TASK ANALYSIS BY CREATING A WIREFRAMES USING LUCIDCHART

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Definition:

A wireframe is a visual guide that represents the skeletal framework of an application. It helps in planning the layout, structure, and navigation before detailed design and development. Wireframe Components for E-Commerce App:

- 1. Home Page

    - Navigation bar (Login/Signup, Search, Categories)
    - Featured products carousel
    - Customer support link

- 2. Login/Signup Page

    - Input fields for email & password

    - Signup option for new users

    - Login button with validation

- 3. Product Category Page

    - List of product categories

    - Clickable navigation to specific category pages

- 4. Product Listing Page

    - Display of products in a grid/list format

    - Image carousel for featured products

    - Filters & sorting options

- 5. Product Detail Page

    - Product image, description, and price

    - Availability check (Stock Status)

    - "Add to Cart" and "Buy Now" buttons

- 6. Cart Page

    - List of added products with quantity selection

    - Option to confirm shipping details

    - Proceed to checkout button

7. Checkout Page

    - Address input field

    - Payment method selection

    - Delivery time/date selection

- 8. Order Confirmation Page

    - Order summary with product details

    - Estimated delivery date

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                    │  Terminator  │
                    └──────┬───────┘
                           │
                    ┌──────┴───────┐      ┌───────────────┐      ┌──────────┐            ┌──────────┐
                    │ website home │─────▶│ login or signup│─────▶│ login cred│──── No ──▶│ Decision │
                    │    page      │      └───────────────┘      └─────┬─────┘            └──────────┘
                    └──────┬───────┘                                   │
                  scroll down                                          │ yes
                           │                                           ▼
                    ┌──────┴───────┐                            ┌────────────┐
                    │   customer   │                            │   AMAZON   │
                    │   support    │                            └─────┬──────┘
                    └──────────────┘                                  │
                                                          NAVIGATE TO CATEGORY
                                                                      │
                                                                      ▼
    ┌──────────┐                                         ┌────────────────────┐      ┌────────────┐
    │          │                                         │  PRODUCT CATEGORY  │─────▶│  DISPLAY   │
    │ Database │◀──── yes ──┐                            │       PAGE         │      │  CATEGORY  │
    │          │            │                            └────────────────────┘      └─────┬──────┘
    └──────────┘     ┌──────┴────────┐                                                     │
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                     │ availability  │◀──────────────────│ carousel │◀───│ view products of   │
                     └──────┬────────┘                   └──────────┘    │ selected category  │
                            │ NO                                         └────────────────────┘
                            ▼
                     ┌──────────────┐
                     │ product not  │
                     │  available   │
                     └──────────────┘

  ┌────────────────┐    ┌────────────────┐    ┌────────────────┐    ┌────────────────┐
  │ like product/  │    │ cart: confirm  │    │ address and    │    │ choose delivery│         ╭──────────╮
  │ add to cart /  │    │ shipping page  │    │ fill personal  │    │ time and       │         │  Order   │
  │ buy now        │    │                │    │ details        │    │ date           │         │ confirmed│
  │                │    │                │    │                │    │                │         │  page    │
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