ECOMAPP FUNCTIONAL & TECHNICAL SPECIFICATION DOCUMENT

Contents

1. Solution Developed

1.1 Stakeholders

- Admin
- Clients

1.2 Form of the Platform

- **Web Application (Admin)**
- **Mobile Application (Clients)**

1.3 Clients

- Splash screen
    - Member will be able to see the splash screen for 3 seconds on mobile app.
- Login
    - Member can login via Email with following details
        - Mobile Number
        - OTP
- Registrations
    - For registration of app, end user will require to input valid details for the following fields:
        - First Name
        - Last Name
        - Mobile Number
        - Email (Optional)
        - City
        - Accept term and conditions
    - There will be standard validations on the above fields.
    - After registering, there would be mobile number verification via OTP
    - After providing all the above details and accepting the terms and conditions user will be able to register on the application successfully.
- Home/Dashboard
    - Here all the services are displayed to the user.
    - Here all the product categories will be displayed
- Book Service Provider
    - Customer can book service provider in following way:
        - Step 1: Select the service required
        - Step 2: Client would select the date and time of service required
        - Step 3: Based on the date and time selected, list of service providers will be shown
        - Step 4: On selecting the service provider, list of services and cost provided by the service provider selected will be shown
        - Step 5: On service selection customer will be redirected to the order details page. On orders details screen client would require to enter the address details if the client has come for first time or he/she can select from the added addresses

        - Step 6: On confirming all the order details, client is redirected to the confirm order page wherein the all the details will be shown. On confirming, money would be deducted from the wallet of the user
    - Once the order is placed, client would receive the email regarding the service booked
- View Products
    - Clients can view the products by clicking on the product categories
    - There would be list of products in grid or list view.
    - Details would be:
        - Photo of Product
        - Name of the product
        - Cost
    - There will be view button on the product page
    - On click of it, user will be redirected to product details page
- Place Order
    - When the user will go to the product detail page go to the respective screen
    - If product is searched
        - Step 1: On clicking the product, product complete detail will be displayed. User will click on add to cart. After clicking, user can add other required products
        - Step 2: Once all the product is added, user can click on cart option and see all the product details with rate and total rate
        - Step 3: On clicking Proceed, the user will be redirected to Select Address screen. If address is already added it will be displayed and user can select the address where the order needs to be delivered. If no address is there then, user can add the address
        - Step 4: The customer will make the payment by the following:
            - Cash on Delivery
            - Wallet Payment
        - Step 5: Once the payment option selected and payment is done, the order will be placed. On placing the order, the customer will receive an email and notification on the app.
- My Orders
    - In this screen the user would be able to see the orders that he/she has placed
    - Details are:
        - Order ID
        - Order Date
        - Order Items
        - Status
        - Order Details
            - On click of order details, user can see the order details page
            - Details are:
                - Product Name/s
                - Product Qty
                - Product Price
                - Total Order Price
- My Service Booked

- In this screen the user would be able to see the services that he/she has booked
- Details are:
    - Booking ID
    - Booking Date
    - Date of Service
    - Status
    - Service Details
        - On click of service details, user can see the service details page
        - Details are:
            - Service Name/s
            - Service Provider Name
            - Contact Number
            - Price

- My Wallet
    - In this section, client can view his wallet information
    - Details are:
        - Current Balance
        - Credited Amount
        - Debited Amount
    - Wallet Transaction
        - Client can see the wallet transaction
        - Details are:
            - Sr. No
            - Date and Time
            - Wallet Balance
            - Credit
            - Debit
            - Txt amt
            - Available
            - Reason Status
- My Profile
    - In my profile, member can view following information:
        - My Details
            - The information added by the member during the registration will be displayed here
            - The information will be:
                - First Name
                - Last Name
                - Mobile Number
                - Email Address
                - City
            - Member can edit this information as required
            - Member will receive an email validating the changes made.
        - Support
            - On clicking Support, user will be redirected to his/her default mailbox wherein the email address to contact will added by default.
            - The user can then send the mail regarding the issues in the system

- Connect with Us
  - Member can connect with EComAPP Team by clicking on the any of their social network
  - On clicking, member will be redirected to respective app or page in browser.
- Terms of Service
  - It will be HTML page displaying the Terms of Service of the application
- Privacy policy
  - It will be HTML page displaying the Privacy Policy of the application
- Language
  - User can select between two languages
    - French (Default)
    - English
- Logout
  - Member will have provision to Logout of Application

