EXP.NO:5

DATE:27.03.2025

USER INTERFACE DESIGN

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AIM:

To conduct a task analysis for a E commerce and document the userflow diagram using Lucidchart.

Content:

* Task Analysis - Write down task breakdowns
* User Flows - Create fowcharts for each task (Lucidchart)

**Task Analysis for E-Commerce Flowchart**

**1. Start Process**

* The user initiates the process.

**2. Create Document**

* The user creates a document, which likely refers to setting up an order, an account, or another essential record.

**3. Select Template**

* The user selects a predefined template, which might be related to order categories or account setup.

**4. Add Details (Diverging into Multiple Flows)**

* The process splits into three primary flows:
  + **Login Flow**
  + **Search**
  + **Checkout**

**Login Flow**

1. **Open App** – The user opens the application or platform.
2. **Process** – The app initializes, loads data, or processes a request.
3. **Enter Details** – The user enters login credentials (email, phone, password, etc.).
4. **Login** – The system authenticates the user.
5. **Verify** – Additional security measures may be applied (OTP, 2FA).
6. **Redirect Home** – Upon successful login, the user is redirected to the home page.

**Search Flow**

1. **Navigate Categories** – The user browses different product categories.
2. **Use Search Bar** – The user enters keywords to search for specific products.
3. **Apply Filters** – Filters like price range, brand, and ratings are applied to refine search results.

**Checkout Flow**

1. **Review Cart** – The user views selected items in the shopping cart.
2. **Proceed to Checkout** – The user confirms their selection and moves forward.
3. **Enter Shipping Info** – The user provides an address and delivery details.
4. **Select Payment Method** – The user chooses a payment method (credit card, UPI, etc.).
5. **Confirm Order** – The order is placed successfully.

**Lucid Diagram:**

A screenshot of a phone

AI-generated content may be incorrect.

The link of my lucid chart :

https://lucid.app/lucidchart/35e99c13-28d8-4e58-835d-fafbf92bf40c/edit?viewport\_loc=-7197%2C-981%2C24735%2C10969%2C0\_0&invitationId=inv\_dfb6b625-6488-481f-9fdd-a41ff52e9b17