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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:

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.

#### 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.  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**

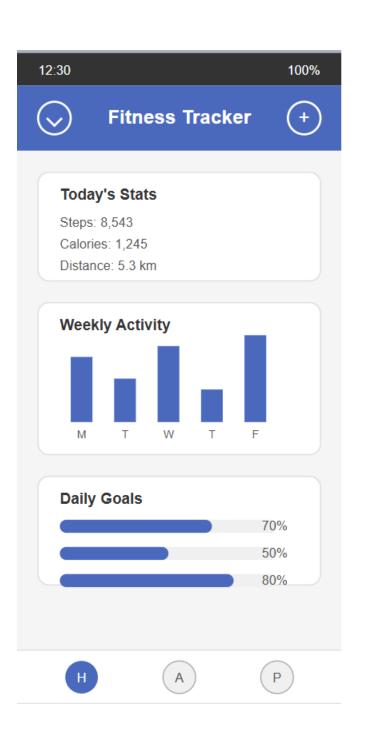
# 1. Refine the Design:

- 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:**



# **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.