

# **RAJALAKSHMI ENGINEERING COLLEGE**

**RAJALAKSHMI NAGAR, THANDALAM – 602 105**



**RAJALAKSHMI**  
**ENGINEERING COLLEGE**

**CS23A34**

**USER INTERFACE AND DESIGN LAB**

**Laboratory Observation Notebook**

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**Ex. No.: 7.b**

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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.

**PROCEDURE:**

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

**Step 1: Create Low-Fidelity Paper Prototypes**

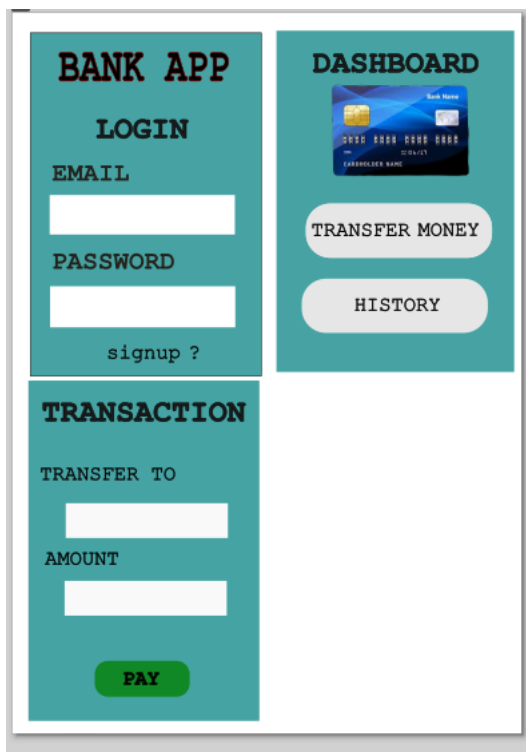
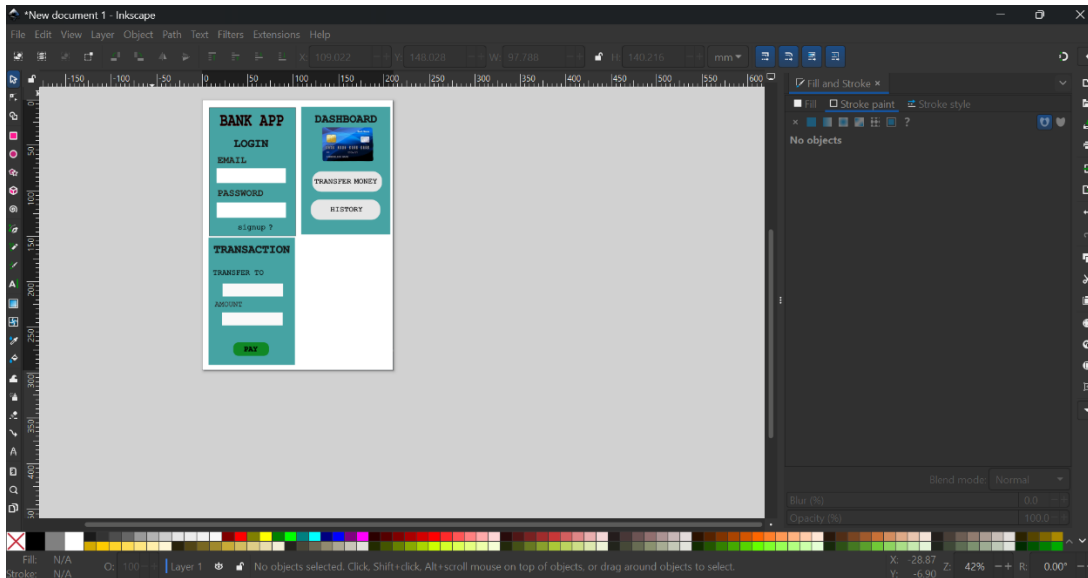
1. Identify Core Features:
  - Determine the essential features of the banking app (e.g., login, dashboard, account management, transfers).
2. Sketch Basic Layouts:
  - Use plain paper and pencils to sketch the main screens.
  - Focus on the primary elements like buttons, navigation menus, and input 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 is constructed.