**Distributor/ Dealer/ Wholesaler App**

*Purpose*

This application will be used by Distributors/ Dealers/ Wholesalers (we will call them **The Supplier**) and the Retailers (we will call them **The Buyer**). A third type of buyer is there, who is not a retailer but an individual customer (we will call them just **The Customer**)

Currently, **The Supplier** has different sales people, who travel to different locations to collect orders. For example: Assam Computers, Guwahati is the seller and City Digital – Jorhat, Computer World – Tezpur etc. are **The Buyers**. The sales person visits all these locations and collects order manually (writes them in a diary). We will minimize or completely remove this process, by taking orders online, using this application.

**The Customer** is a single entity or person, who can order and buy products online using the application. **The Customer** always buys products at MRP.

**The Supplier**, will use the application by adding and listing their line of products. He will select a Category (Clothes, Grocery, Electronics etc). After selecting the Category, he will select a sub-category (say) Jeans, Rice, USB Stick etc. He can also add a sub-category, if it is not present.

After the category and sub-category selection, he will add a title, description, price, photo etc. for each and every product. In this way, we can show a full product list of this Seller. **The Buyer** on the other hand, can see all the product list with photos, what **The Supplier** is offering. He can directly place an order to **The Buyer**. He can send a query message for any product. He can also send a full message (max. 2000 chars). **The Supplier** can see the Orders, Message, Queries etc., when he is logged into the Application.

In this version, there will be no payment gateway integration.

Every Buyer, Supplier & Customer will have a unique computer-generated id., and the name of their business. User can search any business by using the Id. or the Business Name.

*Technology*

The application will be developed on a Linux Cloud Server.

Languages/ Framework: Laravel for the Back-end, Lumen API, MySQL

Front-end technologies: Typescript, VueJS (Vuetify, Vue Material design), HTML5, CSS3, Bootstrap (100% Responsive). Font type throughout the website is “Lato – Regular, Bold, Heavy”. Preferred colors throughout the Website.

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Unit testing is a must. A docker container will be setup for deploying the project. All codes will have to be pushed regularly into a Version Control System (GITHUB).

The application will be used mainly as a Mobile App. Therefore, a different team will be developing the Mobile App front-end. The team will only use the API to deploy the mobile app. However, the application can also be accessed in any Web Browser.

*Layout/ Design*

The layout needs to be 100% responsive. Here are some examples for your reference (<https://webflow.com/ecommerce> <https://ceremonycoffee.com/> <https://www.etq-amsterdam.com/>).

<https://www.franchisedirect.com/>

Below is the design layout for the Web Application.

**MENU (For Sellers)**

Profile

Change Password

Preferences

Products

Quick Product Upload

Image Gallery

Retailers

Help & Support

Log Out

**MENU (For Buyers)**

Profile

Change Password

Suppliers

Order History

Clients

Help & Support

Log Out

**HOME**

*Home.jpg*

This is the home page for all

**PRE-SIGN UP**

*Pre-signup.jpg*

When User clicks on Sign Up, this is the page that he sees. User has two options to register. Sign Up is very Simple – just Mobile Number and Password is required. An OTP will arrive in the Registered Mobile Number – see *verify.jpg*

**PROFILE**

*Profile.jpg*

Users cannot do anything without completing their profile. If profile is incomplete, then User will always be forced/ redirected to the Profile page.

**PREFERENCES**

*Preferences.jpg*

The Seller can set his/ her preferences from this page.

1. Customer Type – Who are your customers? Options: Select, Only Retailers, Individual Customer, Both
2. Visibility – Would you like your products to be visible to everyone? Options: Yes, No
3. SKU – Would you like to maintain a Stock Keeping Unit? Options: Yes, No
4. Product Code – Do you want to show Product Codes for your Products? Options: Yes, No
5. Display Rate – Would you like to show rate of your products to retailers? Options: Yes, No
6. Display MRP – Would you like to show MRP of your products to retailers? Options: Yes, No.

The Display MRP is dependent on (1) **Customer Type** (Conditional Statement)

1. If User has selected **Customer Type** as “Individual Customer”, then we do not show this preference choice. It will be assumed that Display MRP is always YES.
2. If User has selected **Customer Type** as “Only Retailers” OR “Both”, then we show this preference choice “Would you like to show MRP of your products to retailers?”.

In other words, the System wants to know, whether it should Display MRP to retailers or not. For customers, Display MRP is always YES.

1. Category – You can create different categories to group your products. Ex: Rice (Basmati, Joa etc), Shirt (Cotton, Denim, Polyester etc.). We will also create Sub-Category here, instead of the add-product page.
2. General Info/ Message

**Add Products**

*Add-products.jpg*

The Seller will add his products from this page.

**Categories & Sub-Categories** – If this User has Categories set in his/ her Preferences, then the Category Drop Down will appear with all categories pre-filled.

If the User has no Categories set in his/ her Preferences, then this Category drop down will not appear.

**Product Code** – Product Code field will appear, based on Users preferences.

*\*If User has not made any selection in* ***Preferences****, then this field will be Visible by default.*

**Product Name** – This is the name of the product. Text String (255 chars). Ex: Rin Bar

**Product Description** – This is optional field. Text Area (Max. 600 chars).

**Upload your product photo(s)** – User can upload a maximum of 5 photos. Each photo Should be less than 20 MB in size. Allowed file Formats are jpg, jpeg, gif, png, bmp.

**Add from Gallery** – There is a Menu item called “**Image Gallery**” for Sellers. Seller can upload images at random from their machine. So, next time user does not have to Upload the product image, because it is already available in the “Image Gallery”.

**Add Unit** – Add Unit field is a text string (255 Chars). Ex: Rin Bar 100 gm.

**MRP** – The visibility of this field is dependent on User Preferences. This is described in detail above under **Preferences # 6**.

*\*If User has not made any selection in* ***Preferences****, then this field will be Visible by default.*

**Rate** – This field will appear if User has selected “Yes” for Display Rates.

* This field will not appear if User has selected “no” for Display rates

*\*If User has not made any selection in* ***Preferences****, then this field will be Visible by default.*

**MOQ** – Minimum Order Quantity is always visible and the default value is 1.

**Available** – **Available** field has two options “Yes” or “No”, indicating, whether the product is available or not.

**Stock** – The visibility of this field will depend of User **Preferences** # 3 (SKU).

*\*If User has not made any selection in* ***Preferences****, then this field will Not be Visible by default.*

Beside every line, there is a **Help?** Icon. User can click this to open a pop-up. The pop-up will contain Help text content. The pop-up will have a Close button at the top right. The pop-up can also be closed by clicking outside.

The **Plus** icon will allow the User to add another Unit. Ex: Rin 500 gm.