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.
- o Focus on primary elements like buttons, menus, and forms.
- 3. Iterate and Refine:
- o 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:

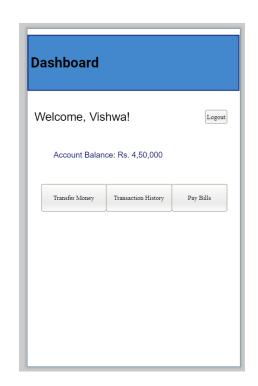
- o Download and install Pencil Project from the official website.
- 2. Create a New Document:
- Open Pencil Project and create a new document.
- 3. Add Screens:
- Click on the "Add Page" button to create different screens (e.g., Login,
 Dashboard, Transfer).
- 4. Use Stencils and Shapes:
- Use the built-in 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.
- o 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:

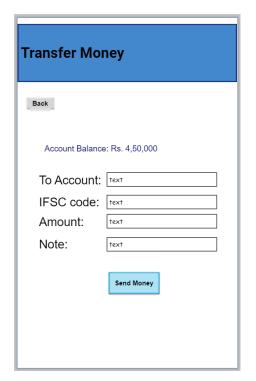
Login Page

Dashboard Page

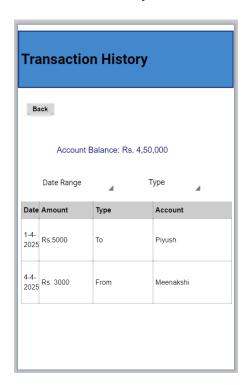




Transfer Money Page



Transaction History



RESULT:

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