

# **RAJALAKSHMI ENGINEERING COLLEGE**

**RAJALAKSHMI NAGAR, THANDALAM – 602 105**



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

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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.

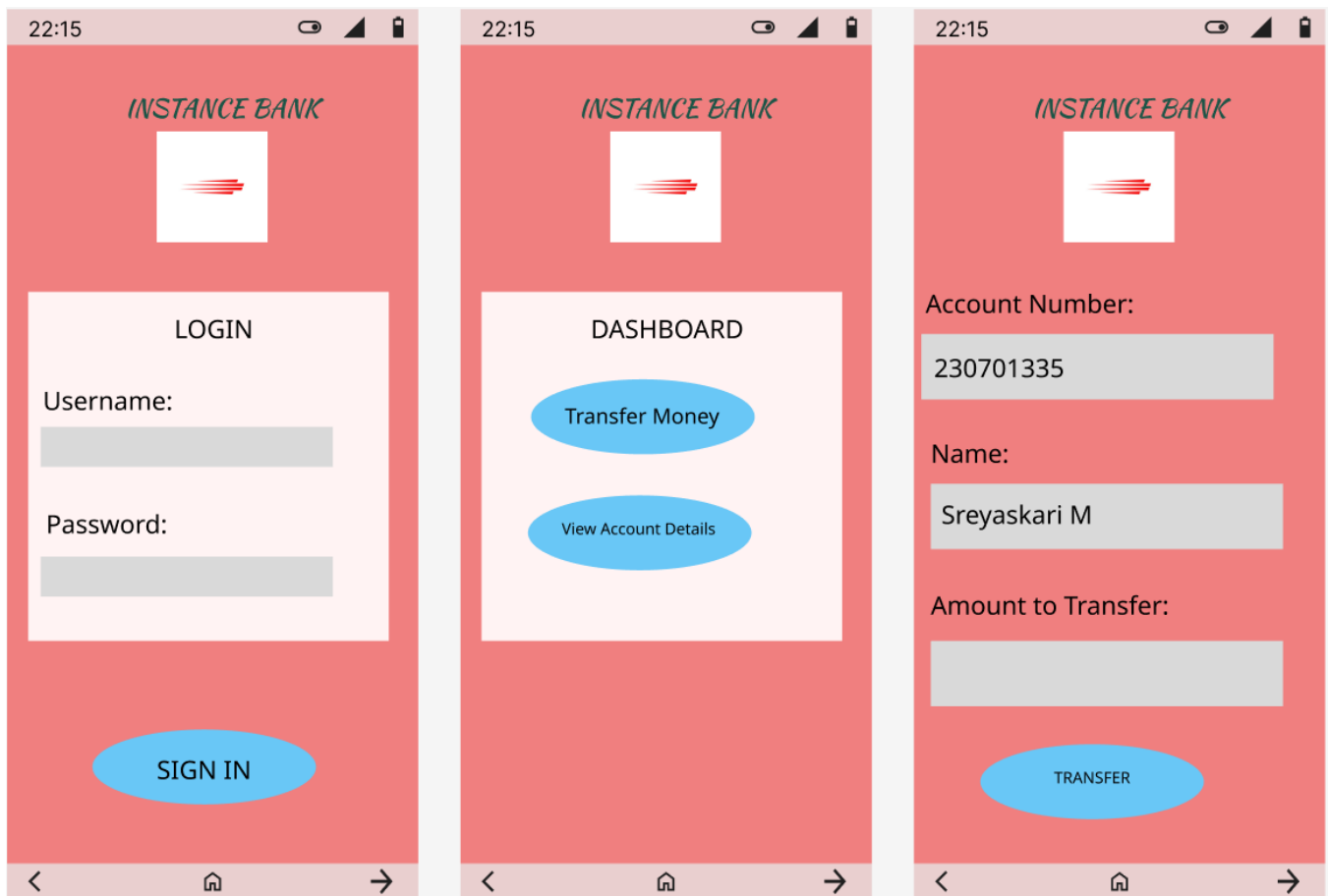
#### 9. Link Screens (Optional):

- 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:



**RESULT:**

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