

Requirement Analysis and usability phase

Assignment no. 3



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## **PHASE 3: REQUIREMENT ANALYSIS**

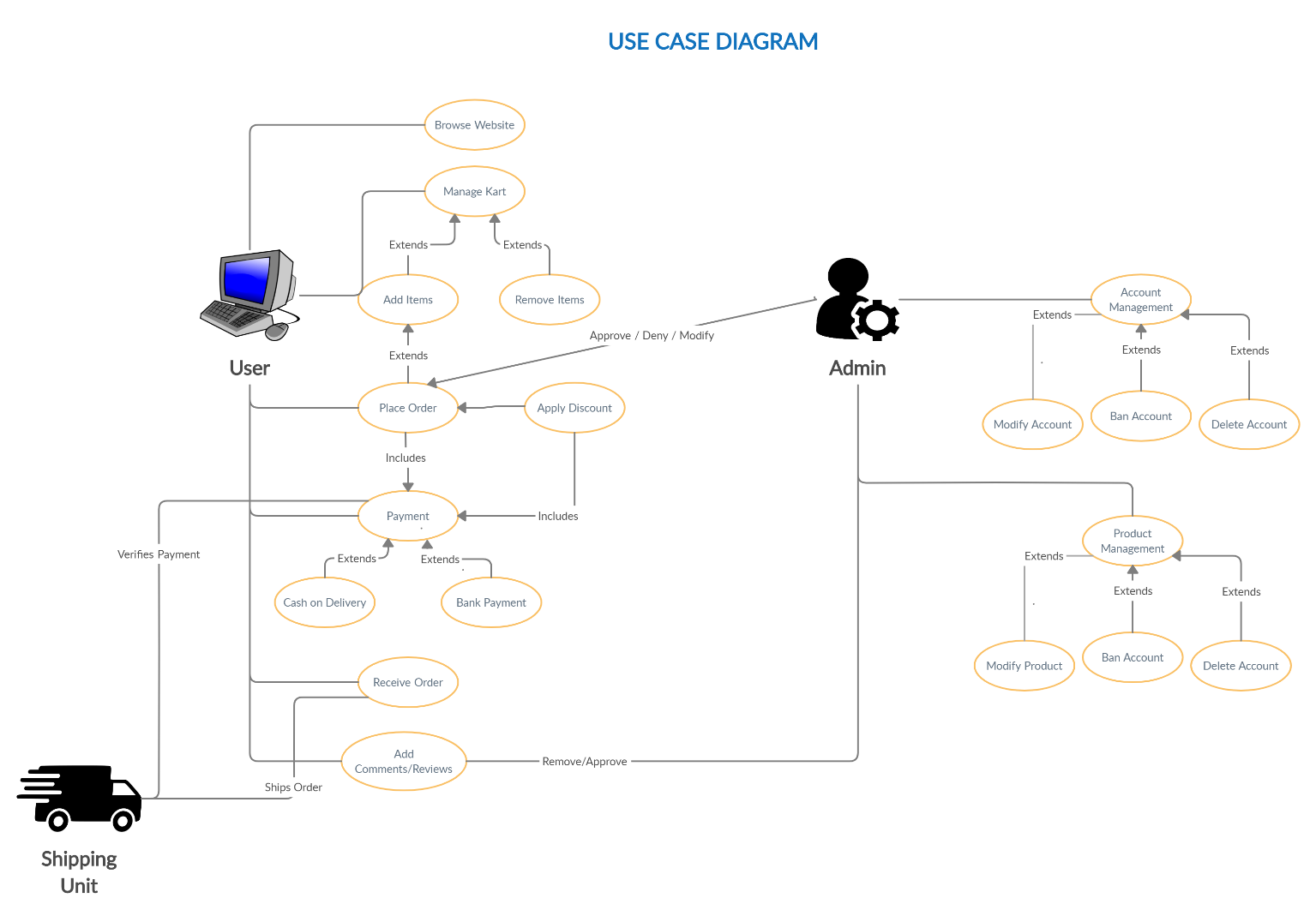
* **FUNCTIONAL AND NON FUNCTIONAL REQUIREMENTS**

**FUNCTIONAL REQUIREMENTS:**

**NON-FUNCTIONAL REQUIREMENTS:**

* **USE CASE DIAGRAM AND ITS NARRATIVES**

**USE CASE DIAGRAM:**

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**USE CASE WITH ITS NARRATIVES:**

**Sub use cases with narratives**

* 1. **User Login to the system**

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| **Use Case Name:** | Login | |
| **ID:** | OM-01 | |
| **Actors Involved:** | Customer, Administrator | |
| **Brief Description** | Actor enters the email address and password to login to the system. | |
| **Pre-Conditions** |  | |
| **Post-Conditions** |  | |
| **Normal Flow of Events:** | **Actor Action** | **System Response** |
| 1. Enter email address and password. 2. Clicks the submit button. | 1. System displays the actor mail page on successful login. 2. System displays error message on invalid login. |

* 1. **User Adds to Cart**

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| --- | --- | --- |
| **Use Case Name:** | User Cart | |
| **ID:** | OM-02 | |
| **Actors Involved:** | Customer | |
| **Brief Description** | Actor Adds/Removes products from the cart. | |
| **Pre-Conditions** | OM-01 | |
| **Post-Conditions** | Addition/Removal of products from user cart. | |
| **Normal Flow of Events:** | **Actor Action** | **System Response** |
| 1. Click on “Add to cart” on products 2. Click “Remove” option in the user cart page. 3. Click “Clear Cart” in the User Cart page. | 1. System adds the product into the cart. 2. System deletes the product from the cart. 3. System clears all the products in the cart. |

