

RAJALAKSHMI ENGINEERING COLLEGE
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RAJALAKSHMI
ENGINEERING COLLEGE

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 image displays three digital wireframes for a banking application, connected by horizontal lines indicating a user flow. Each wireframe is a blue rectangle with white text and input fields.

- LOGIN Wireframe:** Features a title 'LOGIN' in a white box. Below it are labels 'USERNAME:' and 'PASSWORD:' followed by white input fields. The password field contains eight asterisks. A 'Sign Up' button is at the bottom, and a link 'New user? Create an account Sign in' is at the very bottom.
- TRANSACTION Wireframe:** Features a title 'TRANSACTION' in a white box. It includes labels 'ACC NO:' and 'ACCOUNT BALANCE:' with corresponding white input fields. The account number field contains '788548927541525' and the balance field contains '5,00,000'. There are three buttons: 'TRANSFER', 'PAY BILL', and 'ACCOUNT DETAILS'.
- ACCOUNT DETAILS Wireframe:** Features a title 'ACCOUNT DETAILS' in a white box. It includes labels 'NAME:', 'EMAIL:', 'ACC NO:', 'PHONE NO:', and 'BRANCH NAME:' with corresponding white input fields. A 'BACK' button is at the bottom.

RESULT:

Hence we have developed low-fidelity paper prototypes for a banking app and converted them into digital wireframes with Pencil Project.