Exercise 6   **Date:**

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:**
   - Launch the GIMP application.

2. **Create a New Canvas:**
   - Go to File -> New to create a new project.
   - 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:**

- Use the Rectangle Select Tool to create sections for different parts of your app (e.g., header, content area, footer).
- Fill these sections with basic colors using the Bucket Fill Tool.

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

2. **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.

3. **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.

2. **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.
   ○ **Include Questions:** Include questions about the aesthetics and usability of each layout and color scheme.

2. **Share the Variants:**
   ○ **Distribute Files:** Share the image files of the different layouts and color schemes with your users.
   ○ **Provide Instructions:** Provide clear instructions on how to view each variant and how to fill out the feedback form.

3. **Gather Feedback:**
   ○ Collect responses from users regarding their preferences and suggestions.
   ○ Analyze the feedback to determine which layout and color scheme are most preferred.
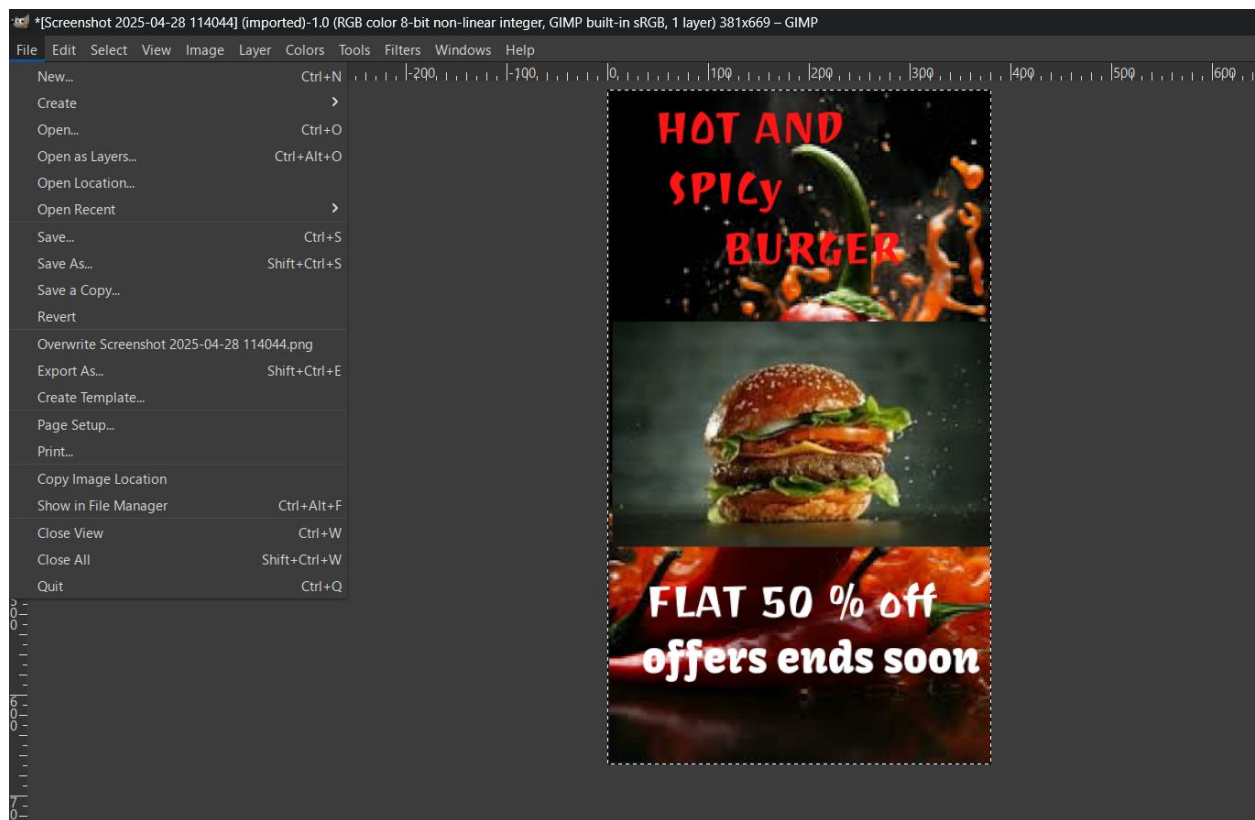
Step 6: Iterate and Refine

1. **Refine the Design:**
   ○ Based on the feedback, make necessary adjustments to the layout and color scheme.
   ○ Experiment with additional variations if needed.

2. **Final Testing:**
   ○ Conduct a final round of testing with the refined design to ensure usability and aesthetic satisfaction.

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