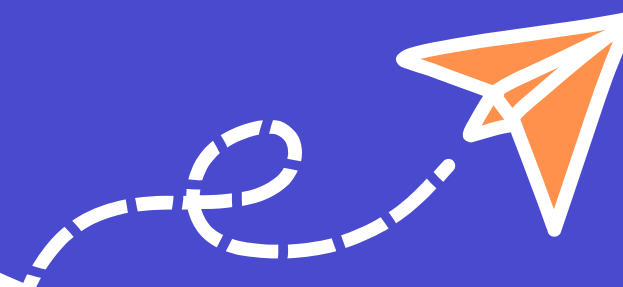




# SUPPLY CHAIN MANAGEMENT

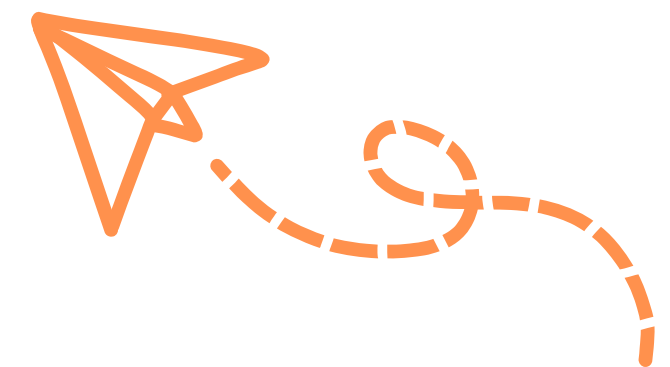
– Manage your orders systematically

Paras Gada  
Priya Gandhi  
Rushabh Shah  
Vidhi Ruparel



## Problems in SCM

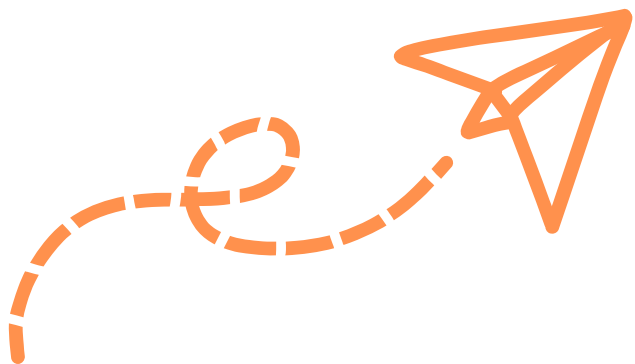
- Old physical methods of managing supply chains demand is tedious.
- There is no transparency throughout the heirarchical chain
- Minute errors in the records can lead to huge losses for the companies.



