

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: <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

INDsmart



Login

Username :

Password :

[Forgot password ?](#)

or

[Click here to register](#)

Dashboard

Welcome, Vishwa!

Logout

Account Balance: Rs. 4,50,000

Transfer Money

Transaction History

Pay Bills

Transfer Money Page

Transfer Money

Account Balance: Rs. 4,50,000

To Account:

IFSC code:

Amount:

Note:

Transaction History

Transaction History

Account Balance: Rs. 4,50,000

Date Range

Type

Date	Amount	Type	Account
1-4-2025	Rs.5000	To	Piyush
4-4-2025	Rs. 3000	From	Meenakshi

RESULT:

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