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EXPERIMENT-7

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 and install it on your computer.

Step 2: Create a New Project

- Open GIMP:

  - Launch the GIMP application.

- 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

- 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.

- 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.

- 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

- 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.

- 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

- Prepare a Feedback Form:

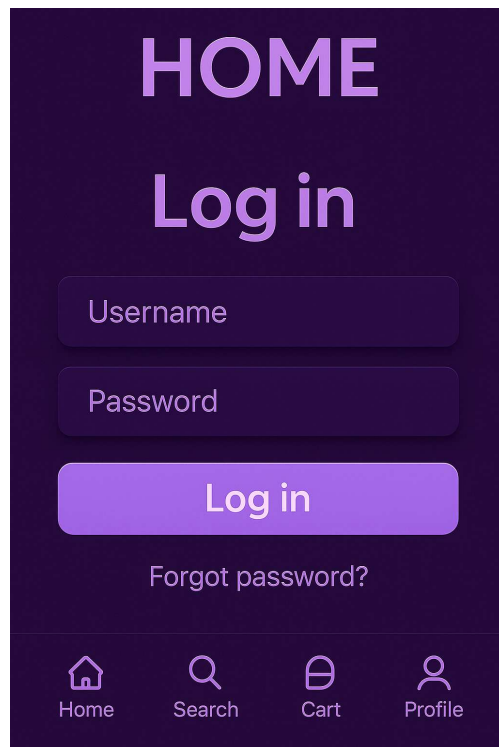   - Create Form: Create a feedback form using tools like Google Forms or Microsoft Forms.

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

- 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.

- 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

- Refine the Design:

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

    - Experiment with additional variations if needed.

- Final Testing:

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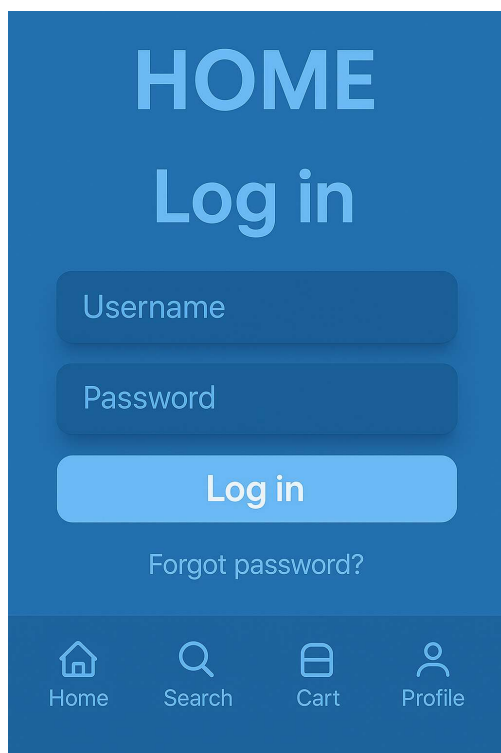
OUTPUT:

Experiment with Color Schemes(design 1):

This image showcases a sleek and modern login screen for a mobile application, designed using a dark purple theme with glowing lavender accents. At the top of the screen, the word "HOME" is prominently displayed in a bold, glowing font, immediately capturing the user's attention. Just below it, the "Log in" title is presented in a similarly styled glowing text, maintaining visual consistency. The central portion of the interface includes two neatly rounded input fields labeled "Username" and "Password," both designed with a smooth dark purple background that blends well with the overall theme. Beneath these fields is a glowing lavender "Log in" button, visually standing out as the primary action element on the screen. Below the button, a subtle "Forgot password?" link is included for user convenience. At the bottom of the screen, a navigation bar contains four glowing icons

for Home, Search, Cart, and Profile, making it easy for users to move between different sections of the app. The overall aesthetic of the UI is futuristic, clean, and visually engaging, appealing to users who appreciate a vibrant and modern interface design.

Experiment with Color Schemes(design 2):

This image showcases a mobile app login screen with a clean and modern blue-themed user interface. At the top, bold uppercase text reads "HOME," followed by a large "Log in" prompt, indicating the main function of the screen. Beneath that are two rounded input fields labeled "Username" and "Password," designed with a darker blue shade to contrast against the lighter blue background. A prominent light blue "Log in" button sits below the input fields, inviting user interaction. Just beneath it is a "Forgot password?" link in subtle, soft text. At the bottom of the screen is a navigation

bar containing four icons—Home, Search, Cart, and Profile—each accompanied by corresponding labels in light blue. The overall aesthetic is sleek, user-friendly, and visually cohesive, making it ideal for modern applications.

Collect User Feedback:

Feedback 1: The background colour is making the Ui elements not visible.

Rating:
 Design 1 :3.5/5
 Design 2 :3/5

Feedback 2: The blue-themed login screen is visually cohesive and easy to navigate, offering a modern and calming user experience. The clear layout and intuitive icons enhance usability for all users.

Rating :
Design 1 :2.5/5
 Design 2 :3.5/5

Feedback 3: The layout is intuitive and user-friendly, making navigation and interaction straightforward for users.

Rating :
Design 1 :2/5
 Design 2 :3/5