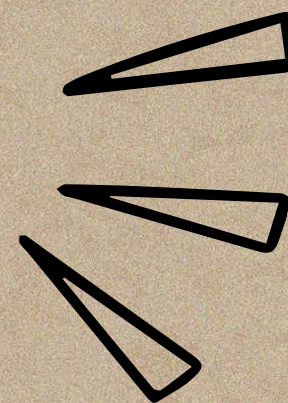




**BULK  
BLOCK**







# The team

Karthik Nayak

Udbhav Misra

Jatin Punase

Shashwat Pandey

Arush Pawar

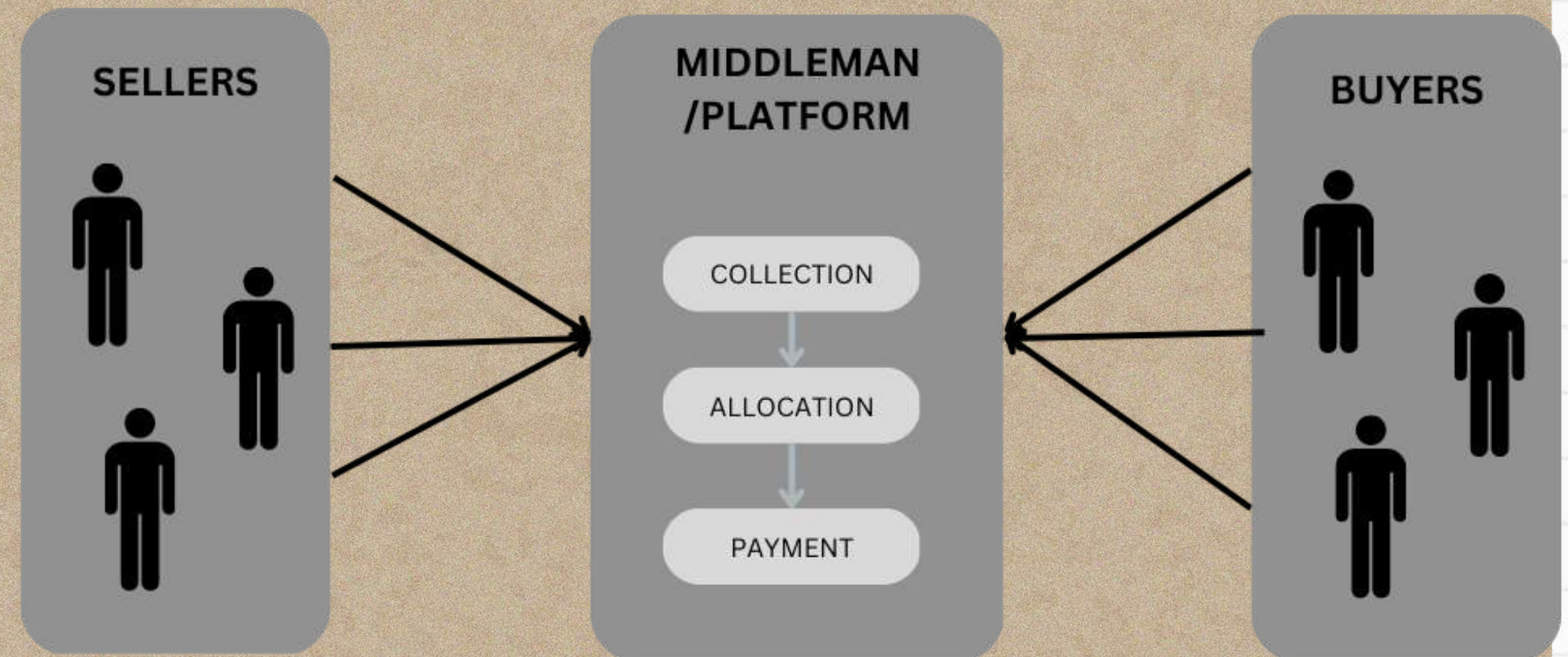




# What is Group Buying?

It is a popular business model that involves pooling together the buying power of a group of consumers to negotiate better prices and discounts from suppliers.

