

**RAJALAKSHMI ENGINEERING
COLLEGE RAJALAKSHMI NAGAR, THANDALAM**



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

Name : Tejushree Sanjeevikumar

Year/Branch/Section : II/CSE/D

Register No. : 230701360

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Ex. No. : 7a

Register No. : 230701360

Name : Tejushree sanjeevikuyamar

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:

Login Page Dashboard Page

The image displays three vertical wireframe screens for a banking application, each with a blue header bar labeled "IND BANK".

- Screen 1 (Login):** Features a grey background with a teal rectangular input field labeled "NAME", another teal rectangular input field labeled "ACC NO.", and a blue oval button labeled "LOGIN".
- Screen 2 (Dashboard):** Features a grey background with a blue header bar. Below the header, it says "WELCOME!!!". Then "ACC BALANCE:" followed by a white rectangular box containing the number "7492455". At the bottom, there are two cyan rectangular buttons labeled "TRANSFER" and "PAY BILLS".
- Screen 3 (Transfer Money):** Features a grey background with a blue header bar. Below the header, it says "Account Balance: Rs. 4,50,000". Then "To Account:" followed by a white rectangular input field. Below that, "IFSC code:" followed by a white rectangular input field. Then "Amount:" followed by a white rectangular input field. Then "Note:" followed by a white rectangular input field. At the bottom, there is a cyan rectangular button labeled "Send Money".

Transfer Money Page

RESULT:

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