

## About Project

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The objective of this project is to develop a website that will help people to purchase products through the website by putting the product link that they want to buy in an order form and place the order. The user can purchase and ask for shipping of the products. To make an order, the user should have sufficient amount in their **WALLET** which users can top up further using bank transfer or credit card. On the other hand, the admin will manage the whole website and manage the orders.

## Scope

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The scope of the project is to develop following components with the features/functions listed in next section.

- Website for users
- Web Application for Admin

This would include –

- UI Design
- Development – Website
- QA
- Deployment
- Post Delivery Support

# Functional Requirements

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This section covers all the features of different components we are going to develop.

## User website

### Home Page

#### Header

- Register
- Login
- Reviews
- Cost calculator
- Service charges
- Exchange rate
- Status Tracking

#### Middle section

- Search item
- Product listing

#### Footer section

- About us
- Contact us
- Privacy Policy
- FAQ

## Category of the product

Here the user will see all the categories of the products that have been fetched from alibaba, the user will choose a category and view all listed products.

## List of products

Here, the product listing will be shown with all specification. The buyer can select the product and quantity and add to cart.

## My cart

The cart will show all the products with an option to buy by making payment through the wallet. It will show all the product listing with the quantity. The user can change add/reduce the quantity and can also remove the products from the cart.

## Login

- When a user visits the website they will see an option to login to the website and get access to all the features.
- Whenever the user visits the website, the login option appears unless the user has already logged in and chosen to remain logged in.
- To login, the user needs to enter his email address as username and his password
- Underneath these fields, there is a link to sign up ('No account yet? Sign up here!'), and another link to reset the password
- If the user is new, he can sign-up by clicking on the sign up link ('No account yet? Sign up here!' - see below sign up process)
- Forget password: The password could be recovered by registered email id.

## Registration

The user signs up by clicking on the 'No account yet? Sign up here!' link from the login page. User can

A pop-up window appears to enter the following information:

- First name
- Last name
- Username
- Email address
- Password
- Re-enter password

After signing up, the user will see option of dashboard on home page.

## Order Placement

### Only Purchase Order

With this option, the buyer can place the purchase order only. They can either share the seller name or the link of the website where they want to make the purchase. The following details would be shared by the user:-

- Seller name or link

- Amount to pay to the supplier
- Phone number of the supplier

After adding the order to cart, all the cart items will be shown on the same screen with an option to place the order by making the payment.

- Seller name and other details
- Amount to pay with taxes
- Option to delete product
- Option to place order

## **Purchase and Shipping Order**

With this module, the users will be able to place the order for product purchasing and shipping. They are able to make an order by sharing the product link along with the details. The following details would be asked from the user:-

- Website name: To choose from dropdown that website use to purchase product
- Product link: Enter the product link of the item want to purchase
- Unit Price: Enter the unit price of the product
- Quantity: The quantity to purchase
- Product Option: Other details like color and size
- Seller phone: Enter the seller number if necessary

After sharing all the details, the user will add the product to cart, that would also be shown on the page with a listing of all current cart items.

### **Cart View:**

The cart will show all the products put into purchase list and from here, the user can delete the products or place the order by selecting all or selected products.

## Place an order

To place an order for all or selected products, the system will check whether the buyer has sufficient balance in his wallet. There would be two conditions:-

- If the user has sufficient balance in his wallet, the order will be successfully be placed and amount will be deducted from the wallet
- If the user don't have sufficient balance (less than order value), they will be notified to add the amount to their wallet and make purchase.

## Shipping Checkout

The section would show the list of all parcels that are currently purchased or have in china office. From there, the user can select the items they want to ship and then place the order for shipping. Once the admin receive the shipping request, they will arrange the shipping. The page will show following details:-

- List of items
- Ref ID
- Product link
- Quantity
- Weight of the item
- Customer charge
- Additional charge

## Calculate shipping cost

With this feature, the buyer would be able to calculate the shipping charges by selecting the item(s) that are ready to ship out. Once the buyer select the item(s) they can select the address and shipping method to calculate the delivery charges, The following fields would be shown:-

- Receiver name: User default name will be shown that could be changes
- Receiver Phone number: User default name will be shown that could be changes
- Receiver city
- Receiver country
- Shipping method: drop down to select

## Status Tracking

On this page, the user will be able to track the status of their ordered product and shipping. Each product

will have their product/reference ID which they can use to check the project status. The status could be tracked for product purchasing and shipping.

The user will have to share the following details:

- Tracking ID
- Search type: Product or shipping status

**Tracking detail:** Here the user will see all the details of the product along with the status.

## My wallet

### Account balance

It will show the current balance available in the user wallet along with the most recent transactions.

### Request withdrawal

With this option, the user can request the withdrawal of the amount currently available in his wallet. To make withdrawal request, the user will need to share following details:-

- Payee name
- Account name
- Source name: to select the bank
- Withdrawal amount

**List of withdrawal:** On the same page, the user can see all the withdrawal requested to the admin.

## Top up wallet

The user will be able to top up their wallet by adding the money. The following option will be provided to add money:

1. By credit card: Using payment gateway they can instantly top up their wallet. The page will redirect user to 3<sup>rd</sup> party payment gateway page to make payment.
2. By bank: There will be a list of banks that the platform will accept to make payment. Once the user makes payment, they need to fill the payment form to notify admin about the sent money.

