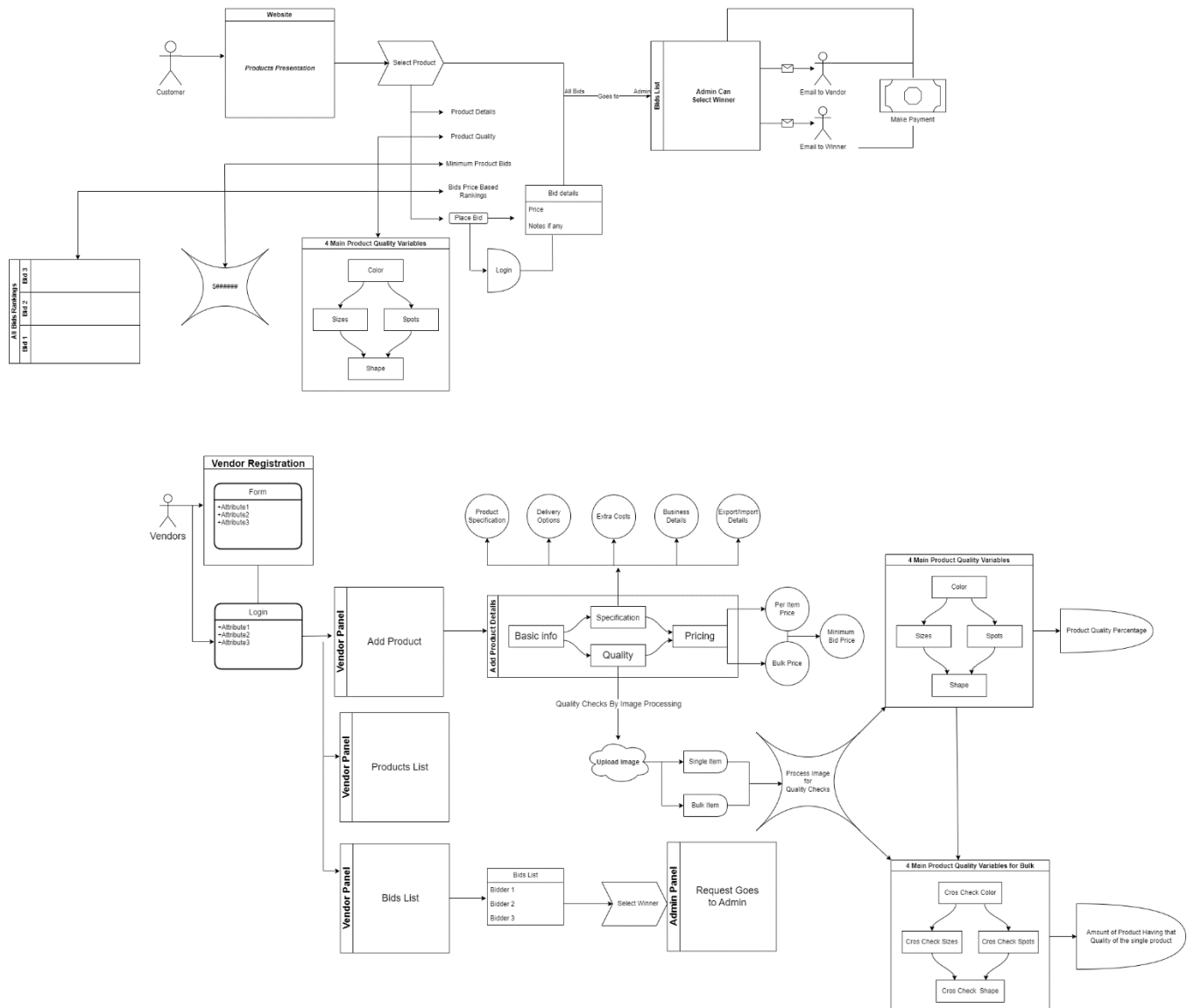


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PROJECT INITIATION SRS

USER FLOW

KRISHI MULTIVENDOR ML PROJECT → Primary User Journey



OVERVIEW

Need to create a web application that is a bids based multivendor platform. The users will be buying products by bidding on the products. Most of the customers are actually wholesaler in real life.

Vendors are the farmers who really produce the products from the ground level. And then they submit the products with real pictures and detail. After submission admin will verify the product details and Application AI will decide the product quality from pictures.

After the verification process is done product will go live and after wards it will be visible in the live website. And once the product is live in the website it is open for customer to place bids.

All of the bids will be listed open in the product details page and that will be listed based on the bids price. And the rank will decide mostly the winner of the product. Every product will have individual buying terms and conditions. Different product might have different delivery options, documental requirements and specifications.

VENDOR PANEL

The application is going to be built focusing on the farmers and natural food producers. Therefore, the rules and the registration will follow that pattern.

To become a vendor in the platform, farmers/producers must register first and then verification process will be done by admins. While registering we are going to collect the following information.

