EX NO :6   **DATE:5.04.2025**

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Experiment with different layouts and color schemes for an app. Collect user feedback on aesthetics and usability using GIMP(GNU Image Manipulation Program (GIMP)

AIM:

The aim is to trial different app layouts and color schemes and evaluate user feedback on aesthetics and usability using GIMP.

PROCEDURE:

Tool Link: https://www.gimp.org/ Step

1: Install GIMP

- **Download and Install:** Download GIMP from GIMP Downloads and install it on your computer.

Step 2: Create a New Project

1. **Open GIMP:**

   o   Launch the GIMP application.

2. **Create a New Canvas:**

   o   Go to File -> New to create a new project. o Set the dimensions for your app layout (e.g., 1080x1920 pixels for a standard mobile screen).

Step 3: Design the Base Layout

1. **Create the Base Layout:**

   o   Use the Rectangle Select Tool to create sections for different parts of your app (e.g., header, content area, footer).

   o   Fill these sections with basic colors using the Bucket Fill Tool.

Example Output: A base layout with defined sections for header, content, and footer.

0. **Add UI Elements:**

     ○ **Text Elements:** Use the Text Tool to add text elements like headers, buttons, and labels.

     ○ **Interactive Elements:** Use the Brush Tool or Shape Tools to draw buttons, input fields, and other interactive elements.

Example Output: A layout with labeled sections and basic UI elements.

0. **Organize Layers:**

     ○ Use layers to separate different UI elements. This allows you to easily modify or experiment with individual components. ○ Name each layer according to its content (e.g., Header, Button1, InputField).

Step 4: Experiment with Color Schemes

1. **Create Color Variants:**

     ○ **Duplicate Layout:** Duplicate the base layout by right-clicking on the image tab and selecting Duplicate.

     ○ **Change Colors:** Use the Bucket Fill Tool or Colorize Tool to change the colors of the UI elements in each duplicate.

Example Output: Multiple color variants of the same layout.

0. **Save Each Variant:**

     ○ Save each color variant as a separate file (e.g., Layout1.png, Layout2.png, etc.).

     ○ Go to File -> Export As and choose the file format (e.g., PNG).

Step 5: Collect User Feedback

1. **Prepare a Feedback Form:**

     ○ **Create Form:** Create a feedback form using tools like Google Forms or Microsoft Forms.

- o **Include Questions:** Include questions about the aesthetics and usability of each layout and color scheme.

2. **Share the Variants:**

   - o **Distribute Files:** Share the image files of the different layouts and color schemes with your users.

   - o **Provide Instructions:** Provide clear instructions on how to view each variant and how to fill out the feedback form.

3. **Gather Feedback:**

   - o Collect responses from users regarding their preferences and suggestions. o Analyze the feedback to determine which layout and color scheme are most preferred.
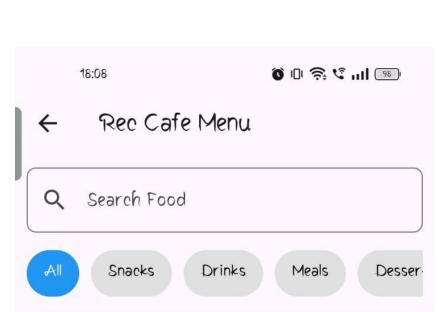
Step 6: Iterate and Refine

1. **Refine the Design:**

   - o Based on the feedback, make necessary adjustments to the layout and color scheme. o Experiment with additional variations if needed.
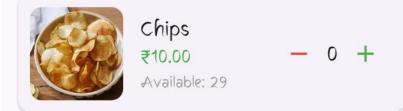
2. **Final Testing:**

   - o Conduct a final round of testing with the refined design to ensure usability and aesthetic satisfaction.

OUTPUT:

Rec Cafe Menu

Search Food

All   Snacks   Drinks   Meals   Desser-

Biryani
₹50.00
Available: 0

Out of Stock

Dosa
₹10.00
Available: 6

— 0 +

Chips
₹10.00
Available: 29

— 0 +

Fried rice
₹60.00
Available: 50

— 0 +

Meals
₹60.00
Available: 48

— 0 +

RESULT:

Different layouts and color schemes for an app. Collect user feedback on aesthetics and usability using GIMP(GNU Image Manipulation Program (GIMP) has been executed successfully.