**Project Documentation**

**Change Mobile(CM)**

**Project Description:**

* The basic idea of this application is to develop a platform where one can buy or sell their mobiles.
* A facility where one can sell either new or a used mobile is to be provided.

**Types of Roles:**

* Service Provider or Seller
* Service Seeker or Customer
* Admin

**Functionalities / Process of each Role:**

***Seller:***

1.Sign up or Register themselves as a seller.

* This part includes Name or Username of the Seller, Password, Email id, Phone Number, location.
* For Phone number and Email id verification is to be done.

2. Profile Page of the seller.

* All the personal information of the seller such as Address, Aadhar Number, Google / Facebook id, image.
* This part also includes all the professional information such as which mobiles are available, details of stock available, whether it is a new or used mobile.
* Whether pickup facility is available or only online booking is available.

3. Premium or Subscription page

4. When a new mobile is released, Acknowledge page.

5. Offers available on specific mobiles.

6. Respond to Review through review page.

7. To delete the account, delete page.

***Customer:***

1.Sign up or Register as a customer.

* This part includes Name or Username of the Seller, Password, Email id, Phone Number.
* For Phone number and Email id verification is to be done.

2. Profile page of the customer

* This part includes gender, address details such as work address and / or home address, PAN card information.

3. Subscription or Premium page.

4. Provide review and / or rating on the purchased product and the service provided.

5. Notifications page to notify about the new releases

6. Any coupons available with the customer.

7. Wishlist of the customer.

8. To delete the account, delete page.

***Admin:***

1. Terms and conditions page for both customer and seller.

2. Payment gateway page including details of insurance for the product.

3. About the seller page.

* This includes the name of Store, Product category, business address.
* Any other details such as about the seller, photos of the store.

4. FAQ page includes help and Support.

5. Shipping options page

* This includes whether the shipping is to be done by the delivery partners from the admin or using own or third party couriers.

6. Cancellation of order and refund page.

7. Sign up page for both customer and seller.

8. Login page for both customer and seller.

**Inputs and Actions:**

***Sign Up/ Registration page:***

*Inputs:*

* Name / Username
* Email Id
* Phone Number
* Location
* Password
* Confirm Password
* Terms and Conditions

*Actions*:

* Checking availability of username
* Email id verification - confirm email by clicking the link sent mail / OTP sent to mail - Verify
* Phone Number verification – OTP sent to mobile – resend OTP – Verify
* Captcha and I’m not a robot
* Show and hide password
* Submit.

***Profile Page:***

*Inputs:*

*Personal Information:*

* Address
* Aadhar Number
* Pan Card Information and GST details if necessary.
* Google / Facebook Id
* Upload Image

*Professional Information:*

* Type of mobiles available – basic phones, feature phones and smartphones.
* Stock availability
* Category of the mobile
* If both pick up and delivery options are available or any one of them.

*Actions:*

*Personal Information:*

* Address verification – Any govt id
* Aadhar Number verification – through mobile number link
* Pan Card and GST details verification – pan card and GST IN number
* Google/Facebook id verification
* Submit

*Professional Information:*

* Types of mobile
* Stock availability – available or not available
* Submit

***Premium or Subscription Page:***

*Inputs:*

* Type of Subscription required from the available plans provided by the admin such as free, monthly, Yearly or Forever.

*Actions:*

* Submit the plan selected.

***Acknowledgement Page:***

*Inputs:*

* Acknowledgement on new release of the mobile.

*Actions*:

* Submit the acknowledgement.

***Offers available on the specific mobiles:***

*Inputs:*

* Any specific discounts from either seller or manufacturer
* Any promotional codes
* Any credit card / debit card bank offers.

*Actions:*

* Apply and validate the offer code
* Submit with discounted price.

***Review Page:***

*Inputs:*

* Respond to the review provided by the customer.
* Rating for the customer.

*Actions:*

* Submit the page.

***Delete page:***

*Inputs:*

* Reason for deleting the account.
* If you wish to come back after a while?
* If you wish to deactivate the account instead of deleting.

*Actions:*

* Validate the reason for deleting.
* Submit the page.

***Notification Page:***

*Inputs:*

* Whether to show or hide notifications on the selected products.

*Actions:*

* Submit the response received.

***Wishlist Page:***

*Inputs:*

* Add products selected to the Wishlist.

*Actions:*

* Update the page.

***FAQ Page:***

*Inputs:*

* FAQ based on various aspects.

***Payment Page:***

*Inputs:*

* Details of the payment such as Credit card, debit card, Cash on Delivery, EMI and any bank offers on the above.
* Insurance plans for the product apart from the manufacturer warranty.

*Actions:*

* Fill in the details for payment – validation through OTP.
* Insurance is to be applied according to the plan selected.

**Wireframe Design**

***Sign Up Page:***

***Diagram

Description automatically generated***

***Graphical user interface

Description automatically generated***

***Login Page / Profile page:***

***Graphical user interface, diagram, application

Description automatically generated***

***Graphical user interface

Description automatically generated***

**Database Design:**

***Seller\_Personal\_Info:***

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **S.No** | **User Id** | **First Name** | **Email Id** | **Phone Number** | **Location** | **Aadhar\_No** | **PAN Details** |
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***Customer\_Personal\_Info:***

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **S.No** | **User Id** | **First Name** | **Email Id** | **Phone Number** | **Location** | **Aadhar\_No** | **PAN Details** |
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***Seller Account Details:***

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| --- | --- | --- | --- | --- | --- | --- |
| **S.No** | **User Id** | **Account\_id** | **Account\_No** | **Acc\_holder\_Name** | **Bank\_Name** | **IFSC\_code** |
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***Seller\_Professional\_details:***

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| --- | --- | --- | --- | --- |
| **S.No** | **User Id** | **Type of mobiles** | **Stock Availability** | **Mobile Id** |
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***Master Table:***

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| --- | --- | --- |
| **S.No** | **Mobile Id** | **Mobile Name** |
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