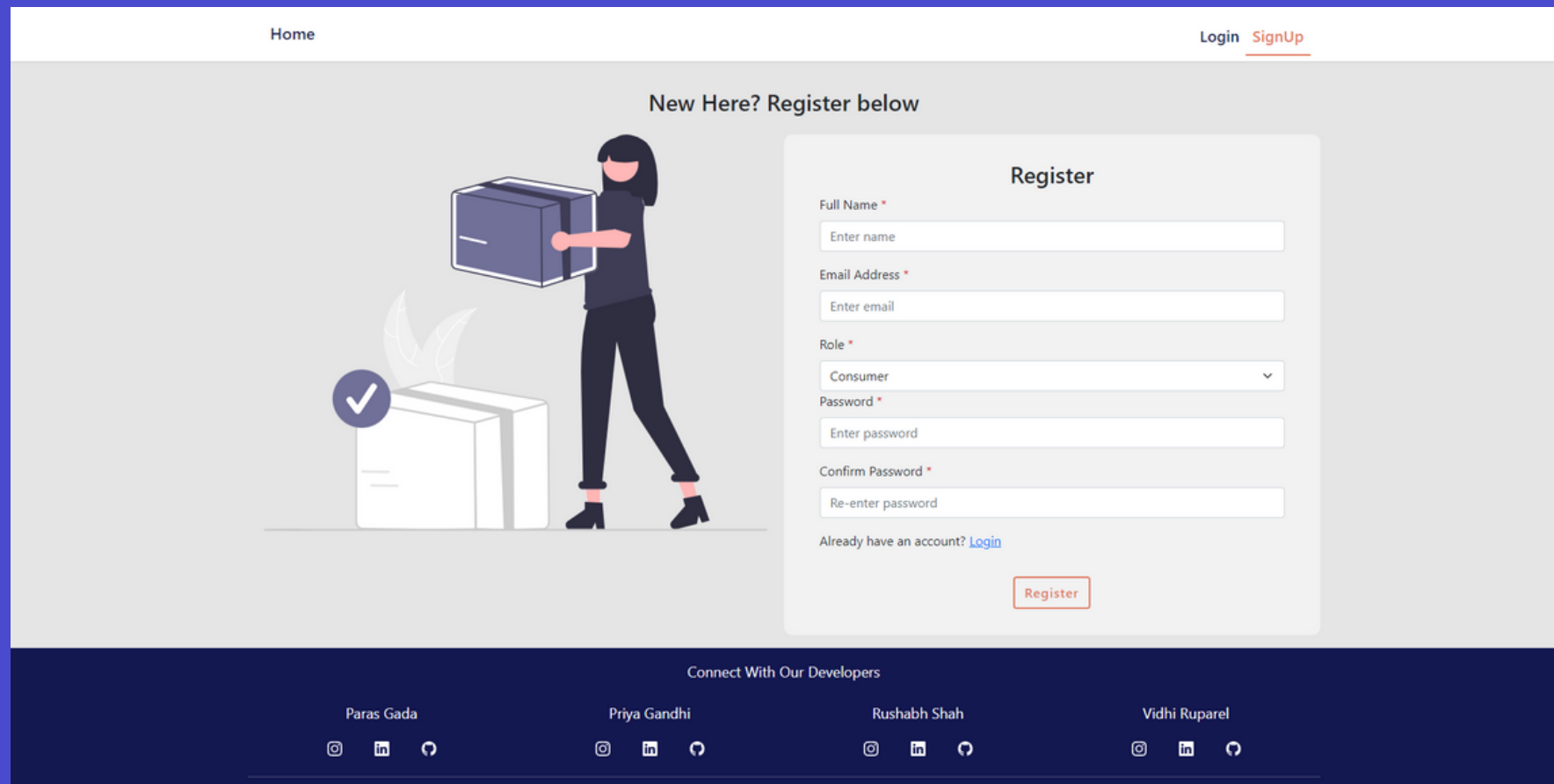


## Our approach to solve it

- Create an online website for all types of users involved where they can order and track their items.
- Data will be updated at each stage by the respective personnel
- Consumers can check the status of the order anytime.



# Authentication

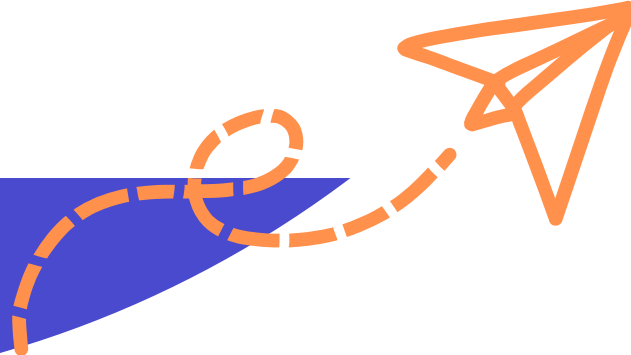


The screenshot shows a web application interface with a registration form. The page has a dark blue header with 'Home' on the left and 'Login' and 'SignUp' on the right. The main content area is light gray and features the text 'New Here? Register below' at the top. On the left side of the main area is an illustration of a person in a black shirt and pants carrying a box, with another box on the floor marked with a checkmark. On the right is a white 'Register' form with the following fields: 'Full Name \*' (text input), 'Email Address \*' (text input), 'Role \*' (dropdown menu with 'Consumer' selected), 'Password \*' (text input), and 'Confirm Password \*' (text input). Below the form is a link 'Already have an account? Login' and a red 'Register' button. The footer is dark blue and contains the text 'Connect With Our Developers' followed by four developer profiles: 'Paras Gada', 'Priya Gandhi', 'Rushabh Shah', and 'Vidhi Ruparel', each with social media icons for Instagram, LinkedIn, and GitHub.