* 1. **User makes payment**

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| **Use Case Name:** | Payment | |
| **ID:** | OM-03 | |
| **Actors Involved:** | Customer | |
| **Brief Description** | Make payment for the product | |
| **Pre-Conditions** | OM-02 | |
| **Post-Conditions** | Approval of the user order. | |
| **Normal Flow of Events:** | **Actor Action** | **System Response** |
| 1. Go to the cart and click “Proceed to checkout” 2. Select payment method (COD or Bank) 3. Click on “Order Now” | 1. System navigates to checkout. 2. System sets the desired payment method. 3. System generates the amount receipt and place order by using selected payment method. |

* 1. **User adds reviews**

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| **Use Case Name:** | Adding Review | |
| **ID:** | OM-04 | |
| **Actors Involved:** | Customer | |
| **Brief Description** | User adds review to the product. | |
| **Pre-Conditions** | OM-03 | |
| **Post-Conditions** | Review added to the product. | |
| **Normal Flow of Events:** | **Actor Action** | **System Response** |
| 1. Hover at the bottom of the product, fill the textbox and grading. 2. Click on “Submit review” | 1. - 2. System publishes the review to the product. |

* 1. **Administrator deletes review**

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| **Use Case Name:** | Deleting Review | |
| **ID:** | OM-05 | |
| **Actors Involved:** | Administrator | |
| **Brief Description** | Removing reviews from the product. | |
| **Pre-Conditions** | OM-04 | |
| **Post-Conditions** | Deletes review from the product. | |
| **Normal Flow of Events:** | **Actor Action** | **System Response** |
| 1. Hover at the bottom of the product 2. Click on “Delete Review” | 1. - 2. System deletes the review from the page. |

* 1. **Administrator Rejects Order**

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| **Use Case Name:** | Rejecting Order | |
| **ID:** | OM-06 | |
| **Actors Involved:** | Administrator | |
| **Brief Description** | Removing the user order(s). | |
| **Pre-Conditions** | OM-03 | |
| **Post-Conditions** | User order gets rejected. | |
| **Normal Flow of Events:** | **Actor Action** | **System Response** |
| 1. Hover to the admin panel 2. Select the order to be rejected, place the reason in the textbox and click on “Reject”. | 1. System navigates to Admin panel 2. System will delete the order and send a corresponding notification to the user with the reason. |

* 1. **Account Management**

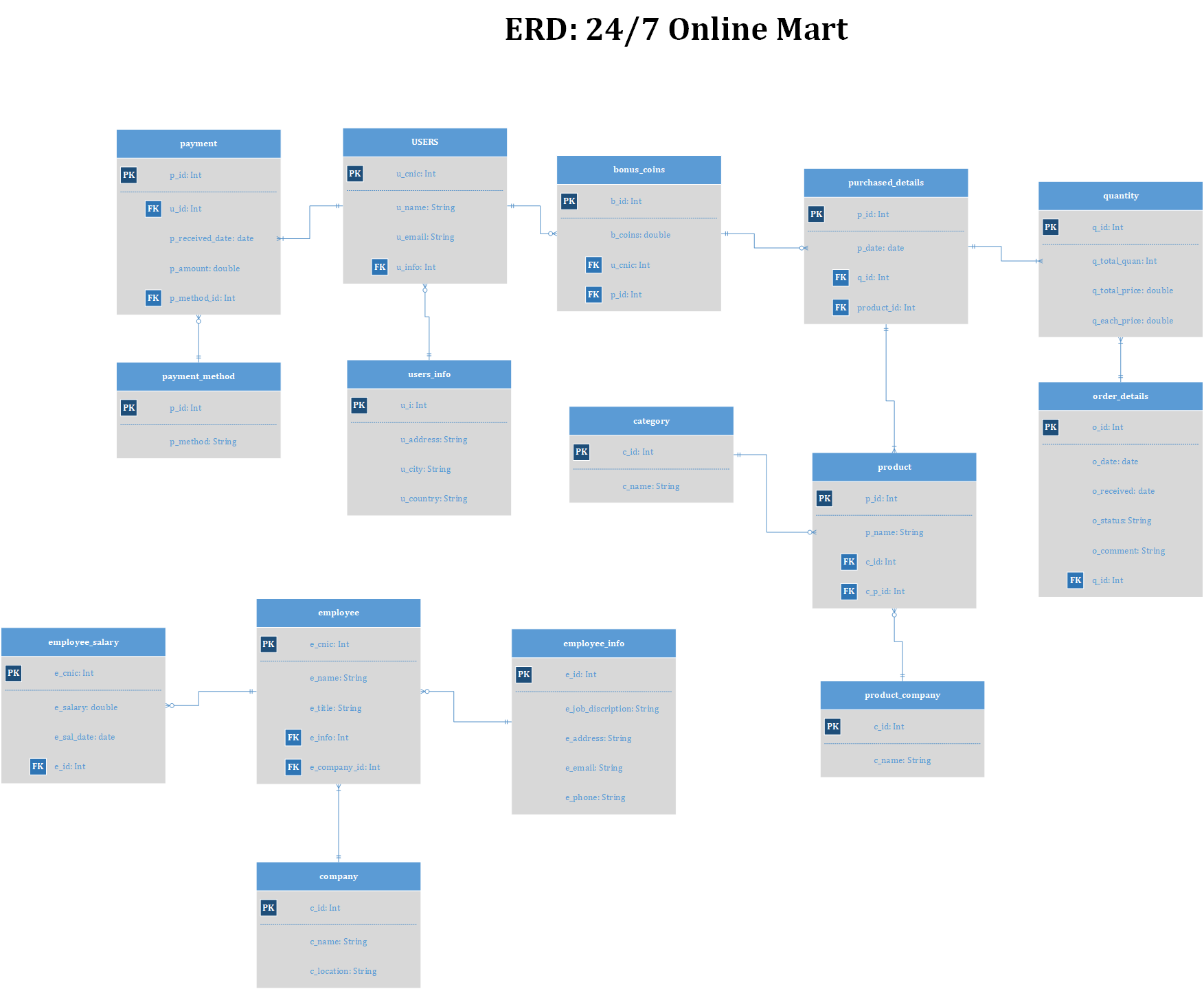
|  |  |  |
| --- | --- | --- |
| **Use Case Name:** | Account Management | |
| **ID:** | OM-07 | |
| **Actors Involved:** | Administrator | |
| **Brief Description** | Managing user account (Performing Ban, Delete and Modify functions) | |
| **Pre-Conditions** |  | |
| **Post-Conditions** |  | |
| **Normal Flow of Events:** | **Actor Action** | **System Response** |
| 1. Hover to the admin Panel. 2. Search/Select the user account to be managed. 3. Click on Ban / Delete / Modify account to process relevant function. | 1. System navigates to Admin panel. 2. System selects the account(s). 3. System deletes/Bans/Modifies the account. |

