RAJALAKSHMI ENGINEERING COLLEGE

THANDALAM – 602 105

CS23A34   **USER INTERFACE AND DESIGN LAB**
Laboratory Observation NoteBook

Ex. No.   : 7b   Date   : 07.04.2025

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

- 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.

- Iterate and Refine:
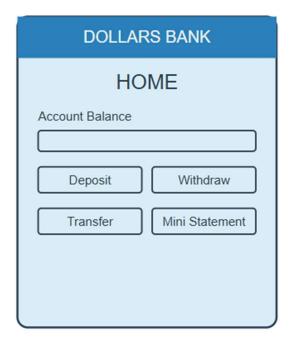   - Get feedback from users or stakeholders.

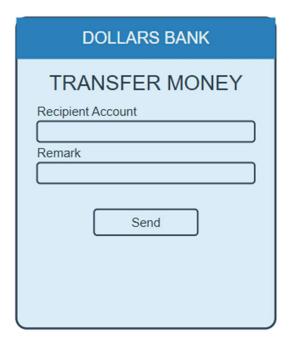- Make necessary adjustments to improve clarity and functionality.

Step 2: Convert Paper Prototypes to Digital Wireframes Using Inkscape

- Install Inkscape:

    - Download and install Inkscape from the official website.
- Create a New Document:
    - Open Inkscape and create a new document by clicking on File > New.
- 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.

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

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

    - Arrange and align the elements to match your paper prototype.

- Use the alignment and distribution tools to keep everything organized.

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