**UML Diagram:**

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| --- |
| User |
| name,  city,  area  contact,  email,  image,  date,  total  id,  paid,  delivered |
| profile()  orderList() |

|  |
| --- |
| Admin |
| name,  price,  image,  brand,  category,  orderlist ID,  adminID,  email,  stockedCount,  markedPaid |
| productManagement()  userManagement()  displayOrderDetailOfCustomers()  markasPaidOnCustomer’sAccount()  createProduct()  addName()  addPrice()  addImage()  addBrand()  addStock()  addCategory() |

|  |
| --- |
| Home Page |
| productID,  productName,  availableProduct,  displayProduct |
| searchProduct()  displayMostSoldProduct()  productsList() |

|  |
| --- |
| Sign-in |
| name,  address,  area,  email,  password,  confirmPassword |
| signIn() |

|  |
| --- |
| Product Page |
| productImage,  description,  price,  product,  review |
| information()  availability()  quantity()  productReview()  customerReview() |

|  |
| --- |
| Shopping Cart |
| productId,  productName,  productImage,  price,  quantity,  subtotal,  checkout |
| displayAddedProduct();  displayList();  productImage()  productName()  price()  quantity()  delete()  displaySubtotal()  proceedtoCheckoutOption() |

|  |
| --- |
| Shipping Page |
| shippingID,  address,  city,  country |
| address() |

|  |
| --- |
| Ordered Item Information |
| shippingID,  paymentID,  orderID,  ProductID,  customerName,  customerAddress, |
| paymentInformation()  placeOrder()  shippingDetails()  orderedItems() |

|  |
| --- |
| Payment |
| amount,  cardNumber |
| creditDebitCard()  payByCash()  BkashApi() |

|  |
| --- |
| Placed Order |
| display,  productDiscription |
| checkOutProcess()  bkashCreditCardIntegration() |