* **ENTITY RELATIONSHIP DAIGRAM(ERD)**

**ERD:**

**Discription:**

ERD for our client’s online mart project

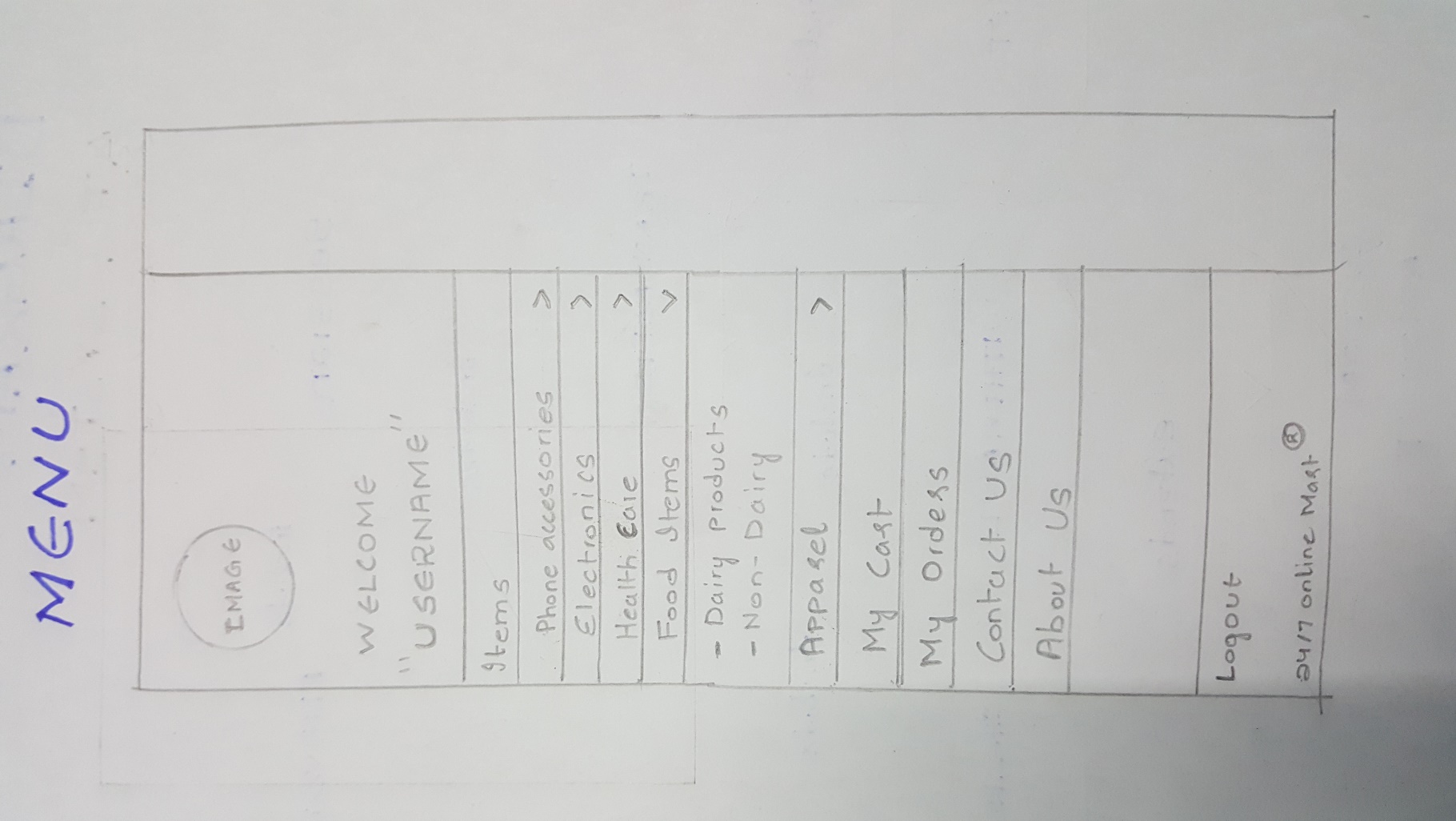
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## **PHASE 4: USABILITY PHASE**