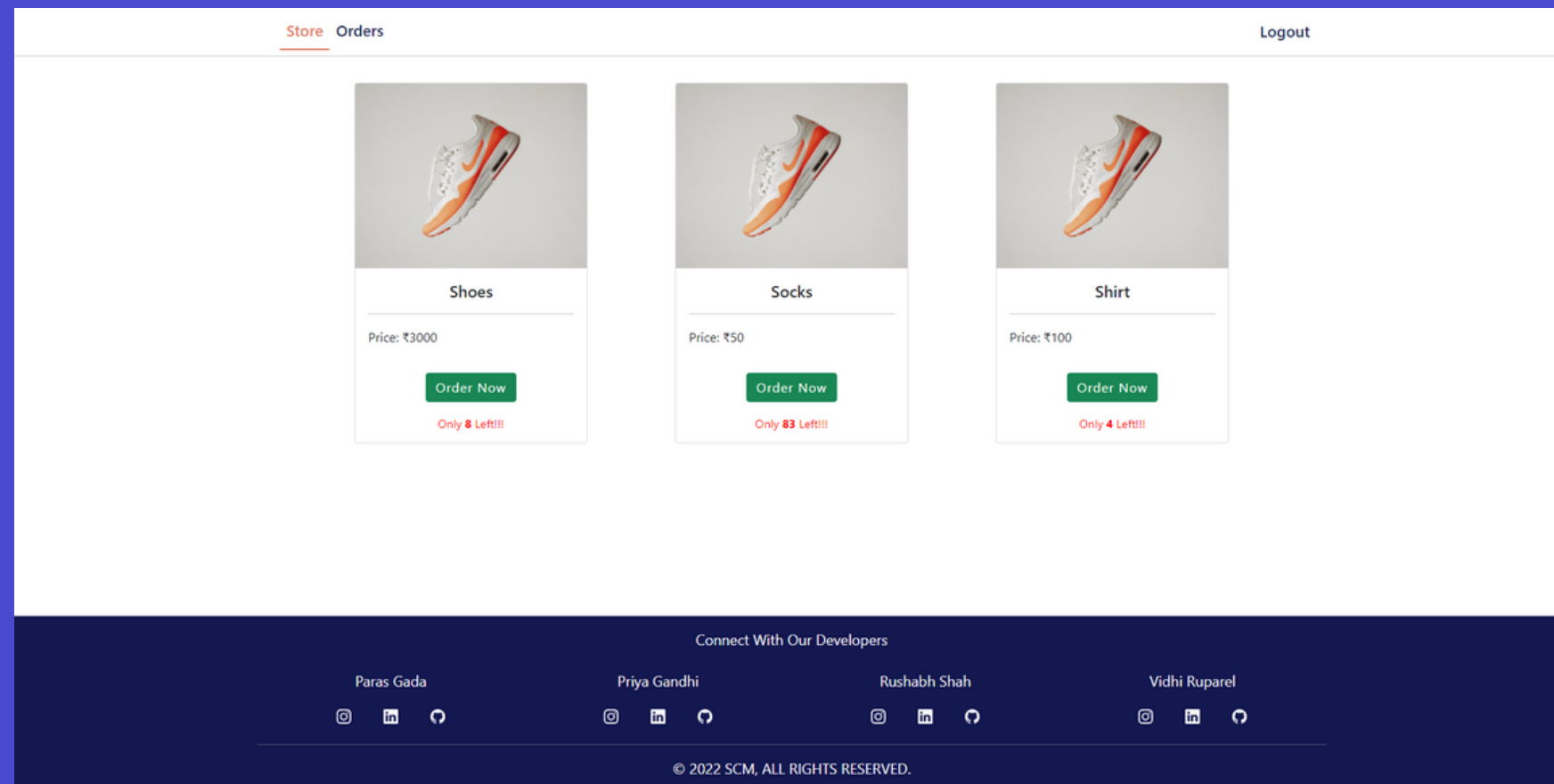
- Responsive website for all types of users (be it a desktop or any mobile).
- Role based authentication with password hashing and conditional rendering.
- Dynamic data rendering for all the types of users, as required



# Roles

- Manufacturer - Add items to the store keeps track and analysis
  - Distributor - Acts as the mediator and can update the status of order
  - Customer - Place the order and can stay updated about the order status
- 

