

# **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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## **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:

SecureBank

+

Username

Password

LOGIN

Login Page

Dashboard

Total Balance

\$12,345.67

→

Transfer

⌂

Pay Bills

📈

History

⋮

More

Dashboard

Transfer Money

From

Checking Account (\*1234)

To

Select account or enter details

Amount

\$ 0.00

TRANSFER

Transfer Money

Transaction History

Search transactions...

↓

Grocery Store

Apr 25, 2025

-\$45.75

↑

Salary Deposit

Apr 20, 2025

+\$2,500.00

↓

Coffee Shop

Apr 18, 2025

-\$5.25

Transaction History

**RESULT:**

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