In the existing system, there are a lot of overheads

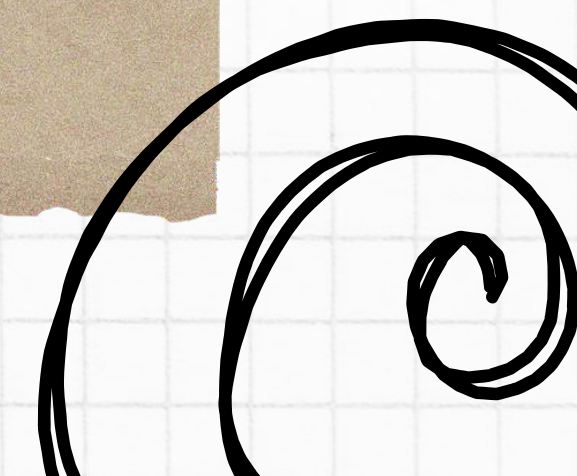
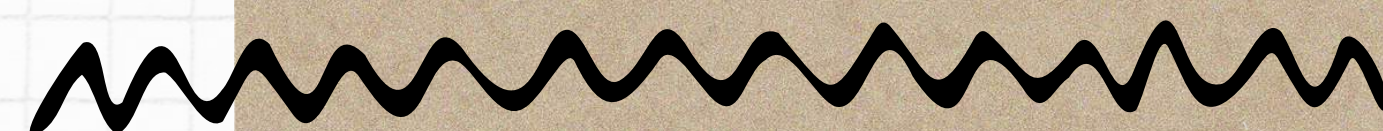




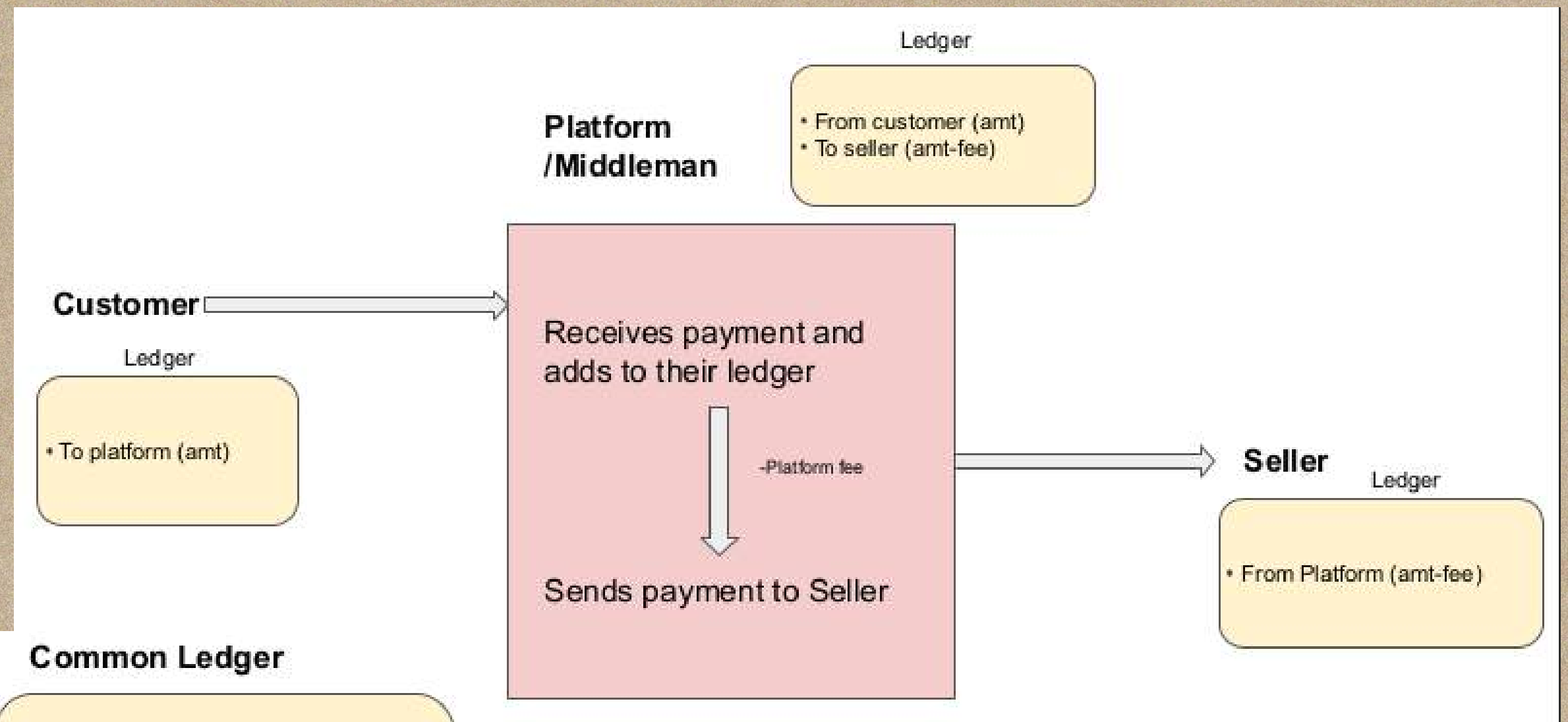
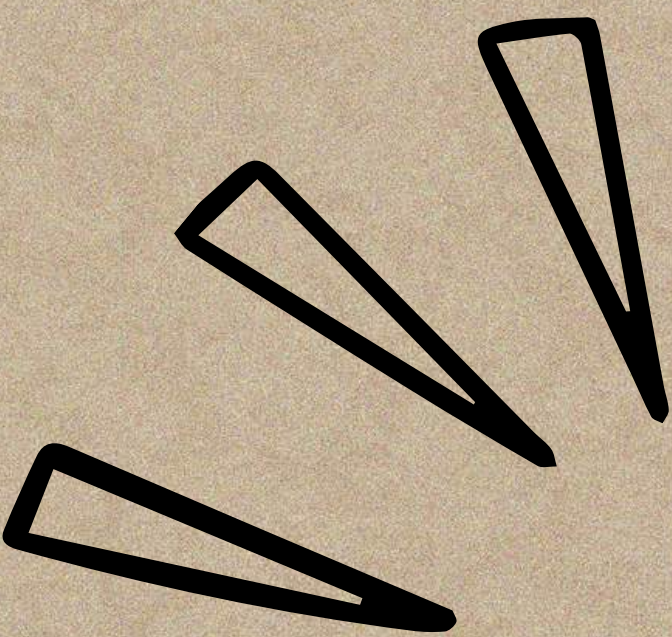


