## Exercise 7 : DIA

# <u>Conduct task analysis for an app (e.g., online shopping) and document user flows. Create corresponding wireframes using dia</u>

**AIM:**

The aim is to perform task analysis for an app, such as online shopping, document user flows, and create corresponding wireframes using Dia.

**PROCEDURE:**

**Tool link:** http://dia-installer.de/

1. Install Dia:
    - ○ Download Dia from the official website (http://dia-installer.de/)
    - ○ Install Dia on your computer ○

    Open Dia:
    - ○ Launch the Dia application.
2. Create New Diagram:
    - ○ Go to File -> New Diagram.
    - ○ Select Flowchart as the diagram type.
3. Add Shapes:
    - ○ Use the shape tools (rectangles, ellipses, etc.) to create wireframes for each screen.
        - ■ For example:
            - ■ Home Page: Rectangle
            - ■ Product Categories: Rectangle
            - ■ Product Listings: Rectangle

■ Product Details: Rectangle

■ Cart: Rectangle

■ Checkout: Rectangle

■ Order Confirmation: Rectangle

■ Order History: Rectangle

4. Connect Shapes:

   ○ Use the line tool to connect shapes, representing the user flows.

      ■ For example:

         ■ Home Page -> Product Categories

         ■ Product Categories -> Product Listings

         ■ Product Listings -> Product Details

         ■ Product Details -> Cart

         ■ Cart -> Checkout

         ■ Checkout -> Order Confirmation ■

         Order Confirmation -> Order History

5. Label Shapes:

   ○ Double-click on each shape to add labels.

      ■ For example:

         ■ Label the rectangle as "Home Page", "Categories", "Product Listings", "Product Details", "Cart", "Checkout", "Order Confirmation", "Order History".

6. Save the Diagram:

   ○ Go to File -> Save As.

   ○ Save the diagram with a meaningful name, such as "Online Shopping App User Flows".

**OUTPUT:**

```
┌─────────────────────┐
│     Home Page       │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│  Product Categories │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│   Product Listings  │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│   Product Details   │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│        Cart         │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│      Checkout       │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│  Order Confirmation │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│    Order History    │
└─────────────────────┘
```