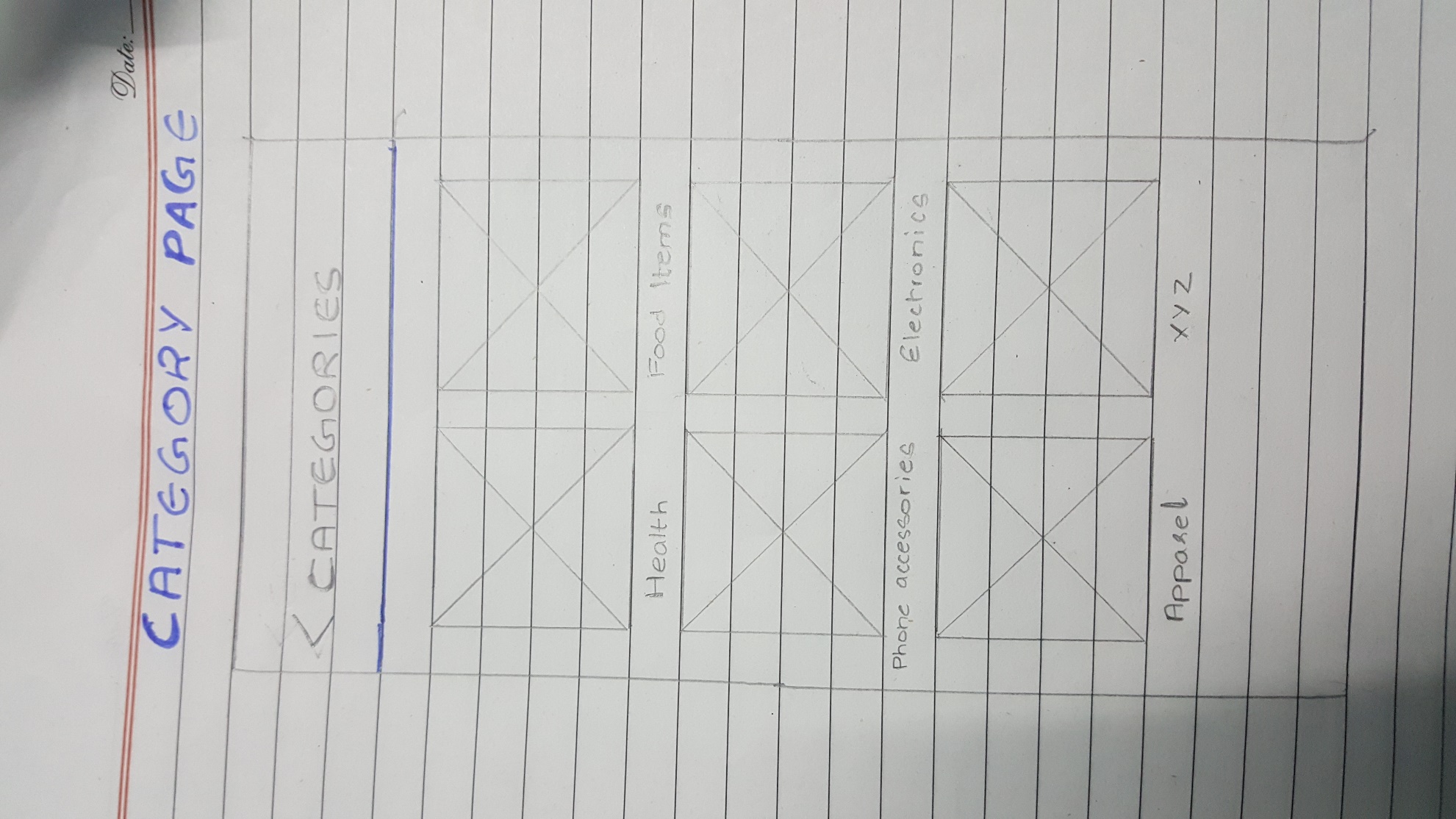
1. **PAPER PROTOTYPE**

**PROTOTYPES:**

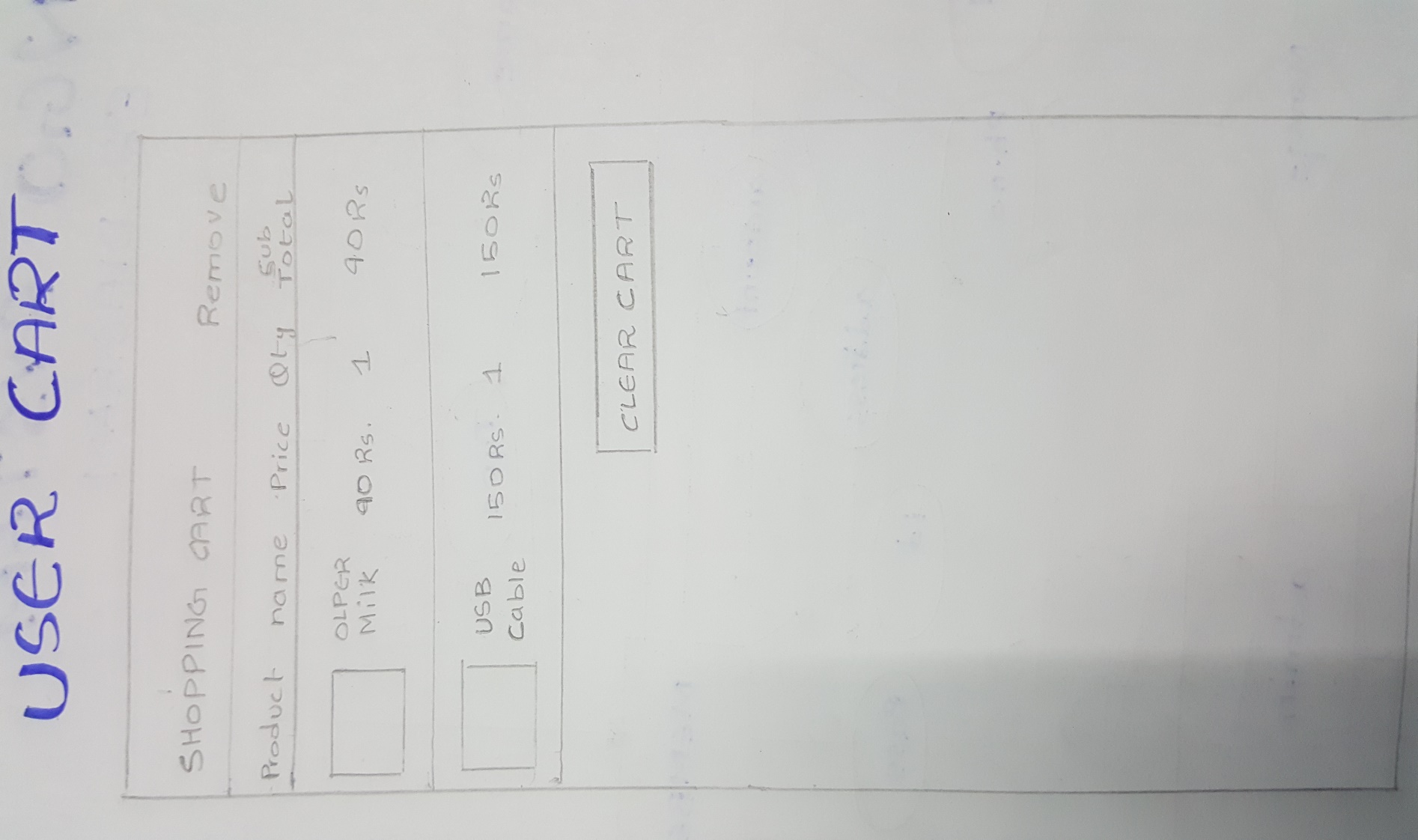
* **Application Menu:**



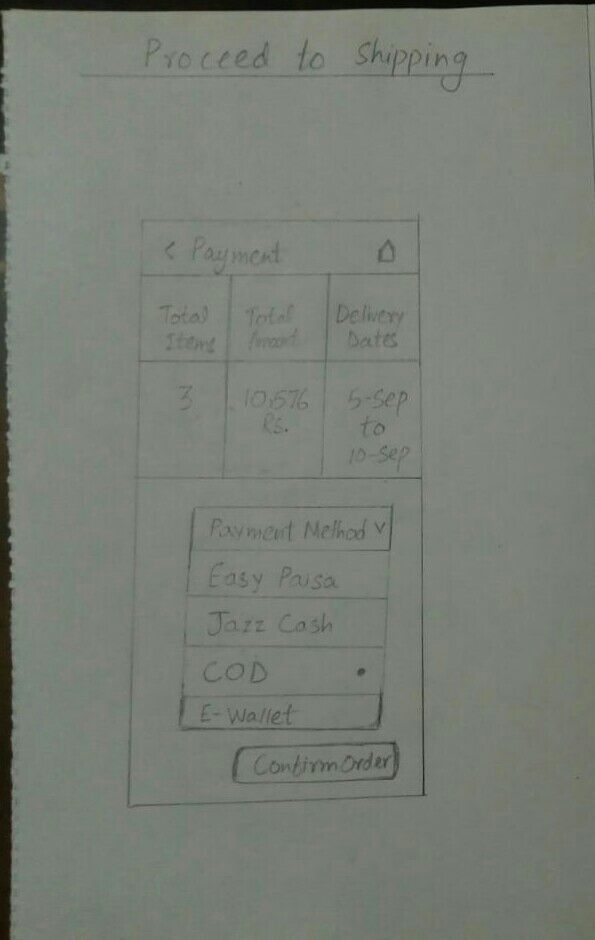
* **Category Page:**



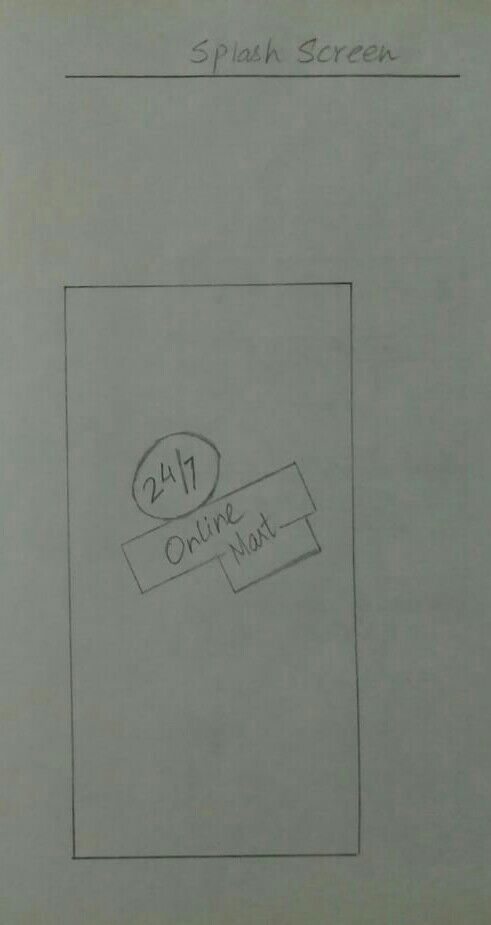