# Project Goal

Simplifying the process of group buying and reducing overhead costs of traditional systems by the use of blockchain and smart contracts to automate transactions, increase transparency and increase trust.

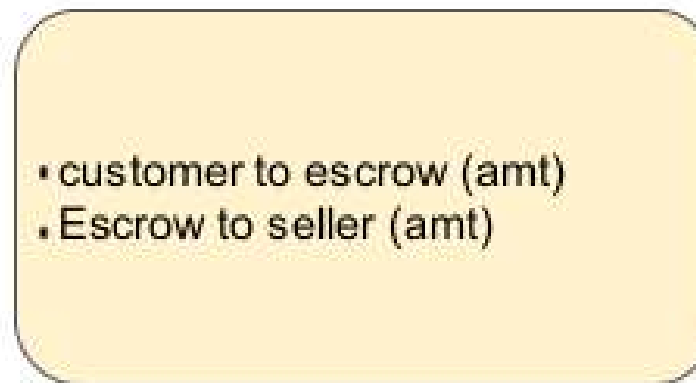




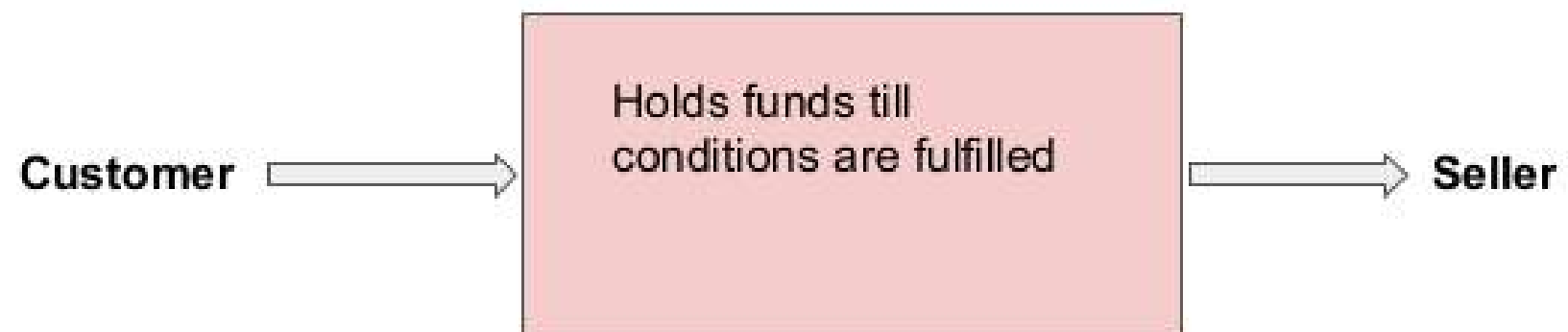


- Data consistency
- Transparent
- Automation and Efficiency

### Common Ledger





### Escrow Contract









# Tech Stack

- Solidity
  - React
  - Ether.js
  - Sepolia Test Net
- 
- 





# Drawbacks

- Immutable contract
  - Features limited by max deployable contract size
  - Still having a central point of entry for manufacturers
- 
- 





# Future Work

- Integration with identity verification and reputation systems
  - expansion of payment options
  - shareable listings
  - implementing diamond pattern for mutable smart contract
- 
- 

