

EXP No : 4b

Date: 20 / 03 / 2025

**TITLE: Conduct task analysis for an app 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:**

**1. Install Dia:**

Download Dia from <http://dia-installer.de/>

Install and launch the application.

**2. Create a New Diagram:**

Go to File → New Diagram

Select Flowchart as the diagram type.

**3. Add Shapes:**

Use rectangles, ellipses, and diamonds to represent different stages:

Start → Oval

Login/Register → Rectangle

Search Tickets → Rectangle

Select Date, Time, Preferences → Rectangle

Check Availability → Rectangle

Decision (Tickets Available?) → Diamond

Payment Process → Rectangle

Generate Confirmation → Rectangle

Send Ticket via Email/SMS → Rectangle

End → Oval

**4. Connect Shapes:**

Use lines to define user flow:

Start → Login/Register

Login/Register → Search Tickets

Search Tickets → Select Date, Time, Preferences

Select Date, Time, Preferences → Check Availability

Check Availability → (Decision: Tickets Available?)

Yes → Proceed to Payment

No → Show Error & End

Proceed to Payment → Generate Confirmation → Send Ticket via Email/SMS  
→ End

## 5. Label Shapes:

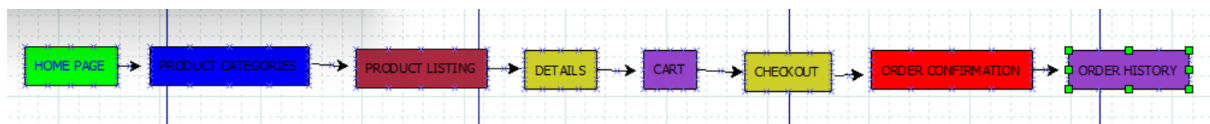
Double-click each shape to add labels like Login, Search, Payment, Confirm Ticket, etc.

## 6. Save the Diagram:

Go to File → Save As

Name it "Ticket Booking System Flowchart".

## OUTPUT:



## RESULT:

A wireframe is created for ticket booking system in Dia by adding and connecting shapes for login, search, seat selection, payment, and ticket generation.