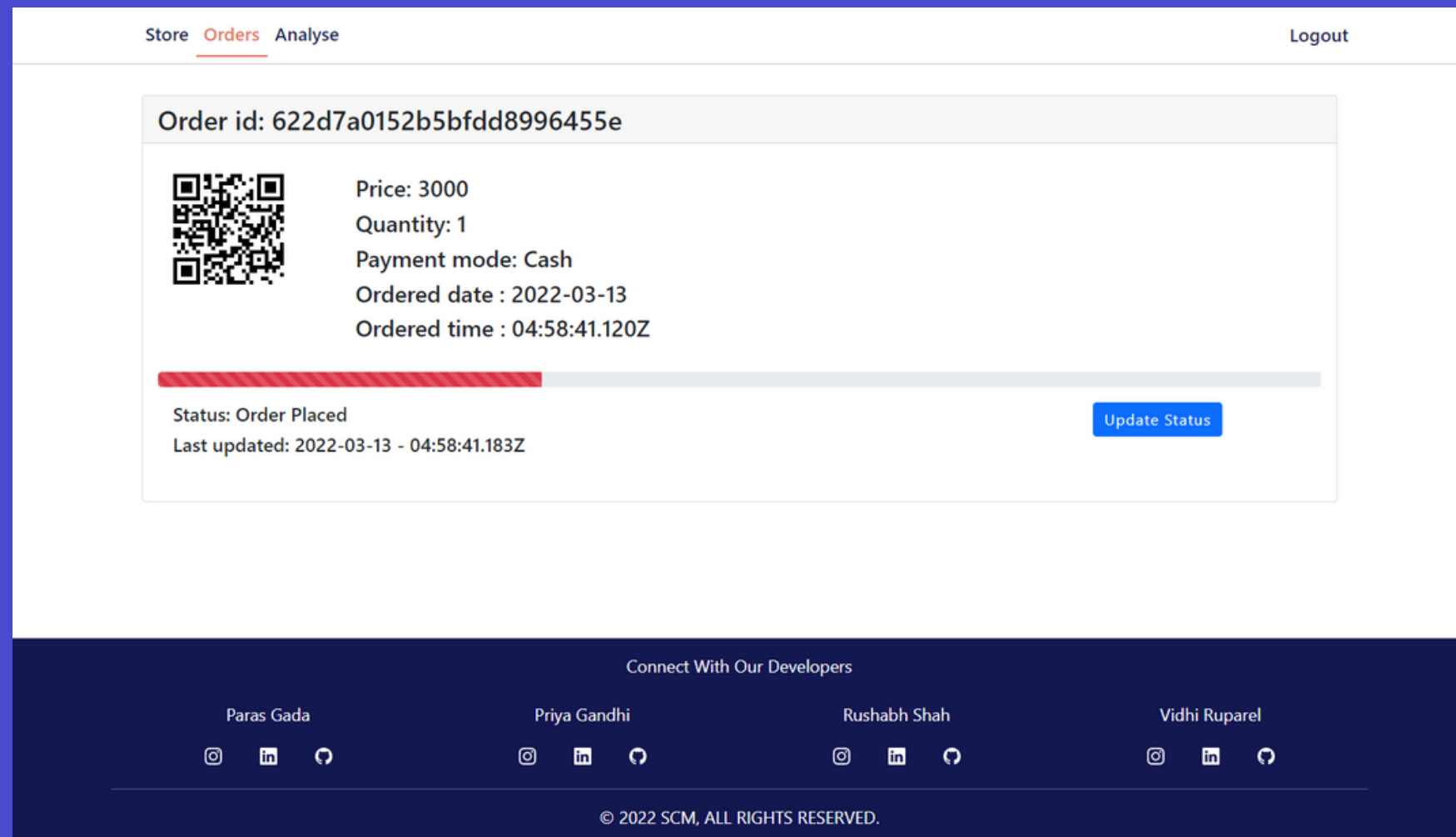
# The Store



- Manufacturer can add an item, its quantity and its price for sale on the store.
- Consumer will order an item from the store and a bill will be generated.
- Data of all the items are updated in real time.

# The order process

- Upon ordering, a bill is generated for that specific order along with a unique QR Code.
- We take in users location during Sign-up and use it to find the closest distributor from the him/her.
- The status of the order will be updated by the respective personnel using the QR.