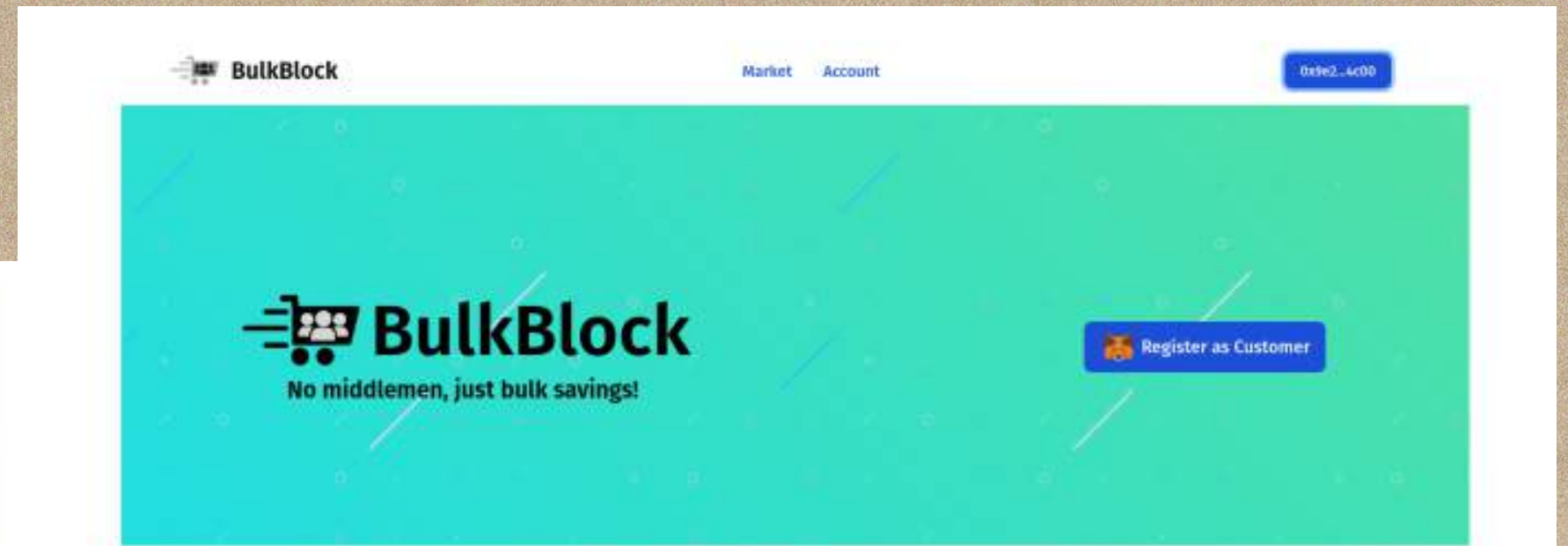


# Outcomes

**Manufacturer List**  
Details of all manufacturers registered on the blockchain.

MANUFACTURER NAME	TOTAL REVENUE	CONTACT NUMBER
himanshu	0	9112233441
Shashwat	0	8920212333

[Add](#) [Delete](#)



**Account Summary**  
Key statistics about your account

Revenue Generated	Total Earnings	Completed Listings	Customers Served	Items Delivered
0\$	0\$	0\$	0	0

[Add Listing](#) [Add Product](#)



**Listings**  
All listings by you.

PRODUCT NAME	GROUP ID	PROGRESS	ACCUMULATED PAYMENT	STATUS	WITHDRAWAL
Mango	1	0/125	0	<a href="#">Close</a>	<a href="#">Withdraw</a>
Apple	2	0/200	0	<a href="#">Close</a>	<a href="#">Withdraw</a>

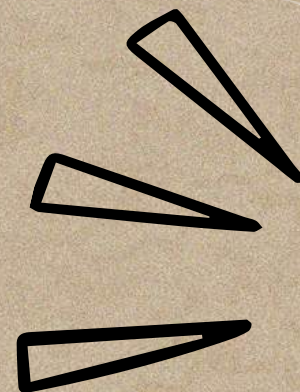
**Products**  
All of your products registered on our platform.

NAME	DESCRIPTION	RETAIL VALUE
Mango	Alphonso Mango	200
Apple	Kashmiri Apple	100

**BulkBlock** [Market](#) [Account](#) [0\\$50.200](#)

 <p><b>Mango</b> Alphonso Mango -40.0% \$120 Contact Manufacturer: / subscribed - 0 + \$0.00 total savings: \$0.00 <a href="#">Subscribe</a></p>	 <p><b>Apple</b> Kashmiri Apple -40.0% \$90 Contact Manufacturer: / subscribed - 0 + \$0.00 total savings: \$0.00 <a href="#">Subscribe</a></p>
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**Thank  
you**

