Milestone 1 – Features

NOTE:

* Those in green are the features.
* **Admins** in this context refers to the users managing the platform which I will name ‘Soko’. So basically, they are the users that advertise and manage products for ‘Soko’, which is different from Suppliers who sell through the ‘Soko’ platform and do not send their products to our warehouses or fulfillment centers.

1. Orders placed

**Description** – to retrieve the orders that have been placed on a product or products and the users that placed those orders.

**Data required** – product/products name or information an order is placed on, the time the order was placed, the order status, the order amount, the delivery service, information about the customer who placed the order and the order state i.e., if the order has been cancelled or not etc.

**Users** –

Admins, Customers and Suppliers.

**Purpose** –

**Admins**: might want to know how many orders have been made on the platform up till date, they may want to know those that were successfully Fulfilled, the number of orders that were cancelled and by which customers etc.

**Customers**: might want to have a history of their orders including the amount spent on each order, the total orders they have placed, basically their order statistics.

**Suppliers**: might want to know their highest selling products, the amount they have made so far on the platform, their average orders per month and other similar metrics etc.

1. Customer cart

**Description** – to retrieve the items in a customer’s shopping cart and the total cost of those products.

**Data required -** product or products added to a cart, the time the products were added, the cost of each product etc.

**Users** –

Admins, Customers.

**Purpose** –

**Admins**: will want to send reminders to customers about the products in their shopping cart so that they can purchase them before they are no longer in stock, they may also want to keep a record of the products customers are mostly interested in or at least adding to their shopping carts etc.

**Customers**: add products they want to buy in their shopping cart for later purchase, after browsing through different products or when they have enough money. They may also want to view the items in their shopping cart.

**Suppliers**: might want to know their highest selling products, the amount they have made so far on the platform, their average orders per month etc.

1. Profitable locations.

**Description** – to find the countries or cities where a bulk of orders are coming from.

**Data required** – products or product names, product locations, the number of orders that were placed on those products.

**Users** –

Admins.

**Purpose** –

**Admins**: might want to know which locations are the highest selling so that more products will be moved to the warehouses or fulfillment centers in those locations and minimize moving products to least selling locations.

1. Rated products

**Description** – customers want to find the products that are highly rated to help them make a better judgement during purchase and admins also want to filter out those suppliers that should be discontinued from using the platform due to lowly rated products and bad reviews.

**Data required** – product name or information, Supplier information, rating values to help find the average rating.

**Users** –

Customers, Admins.

**Purpose** –

**Customers**: want to know which products are highly rated to help them in their purchase decisions and avoid those products from suppliers with low ratings or bad reviews.

**Admins**: want to know the highest rated products to recommend to other customers and to find the suppliers with lowly rated products and bad reviews to help filter out suppliers abusing the platform and as such, help retain and attract more customers on the platform.

1. Stock quantity

**Description** – to find the quantity of items in stock for a particular product.

**Data required** – product name or information, stock quantity value, date added.

**Users** –

Suppliers, Admins.

**Purpose** –

**Suppliers**: might want to know the number of items they have in stock for a particular product or if they no longer have a product in stock to increase its quantity. They may also be interested in knowing how fast a particular product is selling.

**admins**: similarly, may also be interested in knowing the number of items they have in stock for a particular product or if they no longer have a product in stock to increase its quantity. They may also be interested in knowing how fast a particular product is selling.