1.4 Admin

- Login
  - Admin will have provision to Login into admin panel with Username & Password.
- Home/Dashboard
  - After successful login admin will be redirect on dashboard screen. Super Admin shall have access to each and everything in the application
  - Here admin can see the KPI's i.e. Key Point Indicators, which shall give brief information about the system. They key point indicators will be
    - Number latest registered users list.
    - Number of Sellers
    - Number of Service Providers
    - Number of Orders
    - Number of Bookings
  - There will be data displayed in tabular format in the table as shown below:
    - Latest 10 orders
    - Latest 10 bookings
    - Latest 10 registered users
- User Management
  - In this section admin can manage all Customers. Admin can view all the registered Customer list in the data table.
  - Data table fields
    - First Name
    - Last Name
    - Email Address
    - Address
    - Mobile Number
    - Creation date
    - No of Orders Placed
    - No of Booking Done
    - Status

        - In this field, admin can check the member's status Active/Inactive (Inactive = block).
        - Admin can manage the status of the customer by making it Active or Inactive
    - Search box
        - Admin user should be able to search for any member by name or email address or mobile number
    - View profile
        - Administrator should be able to effectively view any profile by clicking on the name of the person and then seeing exactly what they can see but in view only form
    - Profile includes information as mentioned below:
        - Profile picture
        - First Name
        - Last Name
        - Email Address
        - Address
        - Mobile Number
        - Creation date
        - No of Orders Placed
        - No of Orders Returned
        - List of Orders placed
            - This will be displayed in tabular format
            - Fields are
                - Order ID
                - Product Name
                - Rates Per Items
                - Seller Name
                - Total
                - Status
        - List of Booking
            - This will be displayed in tabular format
            - Fields are
                - Booking ID
                - Service Provider Name
                - Service Name
                - Cost
                - Booking Date
                - Date of Service
                - Status
    - Admin can edit/delete the customers by click on edit/delete icon

- Manage Sellers/Stores
    - In this section, Admin can view all the sellers in this section in data table
    - Data Table fields are:
        - Merchant ID
        - Seller First Name

- Seller Last Name
- Category
- Sub-Category
- Email Address
- Personal Contact Number
- Contact Number
- Revenue
- Verified
  - In this field, admin can check the member has verified his/her Email Address
  - If the user who has registered and not verified within 48 hours, admin will have provision to send mail to the user.
- Status
  - In this field, admin can check the seller's status Active/Inactive (Inactive = block).
  - Admin can manage the status of the seller by making it Active or Inactive
- Search box
  - Admin user should be able to search by
    - Seller name (First or Last)
    - Merchant ID
- View profile
  - Administrator should be able to effectively view any profile by clicking on the view profile icon and then seeing exactly what they can see but in view only form
  - Profile includes information as mentioned below:
    - Merchant ID
    - Seller First Name
    - Seller Last Name
    - Category
    - Sub-Category
    - Email Address
    - Address
    - Contact Number
    - Commission set
    - Revenue Generated till now (Number counter)
    - Orders List
    - Priority

- Add Seller
  - In this section Super Admin can add the sellers.
  - Fields are
    - Seller First Name
      - It will be an alphabetic field
    - Seller Surname
      - It will be an alphabetic field
    - Store Name
      - It will be an alphanumeric field

- Category
  - This will be a drop-down list
- Sub-Category
  - This will be a drop-down list
  - This will have dependency on Category
- Email Address (Optional)
  - This will be email address input field
- Password
  - This will be a password input field
- Confirm Password
  - This will be a password input field
  - Its validation will be depended on the Password field i.e. the Password and Confirm Password should be same
- Personal Contact Number
  - This will be a contact number input field
- Contact Number
  - This will be a contact number input field
- Commission
  - This will be numeric based field
  - The number can be
    - Flat
    - Percentage
    - E.g. 10% or 10 Euro
- Store Icon
  - This will be PNG or JPG based
  - Only 1 image can be uploaded

- Manage Products
  - In this section admin can view the all the products in the data table
  - Data table fields are:
    - Product ID
    - Product Name
    - Product Category
    - Product Sub-Category
    - Product Price
    - Search box
      - Admin user should be able to search for any Product by name or Category or Sub-Category
    - View profile
      - Administrator should be able to effectively view any profile by clicking on the name of the person and then seeing exactly what they can see but in view only form
      - Profile includes information as mentioned below:
        - Product picture/s
        - Product Description
        - Product Name
        - Product Category