# All Orders

Store <b>Orders</b> Analyse			Logout
OrderID	Item	View	
622d7a0152b5bfdd8996455e	Shoes		
622d7ab752b5bfdd89964575	Socks		
622d7bb752b5bfdd89964590	Socks		

Connect With Our Developers

Paras Gada

Priya Gandhi

Rushabh Shah

Vidhi Ruparel

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Customer can view all his current and previous orders on this page

Manufacturers would see all the incoming orders which he has to fulfill

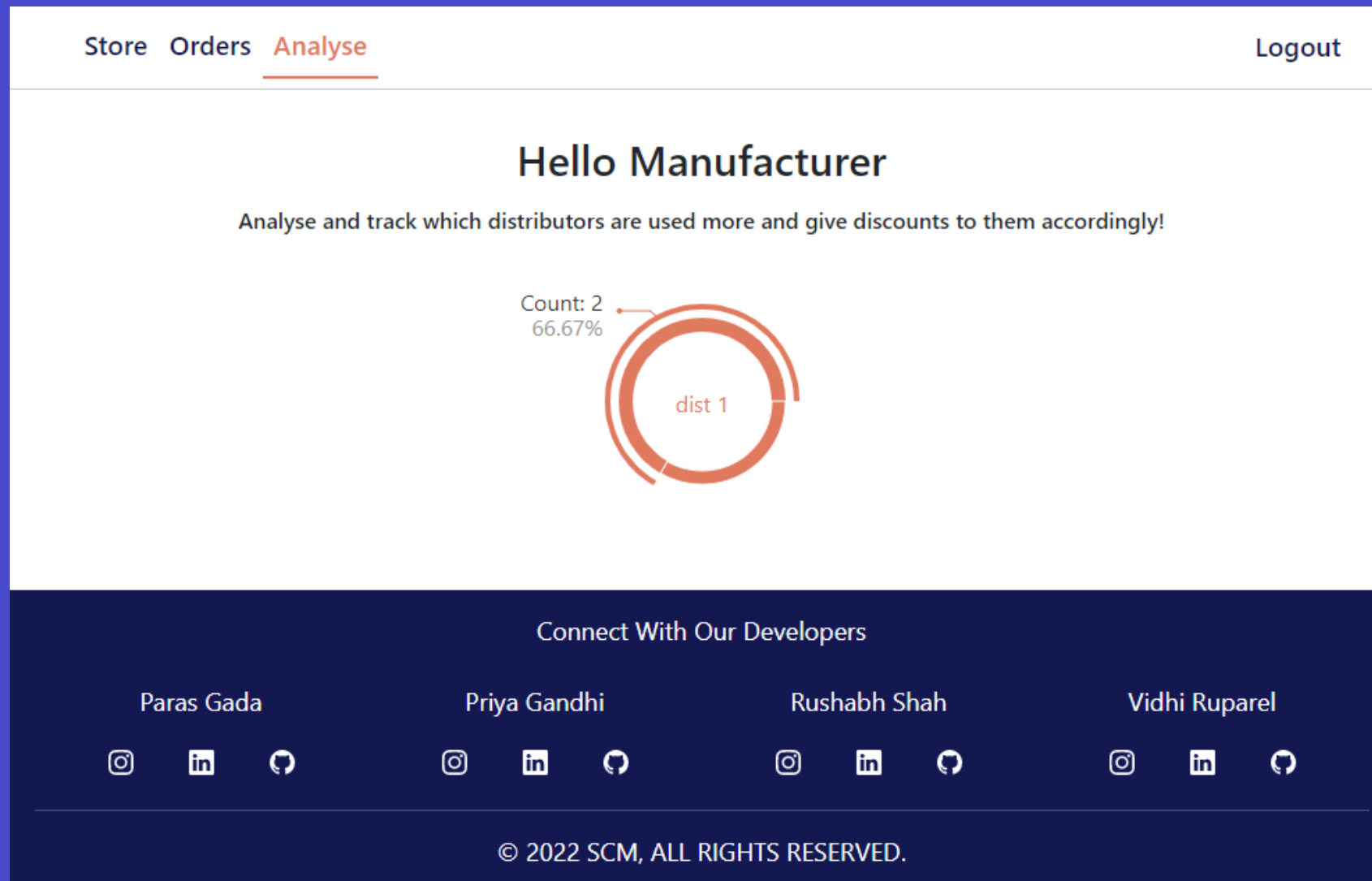
User can also view all the details of a specific order by clicking on the eye.



