

# **RAJALAKSHMI ENGINEERING COLLEGE**

**RAJALAKSHMI NAGAR, THANDALAM – 602 105**



**RAJALAKSHMI**  
**ENGINEERING COLLEGE**

**CS23A34**  
**USER INTERFACE AND DESIGN LAB**

**Laboratory Observation NoteBook**

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**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",

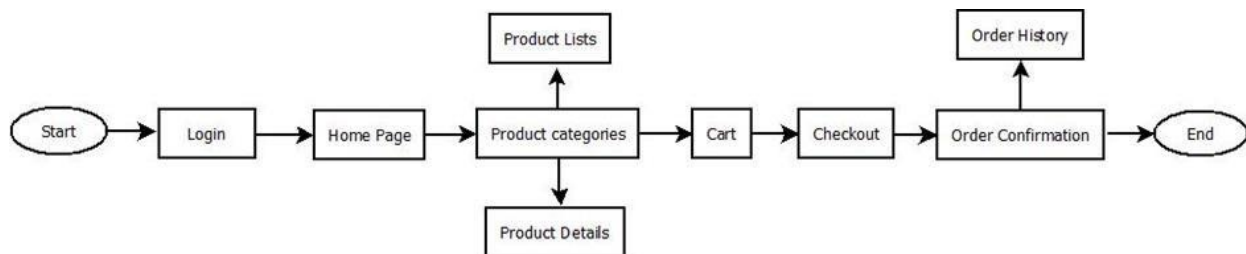
- "Product Listings", "Product Details", "Cart", "Checkout",

- "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:



## RESULT:

Hence, to perform task analysis for an app, such as online shopping, document user flows, and create corresponding wireframes using Dia has been successfully executed.