* **User Cart:**



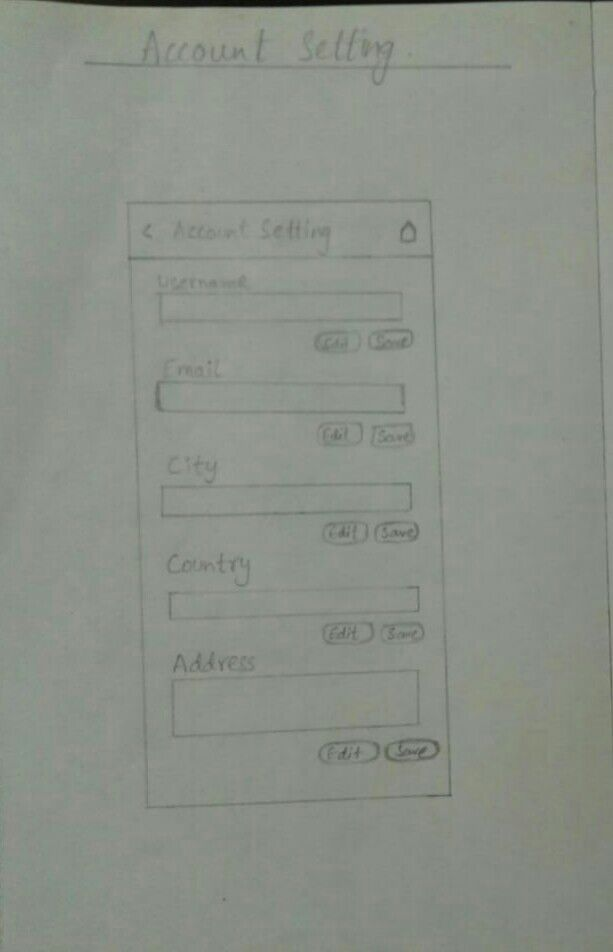
* **Proceed to Shipping**



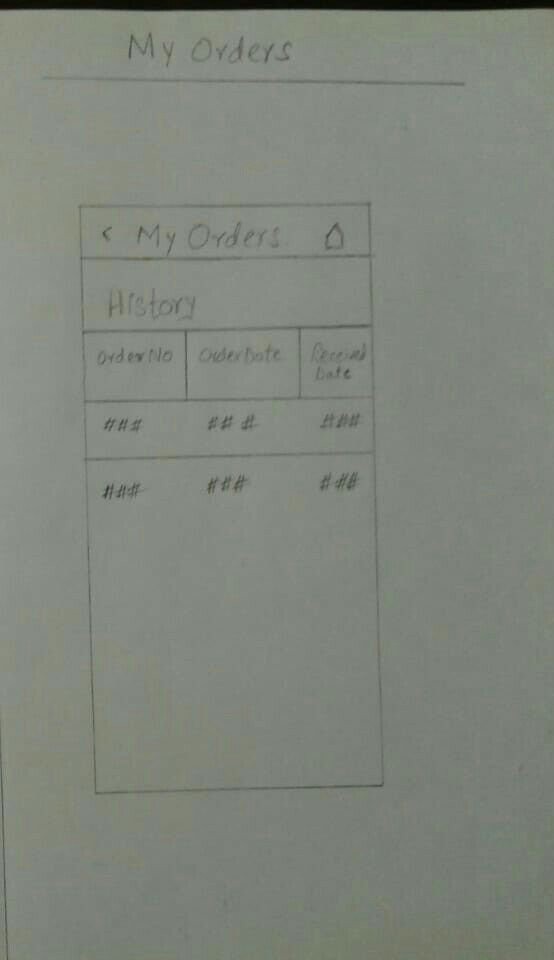
* **E-Wallet**



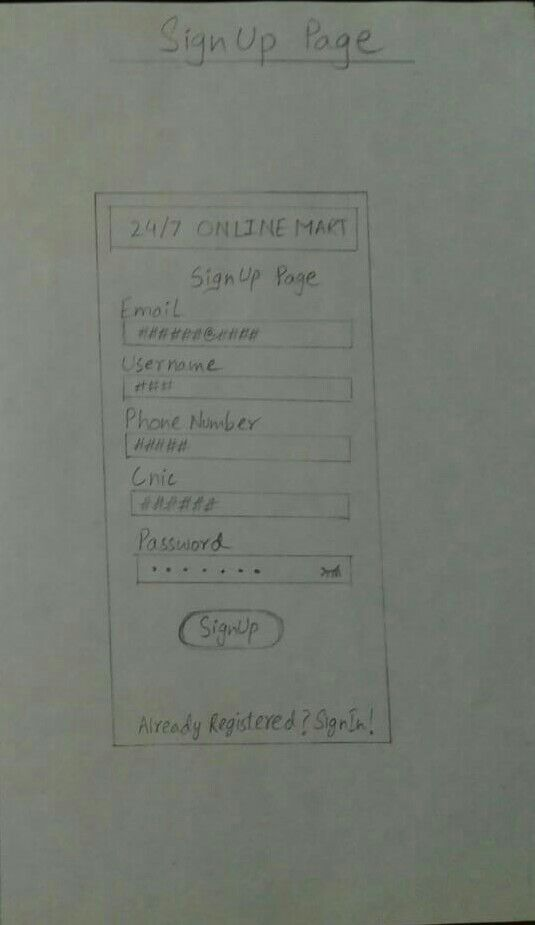
* **Account Setting**