- Product Sub-Category
- Product Attribute
- Product Price

- Add Product
  - In this section admin can add product
  - Fields are
    - Product picture
      - This will be PNG, GIF, JPG only based field
      - Maximum 5 and minimum 1 picture can be added
    - Product Name
      - It will be an alphabetic field
    - Product Category
      - It will be a drop-down menu
    - Product Sub-Category
      - It will be a drop-down menu based on Product Category
    - Product Standard Price
      - This will be numeric based field
    - Quantity
      - It will be numeric input field
    - Threshold Quantity
      - It will be numeric input field
      -

- Manage Bookings
  - In this section admin can view the all the bookings in the data table
  - Details are:
    - ID
    - Client Name
    - Service Provider Name
    - Service Chosen
    - Category
    - Booking Date
    - Service Date and Time
    - Status
    - Search box
      - Admin user should be able to search for any Service Booking by name or Category or Sub-Category
    - View profile
      - Administrator should be able to effectively view any profile by clicking on the name of the person and then seeing exactly what they can see but in view only form
      - Profile includes information as mentioned below:
        - Client Name
        - Service Provider Name
        - Service Chosen
        - Category
        - Booking Date
        - Service Date and Time

- Status
- Total

- Manage Service Providers
  - In this section, Admin can view all the service providers in this section in data table
  - Data Table fields are:
    - Service Provider ID
    - Service Provider First Name
    - Service Provider Last Name
    - Category
    - Sub-Category
    - Email Address
    - Personal Contact Number
    - Contact Number
    - Verified
      - In this field, admin can check the member has verified his/her Email Address
      - If the user who has registered and not verified within 48 hours, admin will have provision to send mail to the user.
    - Status
      - In this field, admin can check the service provider's status Active/Inactive (Inactive = block).
      - Admin can manage the status of the service providers by making it Active or Inactive
    - Search box
      - Admin user should be able to search by
        - Service Provider name (First or Last)
        - Service Provider ID
    - View profile
      - Administrator should be able to effectively view any profile by clicking on the view profile icon and then seeing exactly what they can see but in view only form
      - Profile includes information as mentioned below:
        - Service Provider ID
        - Service Provider First Name
        - Service Provider Last Name
        - Category
        - Sub-Category
        - Email Address
        - Personal Contact Number
        - Contact Number
        - Commission set
        - Revenue Generated till now (Number counter)
        - Service Booking List
          - List of Service Booking
  - Add Service Provider
    - In this section Super Admin can add the Service Provider.
    - Fields are

- Service Provider First Name
  - It will be an alphabetic field
- Service Provider Surname
  - It will be an alphabetic field
- Service Provider Store Name
  - It will be an alphanumeric field
- Category
  - This will be a drop-down list
- Sub-Category
  - This will be a drop-down list
  - This will have dependency on Category
- Email Address (Optional)
  - This will be email address input field
- Password
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- Store Icon
  - This will be PNG or JPG based
  - Only 1 image can be uploaded

- Master
  - Product Category
    - Admin can Add Product Category
    - Details are:
      - Product Category Name
        - It will be an alphabetic field
      - Category Image
        - This will be PNG based image
    - Admin can view the list of Added Product Category
    - Admin can make Product Category active or inactive as required

  - Product Sub-Category
    - Admin can Add Product Sub-Category
    - Details are:
      - Product Category

- This will be drop-down list
- Product Sub-Category
  - It will be an alphabetic field
- Sub-Category Image
  - This will be PNG based image
- Admin can view the list of Added Product Sub-Category
- Admin can make Product Sub-Category active or inactive as required

- Service Category
  - Admin can Add Service Category
  - Details are:
    - Service Category Name
      - It will be an alphabetic field
    - Service Category Image
      - This will be PNG based image
  - Admin can view the list of Added Service Category
  - Admin can make Service Category active or inactive as required

- Service Sub-Category
  - Admin can Add Service Sub-Category
  - Details are:
    - Service Category
      - This will be drop-down list
    - Service Sub-Category
      - It will be an alphabetic field
    - Sub-Category Image
      - This will be PNG based image
  - Admin can view the list of Added Product Sub-Category
- Admin can make Service Sub-Category active or inactive as required

- Logout
  - Admin will have provision to Logout of admin panel
  - After 15 minutes of inactive session, admin shall be logged out automatically