Exercise 7:

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

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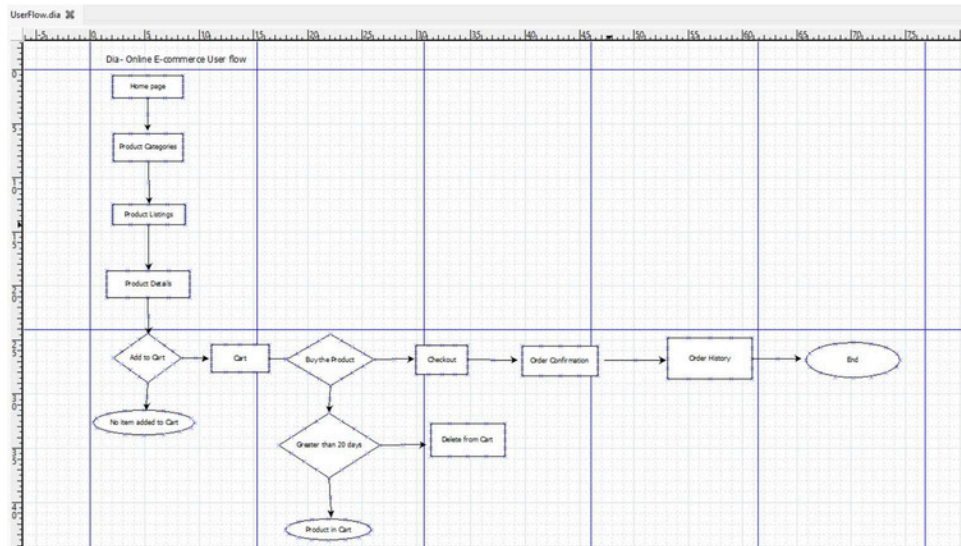 - ■ For example:
    - ■ Label the rectangle as "Home Page", "Categories", "Product Listings", "Product Details", "Cart", "Checkout", "Order Confirmation", "Order History".

6. Save the Diagram:

- ○ Go to File -> Save As.
- ○ Save the diagram with a meaningful name, such as "Online Shopping App User Flows".

OUTPUT:

Dia- Online E-commerce User flow

Home page

↓

Product Categories

↓

Product Listings

↓

Product Details

Add to Cart → Cart → Buy the Product → Checkout → Order Confirmation → Order History → End

Add to Cart ↓

No item added to Cart

Buy the Product ↓

Greater than 20 days → Delete from Cart

↓

Product in Cart

RESULT:
The output was verified successfully.