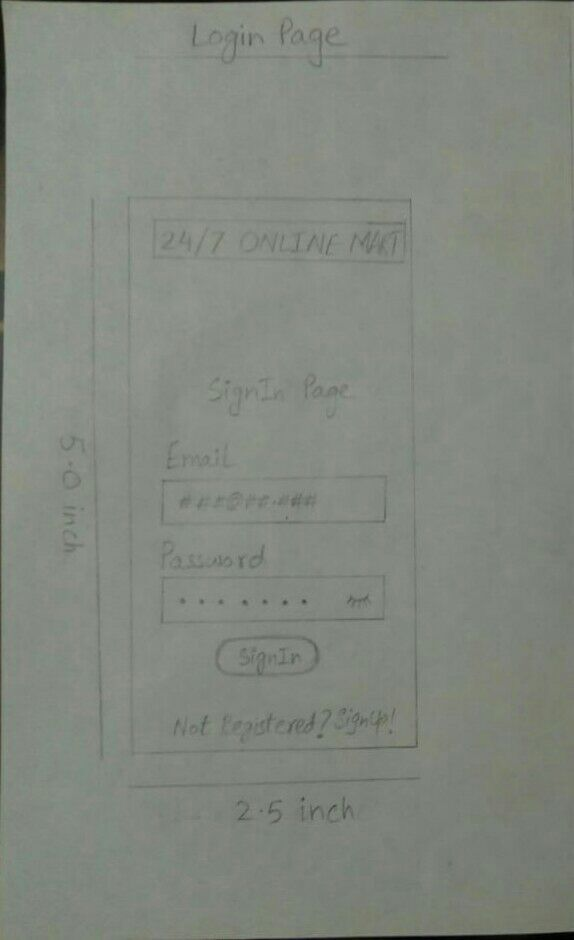
* **My Orders**



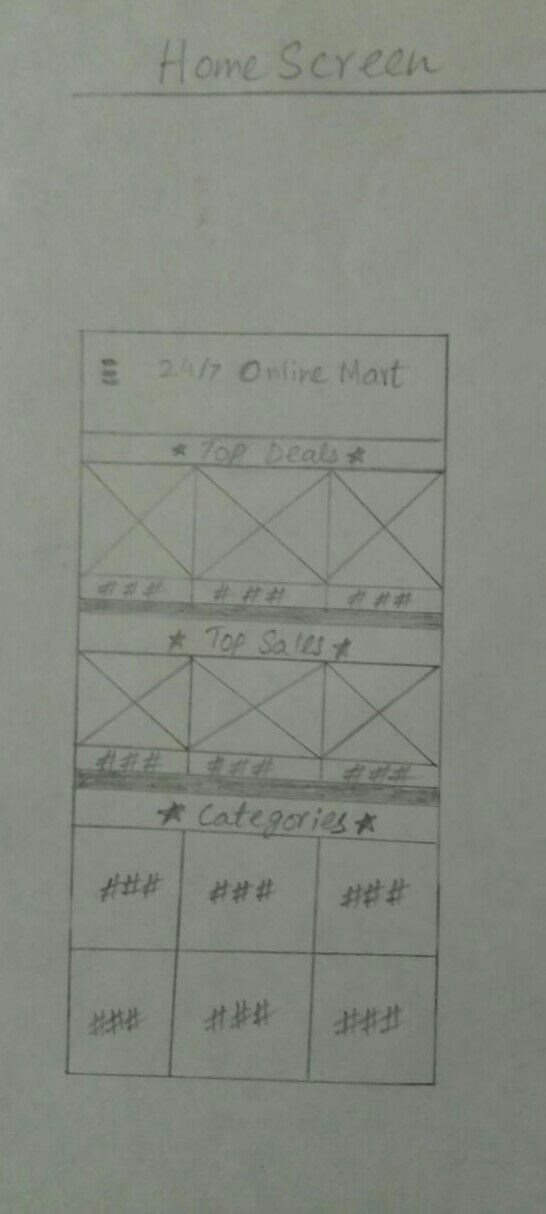
* **Signup Page**



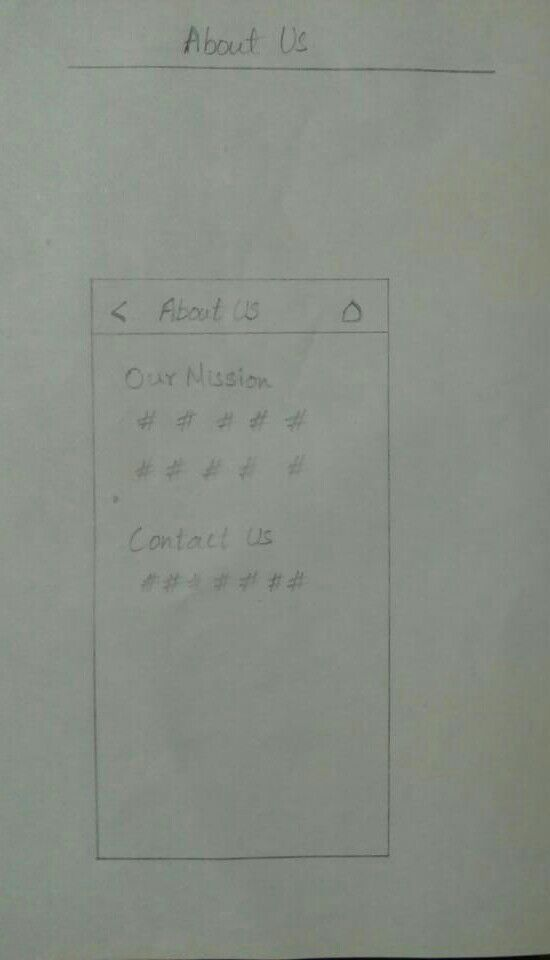
* **Sign-in Page**



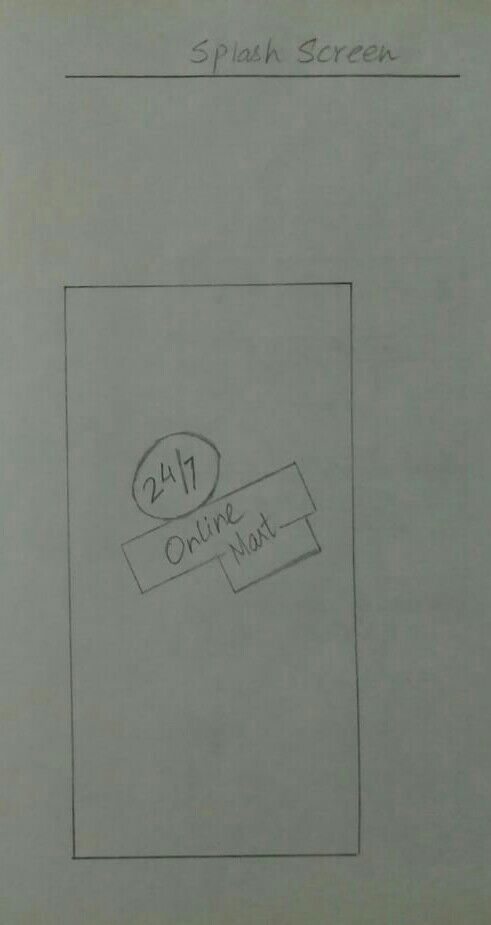
* **Home Screen**