- Full Name
- Date of Birth
- Email
- Phone number
- Address
- Business name
- Business address
- Business size (Number of Employees)
- Profile picture
- Address verification Document
- Business Document
- NID document
- Nationality

Once the vendor is registered, registration details and documents will go to the admin. And admin will verify the details and approve the vendor to start doing their business. Once the vendor is approved, there will be an welcome email sent to the vendor, and afterwards vendor can start selling the products or list there products.

In the vendor dashboard, there will be the following features.

- Manage products
- Add products
- Manage bids
- Manage customers
- Sales
- Purchases
- Reports
- Messages
- Notifications

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Add Products: When adding a product there will several information to be collected in 4 steps. All of these 4 steps will be the following which are also described in the diagram.

- Basic Information
- Specification
- Quality Determination
- Pricing

Basic Information will have the following information to be collected.

- Product name
- Product category
- Product type
- Production date
- Expiry date
- Quantity

In Specification section we have to collect the following information...

- Product Specification & Description
- Delivery Options
- If Extra Cost Other than Pricing then describe.
- Available for Export or Not
- If Available Export License
- Product Quality Certification (If Available)

In Quality section we have to collect the following information...

- In quality section we have to upload a single product image, system will process the image and check the following parameters of the product which are... 1. Size 2. Color 3. Shape 4. Spots
- Based on the product quality system will determine the product quality in 3 levels. And the quality levels are 1. Natural Perfect (Best) 2. Organic (Medium) 3. Preserved.(Average) 4. Unqualified
- After checking the single product, the bulk product image will be uploaded. And system will verify the products with single product quality image. 90% of the product quality decides the final product quality.
- Once system recognizes the quality and defines it processes to the next step and if it goes to the Unqualified category then it becomes rejected.

In Pricing section, we have to collect the following information...

- Price per Unit
- Price as a Whole
- Extra Cost (if Any)
- Describe pricing details
- Vat/Tax

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Manage Products: In manage products section we will have all of the product lists with the viewing options, editing options and delete options.

Manage Bids: All products that goes to live, user can bid on that. And all of the bids list based on products will be listed in the manage bids module. Where vendor can reject a bid or approve a bid and also can see the details of the bids.

Manage Customers: All of the customer who have bid and who have final purchased will be listed here. And vendor can view, edit, or delete the customers from his customers list.

Manage Sells: All of the sales will be listed here. And vendor can view, edit, or delete the customers from his customers list.

Manage Purchase: A vendor not only can sell but also can purchase goods from the site, therefore, vendor will have the list of purchases of the in this module.

Manage Reports: All of the sell and purchase reports, bids reports, products reports will be here with graphs and charts.

Message: A customer can message a seller and therefore vendor can directly chat with the customer.

Notifications: All of the activity from the customer and to his product will be in the notification list.

CUSTOMER JOURNEY

The website will have the following pages

- Main Landing Page
- Shop page
- Single Product Page
- Details Bid listing page
- Category wise product page
- Checkout page
- Cart page
- Payment page
- Thankyou page

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PROJECT INITIATION SRS

Main Landing Page: This page is basically the homepage. An ecommerce homepage has a number of tasks to perform. It should tell users what the site is about, as well as providing an easy way for customers to find what they came to the site for. There are also secondary goals like promoting latest offers, new product lines, and email signups.

Shop page: The Shop page is a placeholder of a list for products. There might be several filters based on category, price, tags, other keywords-based filtration and search.

Single Product Page: A product detail page, also known as a PDP, is a web page on the website that provides information on a specific product. This information includes size, color, price, shipping information, reviews, and other relevant information customers want to know before purchasing.

In our case we are allowing customers to place bid from this page. And the top ranked bids will be shown here. After pressing the “Bid Now” button user will see a popup where we will collect information about the price, details and other offers they provide.

Signup: The signup page is a page on your website where users can sign up to use your product. They're designed to capture the email addresses of visitors and make it easy for them to access your product.

Sign-in: The login page allows a user to gain access to an application by entering their username and password or by authenticating using a social media login.

Details Bid listing page: All of the bids will be listed in this page. Once in PDP page user clicks the view all bid there based on that product user/customer can see all of the product bids and can analyze the value of competition.

Category wise product page: This page will allow users to list products from a specific category or subcategory in a grid-style layout. By default, large product images with their name, price, and purchase options will be displayed. Product item design must be similar to page.

Checkout page: This checkout page is the page(s) related to payment and shipping/billing details on our ecommerce store. The checkout page gives customers the opportunity to enter payment details and complete their order.

Cart page: The cart page is an essential part of an e-commerce website. It is the page where users can pile up what they want to buy from the website and then simply checkout by paying online. To comprehend what a cart page does, think of it as a normal shopping cart in a store.

Payment page: The payment page is a web page that allows customers to purchase items easily and securely. After adding the items to the shopping basket from the bids victory, the user must be redirected to the payment page and select the payment method as well as to insert the data which is necessary for the successful operation.

Thankyou page: This is where users are directed to after they have either made a purchase or when they fill out a certain opt-in form on the website. It is a way to acknowledge the amount a user took out and invested in the service or product of a certain business.