

RAJALAKSHMI ENGINEERING COLLEGE
RAJALAKSHMI NAGAR, THANDALAM – 602 105



RAJALAKSHMI
ENGINEERING COLLEGE

CS23A34
USER INTERFACE AND DESIGN LAB

Laboratory Observation Notebook

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Register No. : 230701343
Semester : IV
Academic Year: 2024-25

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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

Username

Srivathsan

Password

Login

New to App? Sign Up

TRANSACTION

ACCOUNT DETAILS

Account No:230701343

Available Balance:\$20000

TO ACCOUNT NUMBER:

230701343

AMOUNT TO TRANSFER

\$2000

TRANSFER

ACCOUNT DETAILS

NAME

EMAIL

ACCOUNT NUMBER:

BRANCH NAME

BACK

RESULT:

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