

# **RAJALAKSHMI ENGINEERING COLLEGE**

**RAJALAKSHMI NAGAR, THANDALAM – 602 105**



**RAJALAKSHMI  
ENGINEERING COLLEGE**

**CS23A34  
USER INTERFACE AND DESIGN LAB**

**Laboratory Observation NoteBook**

**Name : Swetha**

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

**Register No. : 230701357**

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Register No. : 230701357

Name : Swetha.J

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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:**

Tool Link: <https://inkscape.org/>

#### **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 ,New.

### 3. Set Up the Document:

- Set the dimensions and grid for your design. Go to File ,Document

Properties to adjust the size.

- Enable the grid by going to View ,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.

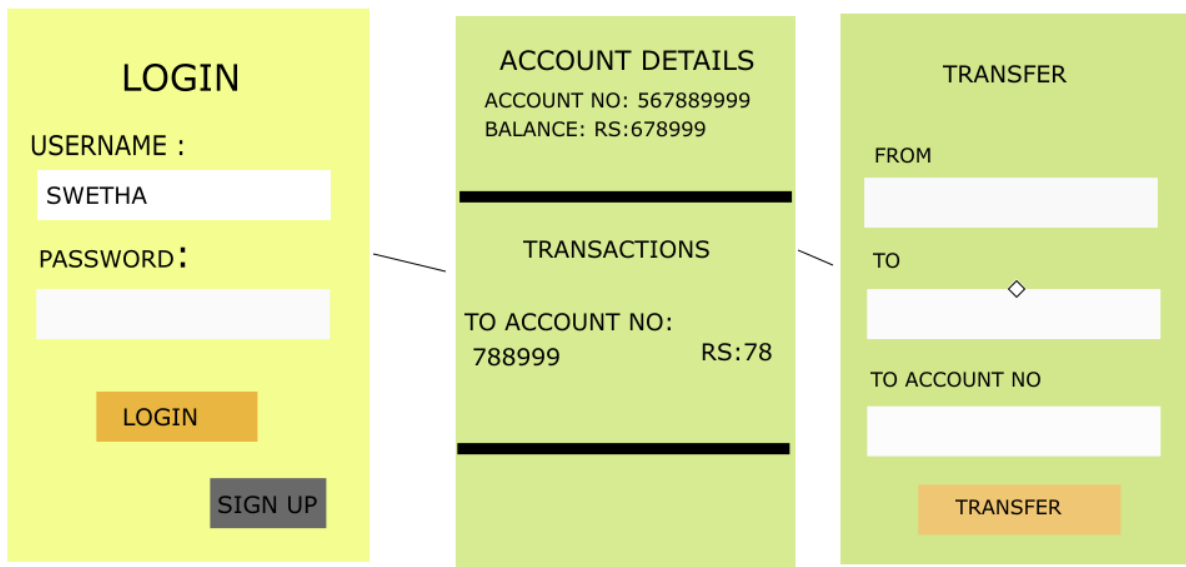
## 10. Export Your Wireframes:

- 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 prototypes for a banking app has been made and converted into digital wireframes using Inkscape.