# RAJALAKSHMI ENGINEERING COLLEGE

RAJALAKSHMI NAGAR, THANDALAM - 602 105



# 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: <a href="https://pencil.evolus.vn/">https://pencil.evolus.vn/</a>

# **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.
- o Focus on primary elements like buttons, menus, and forms.

### 3. Iterate and Refine:

- Get feedback from users or stakeholders.
- o 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.
- o 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.

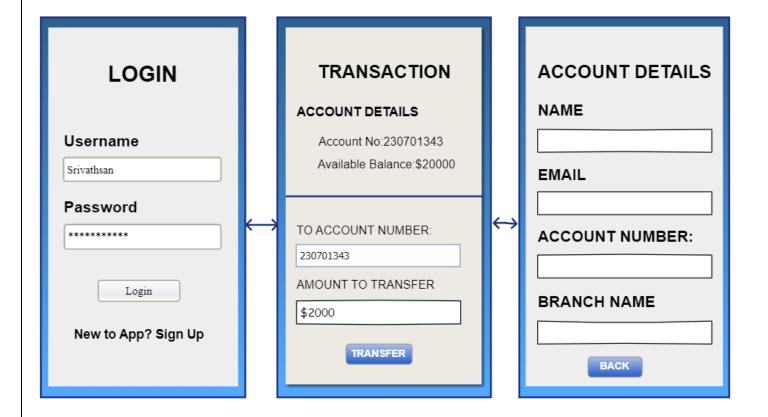
#### **Add Annotations:**

• 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.