods - [Crypto transfers happens within seconds](#)
3. Dealing Middleman – [Onboarding Manufacturer directly eliminates the need of middleman](#)

## Prerequisites

- 1) Chrome browser
  - <https://www.google.com/chrome/>
- 2) uPort installed on your smart phone
  - Install uport on your mobile device: <https://www.uport.me/>

## Login Credentials to MVP Website:

User id: demo

Password: vanig 2018

## Login Credentials to User Profile during cart checkout process

User id: demo@vanig.io

Password: vanigteam

## Etherscan address to track transactions purchased using MVP:

<https://rinkeby.etherscan.io/token/0xbd3ef8832d459c7459490c7b6712d4aba175f770>

**Vanig GitHub:** <https://github.com/VanigPro>



```
JWQU5JR1wiLFwiTWznRGF0ZVwi0lwiMDEvMDEvMjAxOFwiLFwiTWznTG9jYXRpb25cIjpcIjEyLzEyLzIwMTI2NjA5NjU1MTMzfQ=="
```

#### 4) Complete Check out using Crypto Currency (using uPort – use incognito mode if metamask browser plug-in is installed) \*Use Chrome Browser

- a. Install [uPort](#) on your mobile device
- b. Click Sign in button on Vanig Marketplace  
<http://hyperledger.vanig.io:3000/shop/index.html>
- c. Choose uPort as sign on process
- d. Authenticate uPort QR Scanner using your mobile device
- e. Takes you to shopping page, all this data comes from Blockchain.
- f. You may see product that was entered with provenance details in Step 1
- g. Select any product and add to cart
- h. Takes you to payment dashboard page with 4 steps.
  1. Use Uport App → Next
  2. Request Tokens → Continue with UPort → Scan QR Code with mobile App → Approve on Mobile App → Click Next
  3. Click Approve → Scan QR Code with Mobile App → Approve on Mobile App → Click Next
  4. Click Pay # Vanig Tokens → Scan QR Code with Mobile App → Approve on Mobile App → Message confirms successful payment transfer using Ether Blockchain

\*Note: The above steps may take few seconds to couple of minutes depending on miner availability in testnet

#### 5) Complete Check out using built-in wallet

- a. Add any product from <http://mvp.vanig.io> to cart.
- b. Click sign in button on Vanig Marketplace top right corner. Type email id as "demo@vanig.io" and password as "vanigteam". Click Login
- c. In the Shopping cart screen, verify the details and click proceed to checkout
- d. Enter Shipping address and click proceed to checkout
- e. Wallet will be shown from where tokens will be transferred. Click proceed to checkout
- f. Submit the order by clicking the "Place order button"
- g. Order Confirmation, Shipping details & invoice will be shown

#### 6) View Order details in Order page

- a. Click User profile button on Vanig Marketplace <http://mvp.vanig.io> top right corner.
- b. Click order history
- c. Navigate through order page to view your order
- d. Click invoice to see the details about the order placed

## Alternative Checkout options using Metamask and Civic authentication

(Involves more steps than uPort process)

### 7) Complete Check out using Metamask and Civic

- a. Install Metamask as plugin in Chrome Browser. <https://metamask.io/>
- b. Install Civic app on your mobile device <https://www.civic.com/app/>
- c. Click Sign in button on [Vanig Marketplace](#). Choose Civic as sign on process
- d. Authenticate Civic QR Scanner using your mobile device
- e. Make sure that metamask is connected to "Rinkeby Test Network" and logged in.
- f. Takes you to shopping page, all this data comes from Blockchain.
- g. You may see product that was entered with provenance details in Step 1
- h. Select any product and add to cart.
- i. Takes you to dashboard page with 4 steps.
- j. Click step 2 to request token using metamask. Click buy button from Metamask that will open new window Rinkeby Test faucet". Upon clicking it will take you to <https://www.rinkeby.io/#stats>.
- k. Copy your Ether address from Metamask, go to google plus, Twitter or facebook to post the ether address.
- l. Copy the post links from Step J and paste under "Crypto Faucet" option in the window opened from Step(i) <https://www.rinkeby.io/#stats>. Click give me Ether
- m. Upon request completion, you may see 1000 Vanig in your metamask account.
- n. Approve token to be used in as mentioned in Step 3 using metamask approve button.
- o. Step 4 transfer purchase amount from user account to Vanig account using metamask approve button
- p. It may take few seconds to couple of minutes depending on miner availability in testnet
- q. Successful order placement message pop-up confirms successful of payment transfer using Ether Blockchain