* **About Us**

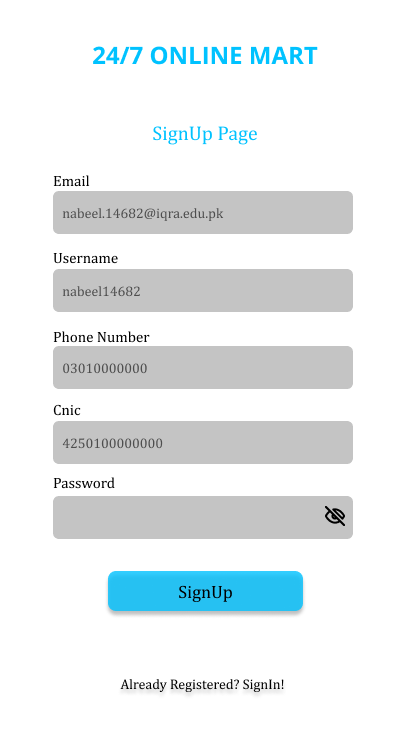


* **Splash Screen**

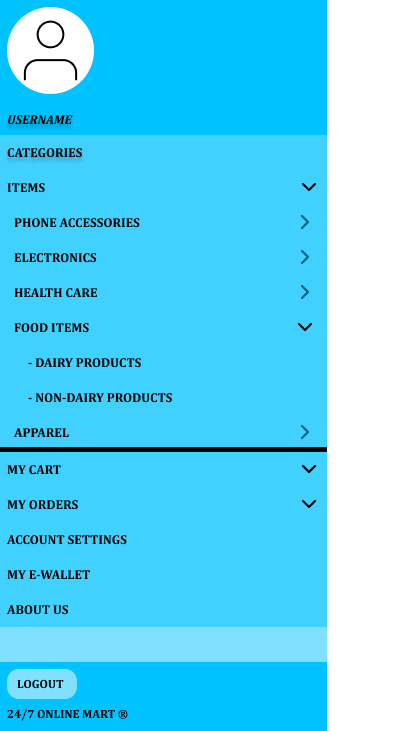


1. **WIREFRAMES**

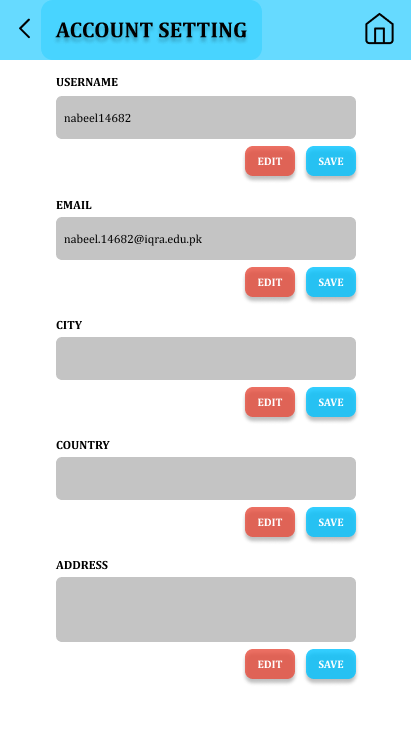
* **Sign in Page**
* **Sign Up Page**



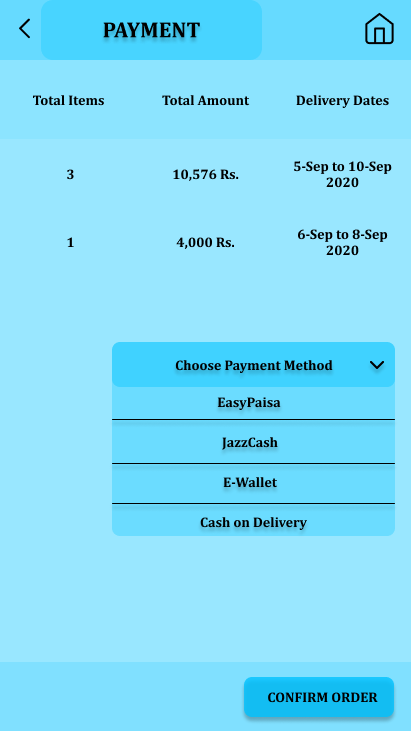
* **Category Page**
* **My Order Page**
* **Side Menu Page**



* **Account Setting Page**



* **Payment method**



* **E-Wallet**



* **Home Screen Page**



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