## Payment Notification Form

If the user chooses to make payment via bank, he needs to fill the form that will acknowledge admin about the payment.

- Payee Name
- Amount paid
- Currency
- Bank paid to

- Date paid

Once the admin approved the payment paid to the bank, the user wallet will be credited with the requested amount. On the same page, the notification will be shown about will deposits along with detailed history.

## Order History

The page will show all the order places along with their status. The following details would be shown for each order:-

- Thumbnail image with link: Redirect to 3<sup>rd</sup> party product page
- Ref ID: By clicking redirected to item detailed page
- Type of purchase
- Status: The status would manually managed by admin
- Quantity
- Unit price
- Total price
- Delivery free
- Service fee
- Sub total
- Item weight

Filter Detail: The user can also filter the results using following filters:

- Using Status
- Date: from-to

## Shipping history

Here, the user can view their shipping status with the following details:-

- Shipping ID
- Ship type
- Date shipped
- Estimated arrival date
- Weight
- Total Parcel
- Reach destination
- Date reached

The details will be managed manually by the admin

## Transaction History

It will show all the transaction history with the following details:

- Current balance
- Initial balance
- Credit
- Debit
- Reference
- Date

## Generate ticket

With this section, the user will create and manage the tickets in case they have any query or issue with the platform or any of their order. The options available:

- All tickets: It will show all generated tickets with status and last reply.
- Create ticket: The user can create new ticket showing their issue. Note:

3<sup>rd</sup> party API/Plugin will be used for ticket management

## Affiliate Manager

The section will show the unique referral link which user can share with other users to get 1% of their expenses by placing any of service order.

It will show their total referred users and earned history.

## Notifications

It will show all the notification for following cases:-

- Event notification:
  - Product arrival
  - Balance deduction
  - Balance top up
  - Ordered placed
  - Payment notification
- New notification: Whenever any news is posted

## Reviews

With this option, the user would be able to view all the reviews posted by the other users and have been approved by the admin. The following details would be shown:

- Picture of user
- Name
- Date and time
- Start ratings
- Review

## Content Pages

### FAQ

The page will show all the FAQs that have been managed by the admin. Each FAQ will have detailed page with detailed content.

### Services Charges

The page will show service charges for all type of orders.

### Exchange rate

Here, the exchange rate would be checked by the users. They can see the exchange rate from naira to dollar and vice versa. Third party API will be used to show real time exchange rate.

## **Cost Calculator**

With this, the user can calculate the purchase charges as well as shipping charges as per the chosen location.

## **My Profile**

This option leads the user to:

**'My Profile'**:View or edit his personal

- First and Lastname
- Unique id
- Email address
- Phone number
- Country
- Account balance
- Registration date
- Password
- Add/update image

**'Exchange rate'**: View today's exchange rate (dollar to Naira)

Note: API would be used

**'Recent News'**: It will show all recent news posted by the admin along with the following details:

- Subject
- Date published
- Reading Status

Detailed news page: When user clicks on subject, it would redirect him to detailed news page with text.

## Admin Roles

### Login

Admin will log-in by username and password. Once logged in, the administrators are redirected to the main page.

### Dashboard

Admin will be able to see some key stats on dashboard, with an option to filter data on the basis of dates

### User Management

Admin can navigate to this tab as follows:

- Manage Users (Add/Active/In-Active/Edit/Delete)
- Ability to sort & search all Users
- Ability to view complete profile of Users including
  - Name
  - Phone Number
  - Email Address
  - Other details

### Order management

The admin will view and manage all the orders received by the customers. The following orders can be managed:

- Purchase orders
- Purchase and shipping orders
- Shipping orders
- Website orders

### Order status management

The admin will manually manage the orders and status of each orders whether the customer product has been received, pending, delivered or in progress

### Ticket management

Here the admin will receive all the tickets and reply to the same. The admin will have the ability to close or delete the tickets.

## Wallet top up management

The admin will receive all top up request by the users. After getting the payment request, the admin will manually top up the user wallet.

## Notification Management

Admin can manage notifications as follows:

- Send notification to all / selected users on the platform
- System auto notification

## Affiliate manager

Here, the admin will manage all the users and their affiliated links. The complete report will be shown here with all referral links and earning.

## Static Page management

Admin can manage:

- Add/Edit About Us Description
- Add/Edit FAQ Description
- Add/Edit Terms and Conditions in the application
- Add/Edit Privacy Policy of the application
- Receive Contact Us Message from Users
  - View User's FullName
  - View Email Address
  - View Message

## Assumptions

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- The system will be using the Alibaba API to fetch the products from alibaba to our website in a categorized manner.
- We will develop the crawler that will crawl the data of other china website such as 1688.com, taobao.com, aliexpress.com (initially considered these 3)
- The shipping and the status would be managed by the admin manually.