# RAJALAKSHMI ENGINEERING COLLEGE

## RAJALAKSHMI NAGAR, THANDALAM – 602 105



### CS23A34
### USER INTERFACE AND DESIGN LAB

### Laboratory Observation NoteBook

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**Semester:** IV
**Academic Year:** 2024-25

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# Develop low-fidelity paper prototypes for a banking app and convert them into digital wireframes using Inkscape

**AIM:**

The aim is to construct low-fidelity paper prototypes for a banking app and digitize them into wireframes using Inkscape.

**PROCEDURE:**

**Step 1: Create Low-Fidelity Paper Prototypes**

1. Identify Core Features:

○ Determine the essential features of the banking app (e.g., login, dashboard, account management, transfers).

2. Sketch Basic Layouts:

○ Use plain paper and pencils to sketch the main screens.

○ Focus on the primary elements like buttons, navigation menus, and input fields.

3. Iterate and Refine:

○ Get feedback from users or stakeholders.

○ Make necessary adjustments to improve clarity and functionality.

**Step 2: Convert Paper Prototypes to Digital Wireframes Using Inkscape**

1. Install Inkscape:

○ Download and install Inkscape from the official website.

2. Create a New Document:


○ Open Inkscape and create a new document by clicking on File &gt; New.

3. Set Up the Document:

○ Set the dimensions and grid for your design. Go to File &gt; Document Properties to adjust the size.

○ Enable the grid by going to View &gt; Page Grid.

4. Draw Basic Shapes:

○ Use the rectangle and ellipse tools to draw the basic shapes for your UI elements (e.g., buttons, input fields, icons).


5. Add Text:

○ Use the text tool to add labels and placeholder text to your elements.

6. Organize and Align:

○ Arrange and align the elements to match your paper prototype.

○ Use the alignment and distribution tools to keep everything organized.

7. Group Elements:

○ Select related elements and group them together using Object > Group.

○ This helps keep your design organized and easy to edit.

8. Create Multiple Screens:

○ Duplicate your base layout to create different screens (e.g., login, dashboard, transfer).

○ Use Edit > Duplicate to create copies of your elements and arrange them for each screen.
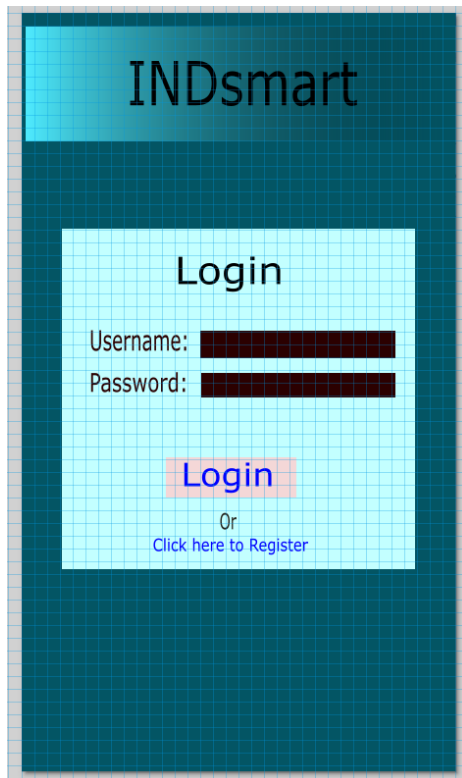
9. Link Screens (Optional):

○ If you want to show navigation flows, you can add arrows or other indicators to demonstrate how users will move between screens.

10. Export Your Wireframes:

○ Once you're satisfied with your digital wireframes, export them by going to File > Export PNG Image.

○ Choose the appropriate settings and export each screen as needed.

**OUTPUT:**
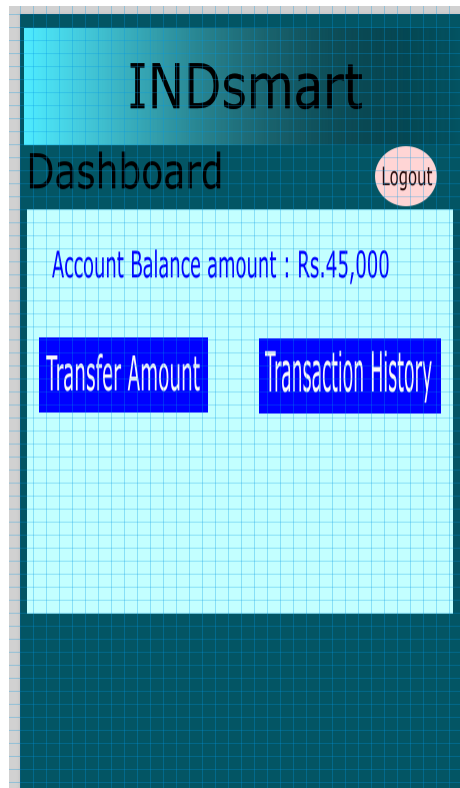
Login page                                              Dashboard



**INDsmart**

**Login**

Username: ▮▮▮▮▮▮▮▮▮
Password: ▮▮▮▮▮▮▮▮▮

**Login**
Or
Click here to Register



**INDsmart**
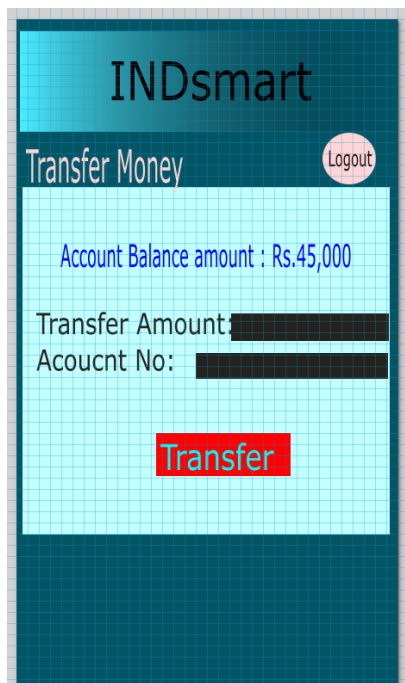
Dashboard                          Logout

Account Balance amount : Rs.45,000

Transfer Amount          Transaction History

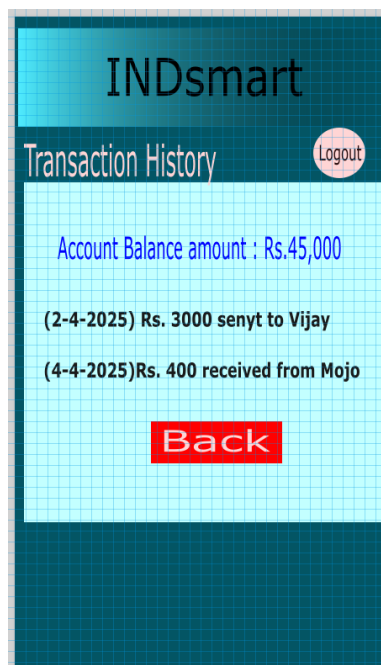Transfer Money                                          Transaction History



**INDsmart**

Transfer Money                    Logout

Account Balance amount : Rs.45,000

Transfer Amount:▮▮▮▮▮▮▮▮
Acoucnt No:  ▮▮▮▮▮▮▮▮

Transfer



**INDsmart**

Transaction History              Logout

Account Balance amount : Rs.45,000

(2-4-2025) Rs. 3000 senyt to Vijay

(4-4-2025)Rs. 400 received from Mojo

Back

**RESULT:**

A low-fidelity paper prototype for a banking app has been formed and convert into digital wireframes using Inkscape.