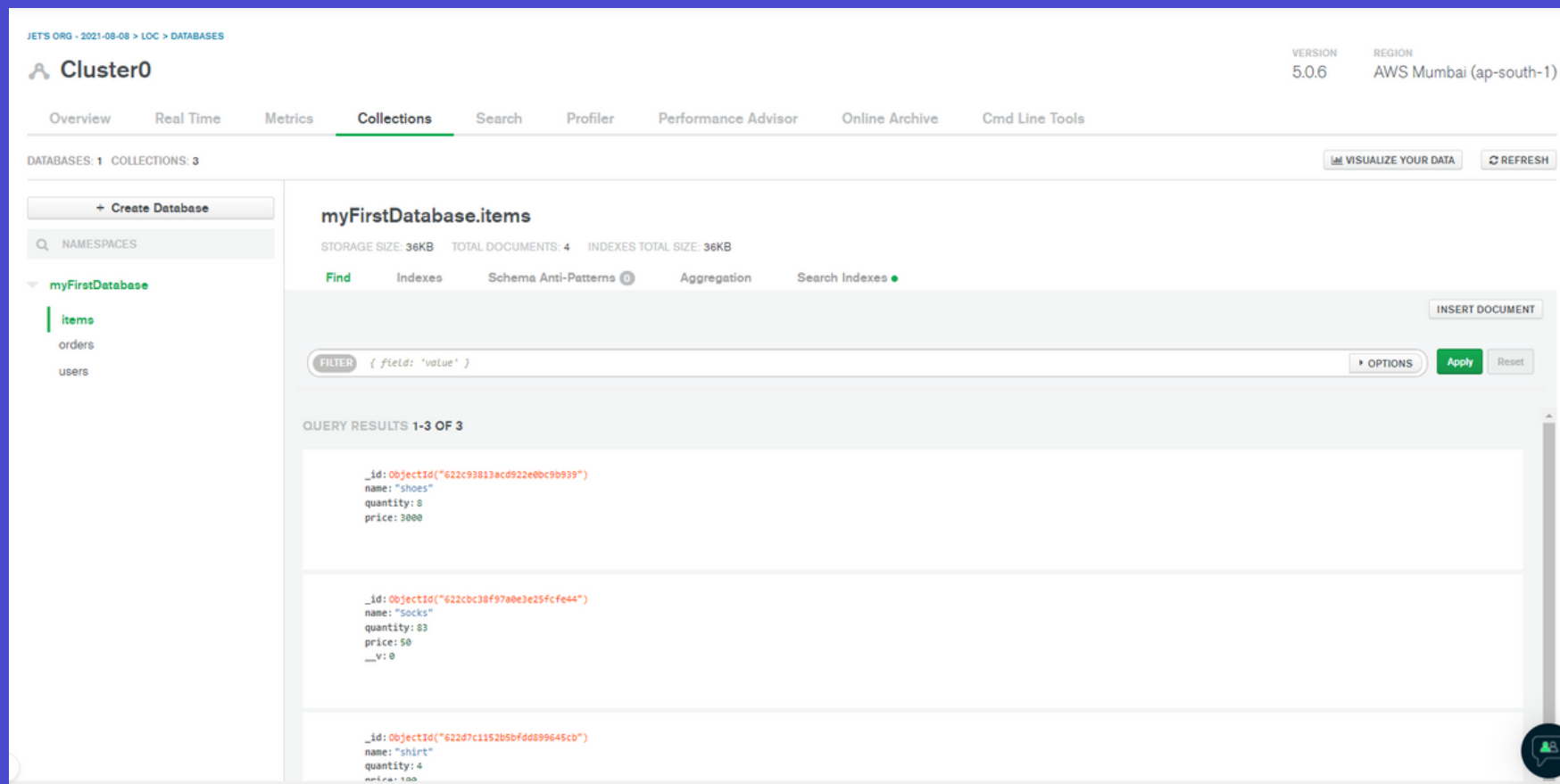
# Analysis

The manufacturer get a graphical UI of all the distributors and their records to make business decisions.

On that basis he can analyse which distributor has to deliver more orders and the density of consumer's location



# Our Data warehouse



- We have used NoSQL MongoDB Atlas for live data manipulations from anywhere around the world
- CRUD operations can be easily carried out
- Mongoose is used to provide Schema structure to the data stored in database



## Future Scope

- We are planning to add a payment module along with a cart feature for consumers.
- Analysis of consumer traffic based on geolocation.



# Thank You!

– Chilli Flakes

