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 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).

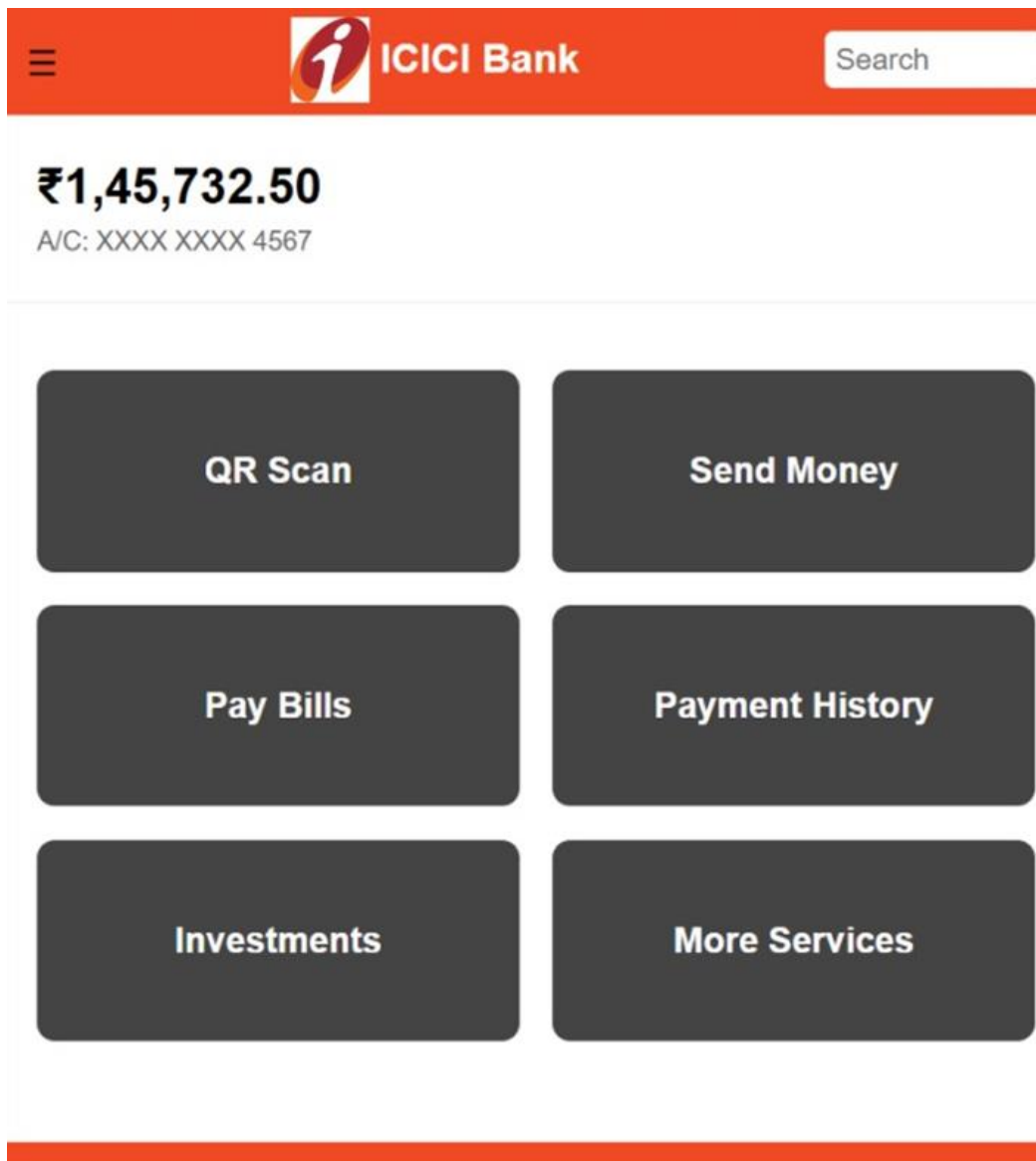 ○ Use Edit > Duplicate to create copies of your elements and arrange them for each screen.

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 digitizing them into wireframes using Inkscape have been executed successfully.