

RAJALAKSHMI ENGINEERING COLLEGE
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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:

The wireframe for the SecureBank login page features a blue header with the text "SecureBank". Below the header is a blue circle containing a white plus sign. Underneath this are two input fields: "Username" and "Password". At the bottom is a blue button labeled "LOGIN".

Login Page

The wireframe for the dashboard has a blue header with the text "Dashboard". Below the header is a white box displaying "Total Balance" and "\$12,345.67". At the bottom are four buttons: "Transfer" (with a right arrow icon), "Pay Bills" (with a double arrow icon), "History" (with a pie chart icon), and "More" (with a three dots icon).

Dashboard

The wireframe for the transfer money page has a blue header with the text "Transfer Money". Below the header are three input fields: "From" (containing "Checking Account (*1234)"), "To" (containing "Select account or enter details"), and "Amount" (containing "\$ 0.00"). At the bottom is a blue button labeled "TRANSFER".

Transfer Money

The wireframe for the transaction history page has a blue header with the text "Transaction History". Below the header is a search bar labeled "Search transactions...". Below the search bar are three transaction items, each with a date and a balance:

↓	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.