**Exercise 10:**

**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 elementslike 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 layersto 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:**

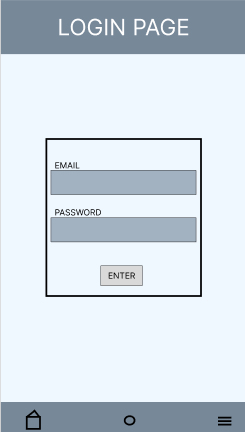
○ Based on the feedback, make necessary adjustments to the layout and color scheme.

○ 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.

**OUTPUT:**

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