

# **RAJALAKSHMI ENGINEERING COLLEGE**

**RAJALAKSHMI NAGAR, THANDALAM – 602 105**



**RAJALAKSHMI  
ENGINEERING COLLEGE**

**CS23A34  
USER INTERFACE AND DESIGN LAB**

**Laboratory Observation Notebook**

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

### **AIM:**

The aim is to develop low-fidelity paper prototypes for a banking app and convert them into digital wireframes with Pencil Project.

### **PROCEDURE:**

**Tool Link:** <https://pencil.evolus.vn/>

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

#### **1. Define the Purpose and Features:**

- Identify the core features of the banking app (e.g., login, account balance, transfers, bill payments).

#### **2. Sketch Basic Layouts:**

- Use plain paper and pencils to sketch basic screens.
- Focus on primary elements like buttons, menus, and forms.

#### **3. Iterate and Refine:**

- Get feedback from users or stakeholders.
- Iterate on your sketches to improve clarity and functionality.

### **Step 2: Convert Paper Prototypes to Digital Wireframes Using Pencil Project**

#### **1. Install Pencil Project:**

- Download and install Pencil Project from the official website.

## **2. Create a New Document:**

- Open Pencil Project and create a new document.

## **3. Add Screens:**

- Click on the "Add Page" button to create different screens (e.g., Login, Dashboard, Transfer).

## **4. Use Stencils and Shapes:**

- Use the built-in stencils and shapes to create UI elements.
- Drag and drop elements like buttons, text fields, and icons onto your canvas.

## **5. Organize and Align:**

- Arrange and align the elements to match your paper prototype.
- Ensure that the design is user-friendly and intuitive.

## **6. Link Screens:**

- Use connectors to link different screens together.
- Create navigation flows to show how users will interact with the app.

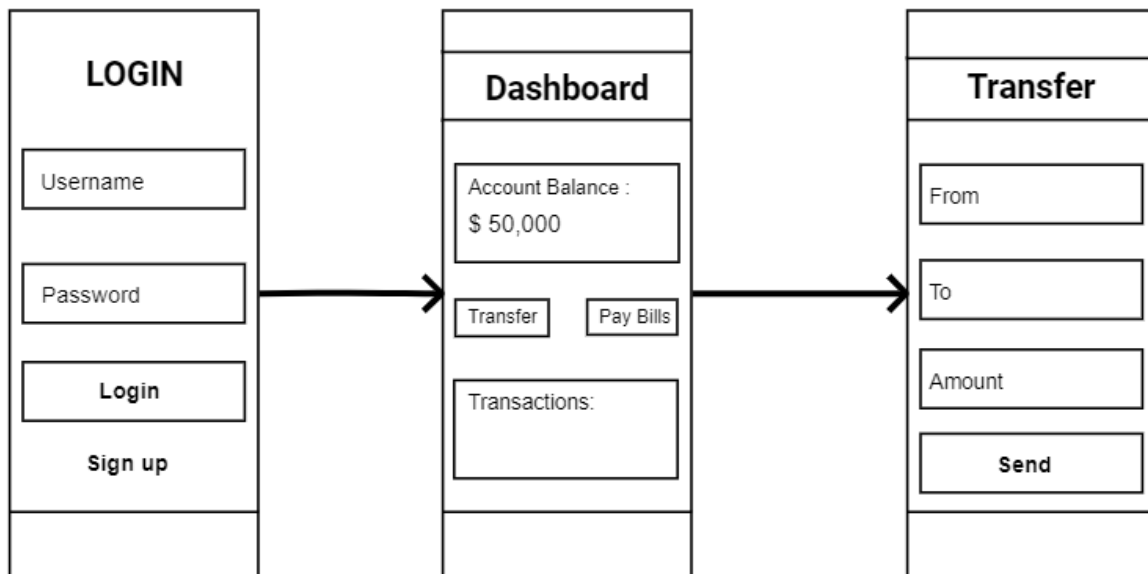
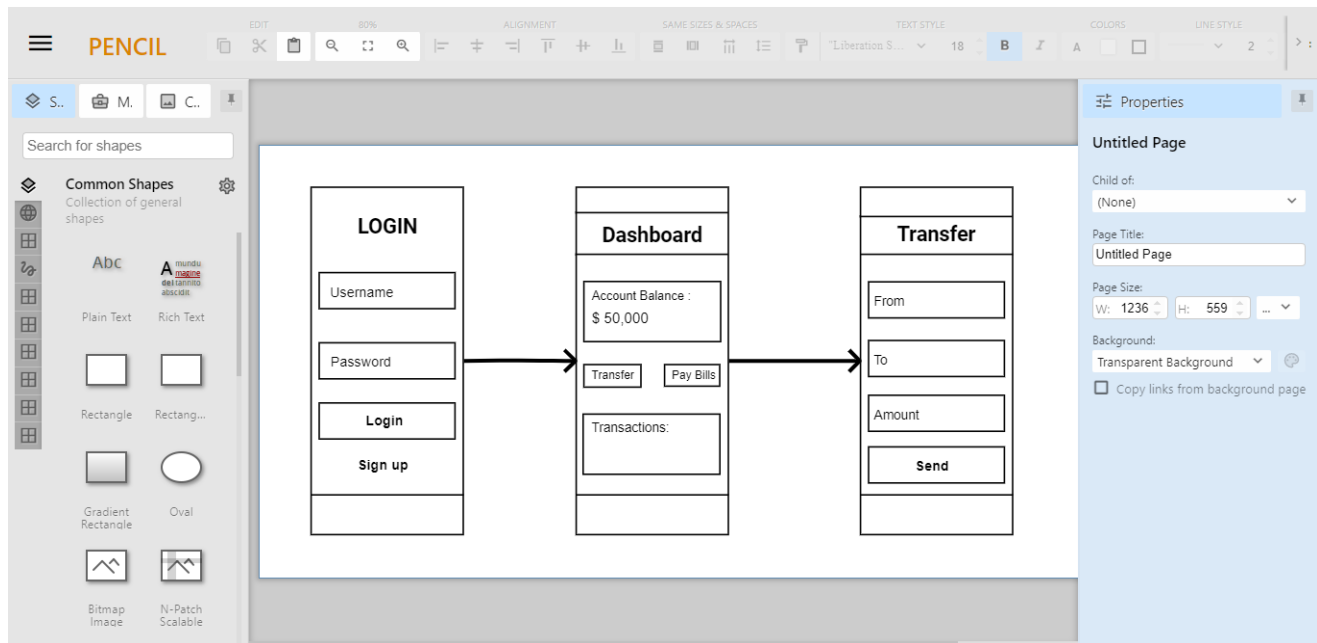
## **7. Add Annotations:**

- Include annotations to explain the functionality of different elements.

## **8. Export Your Wireframes:**

- Once satisfied with your digital wireframes, export them in your preferred format (e.g., PNG, PDF).

## OUTPUT:



## RESULT:

Hence we have developed low-fidelity paper prototypes for a banking app and converted them into digital wireframes with Pencil Project.