

**RAJALAKSHMI ENGINEERING COLLEGE**

**RAJALAKSHMI NAGAR, THANDALAM – 602 105**



**RAJALAKSHMI  
ENGINEERING COLLEGE**

<p><b>CS23A34 USER INTERFACE AND DESIGN LAB</b></p>
<p><b>Laboratory Observation NoteBook</b></p>

**Name : SP Varun**

**Year/Branch/Section : II/CSE/D**

**Register No. : 230701373**

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**Ex. No. : 4b**

**Register No. : 230701373**

**Name : SP Varun**

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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.

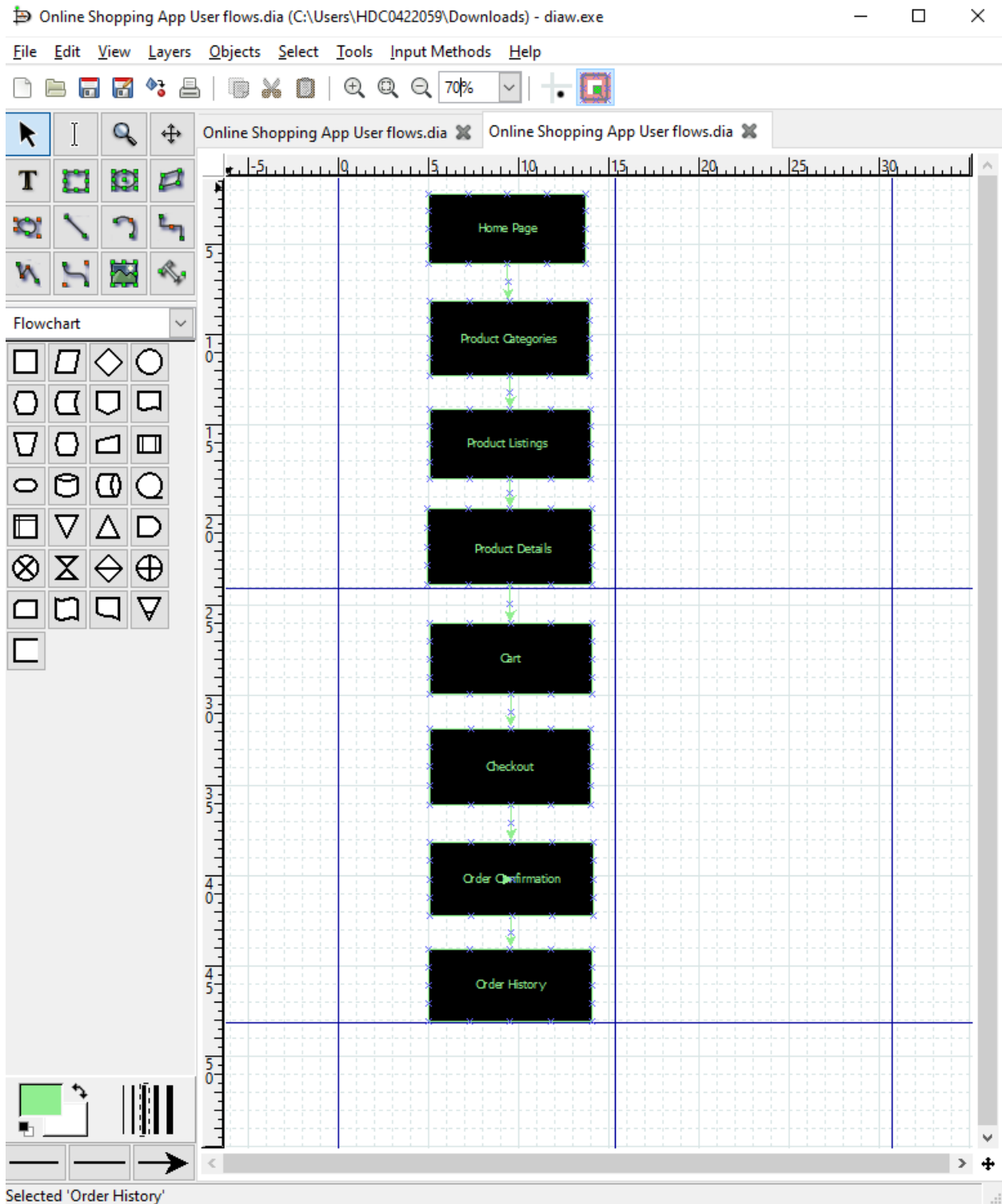
■ For example:

■ 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, creating a prototype with familiar and unfamiliar navigation and using different user groups using prto.io has been successfully executed.