RAJALAKSHMI ENGINEERING COLLEGE

**RAJALAKSHMI NAGAR, THANDALAM – 602 105**

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

**Name :** SUBASH KRISHNAN A

**Year/Branch/Section :** II/CSE/D **Register No. :** 230701345

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**Register No. : 230701345 Name : SUBASH KRISHNAN A**

# 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.

1. Draw Basic Shapes: ○ Use the rectangle and ellipse tools to draw the basic shapes for your UI elements (e.g., buttons, input fields, icons).
2. 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.
3. Group Elements:
   * Select related elements and group them together using Object > Group.
   * This helps keep your design organized and easy to edit.
4. 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.
5. 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.

1. 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:

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**RESULT:**

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