

RAJALAKSHMI ENGINEERING COLLEGE

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RAJALAKSHMI
ENGINEERING COLLEGE

CS23A34
USER INTERFACE AND DESIGN LAB

Laboratory Observation NoteBook

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Year/Branch/Section : II/CSE/F

Register No. : 230701383

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Develop low-fidelity paper prototypes for a banking app and convert them into digital wireframes using Inkscape

AIM:

The aim is to construct low-fidelity paper prototypes for a banking app and digitize them into wireframes using Inkscape.

Tool Link: <https://inkscape.org/>

PROCEDURE:

Step 1: Create Low-Fidelity Paper Prototypes

1. Identify Core Features:

- Determine the essential features of the banking app (e.g., login, dashboard, account management, transfers).

2. Sketch Basic Layouts:

- Use plain paper and pencils to sketch the main screens.
- Focus on the primary elements like buttons, navigation menus, and input fields.

3. Iterate and Refine:

- Get feedback from users or stakeholders.
- Make necessary adjustments to improve clarity and functionality.

Step 2: Convert Paper Prototypes to Digital Wireframes Using Inkscape

1. Install Inkscape:

- Download and install Inkscape from the official website.

2. Create a New Document:

- Open Inkscape and create a new document by clicking on File > New.

3. Set Up the Document:

- Set the dimensions and grid for your design. Go to File > Document Properties to adjust the size.
- Enable the grid by going to View > Page Grid.

4. Draw Basic Shapes:

- Use the rectangle and ellipse tools to draw the basic shapes for your UI elements (e.g., buttons, input fields, icons).

5. Add Text:

- Use the text tool to add labels and placeholder text to your elements.

6. Organize and Align:

- Arrange and align the elements to match your paper prototype.
- Use the alignment and distribution tools to keep everything organized.

7. Group Elements:

- Select related elements and group them together using Object > Group.
- This helps keep your design organized and easy to edit.

8. Create Multiple Screens:

- Duplicate your base layout to create different screens (e.g., login, dashboard, transfer).
- Use Edit > Duplicate to create copies of your elements and arrange them for each screen.

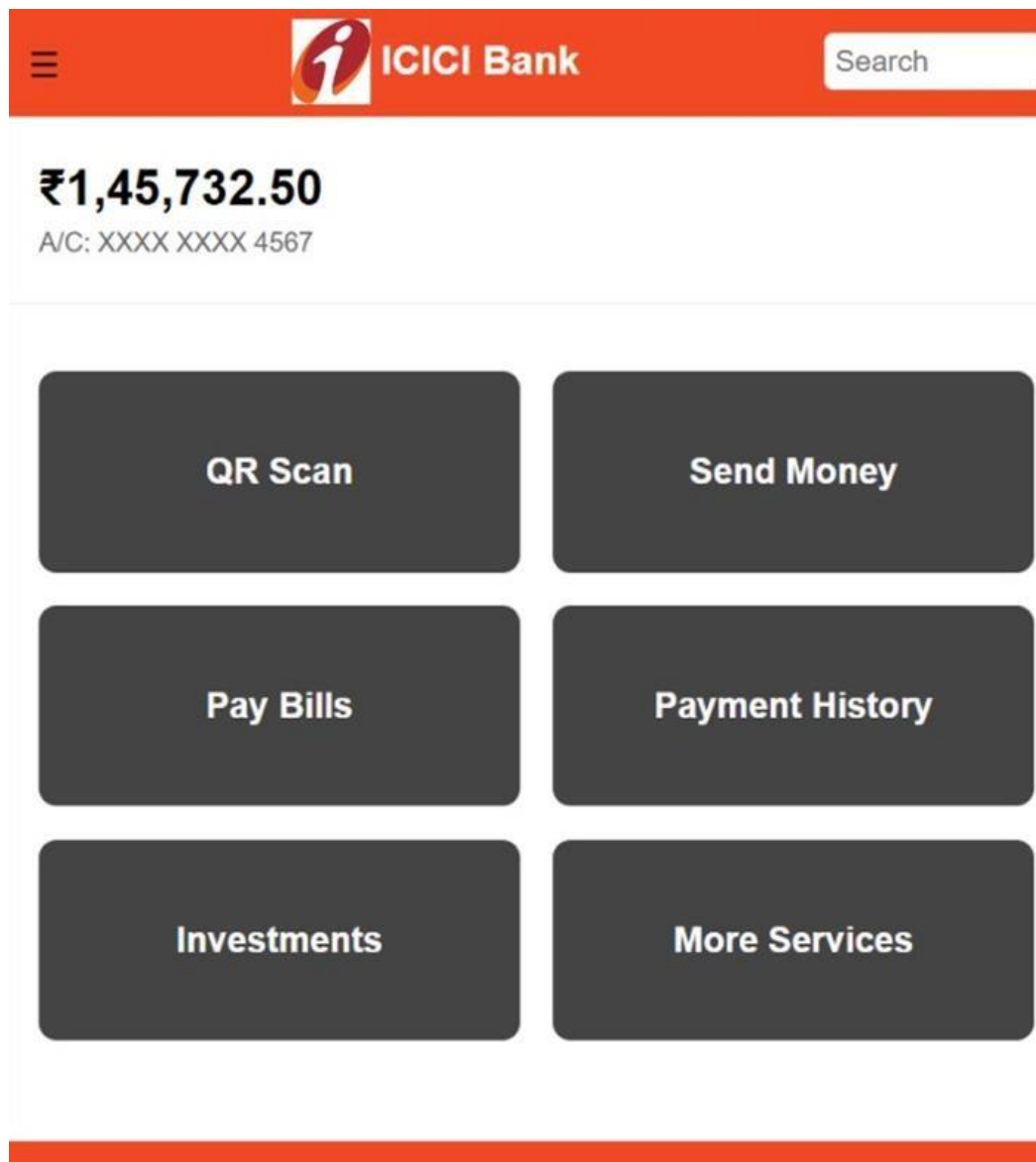
9. Link Screens (Optional):

- If you want to show navigation flows, you can add arrows or other indicators to demonstrate how users will move between screens.

10. Export Your Wireframes:

- Once you're satisfied with your digital wireframes, export them by going to File > Export PNG Image.
- Choose the appropriate settings and export each screen as needed.

OUTPUT:



RESULT:

Hence, low-fidelity paper prototypes for a banking app and digitize them into wireframes using Inkscape have been executed successfully.