Experiment-7

Experimenting with App Layouts and Color Schemes: A Design, Feedback, and Refinement Approach

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Tool Used: GIMP

AIM

The aim of this experiment is to design multiple versions of a **Login Page**, explore different colour schemes, and finalize the most effective design based on usability, aesthetic appeal, and visual comfort.

Introduction

In this experiment, I focused on designing a **Login Page** by creating three different versions with distinct color schemes.
The objective was to evaluate the **visual appearance, user-friendliness, and clarity** of each version and select the best one based on user experience considerations.
After reviewing all the designs, I finalized the most suitable version which was both vibrant and user-friendly.

This documentation explains the entire process from initial design to final selection.

Layout Design Process

- I started by setting up a basic structure for the **Login Page**.
- The page included:
  - A **Header** for the "Login" title.
  - Two **Input Fields**: for **Email** and **Password**.
  - An **Eye icon** to toggle password visibility.
  - A **Login Button** for submission.

- o **Forgot Password** and **Sign Up** links for navigation.
- Proper alignment, padding, and spacing were maintained to enhance the clarity and neatness of the design.

Experimentation with Color Schemes

I experimented with three different color schemes:

Version	Description
Version 1	Background: Light Purple, Header: Pink, Button: Purple
Version 2	Background: Light Cyan, Header: Maroon, Button: Light Purple
Version 3	Background: Bright Green, Header: Blue, Button: Brown

Each version was designed to observe how different color moods affect the feel and readability of the login page.
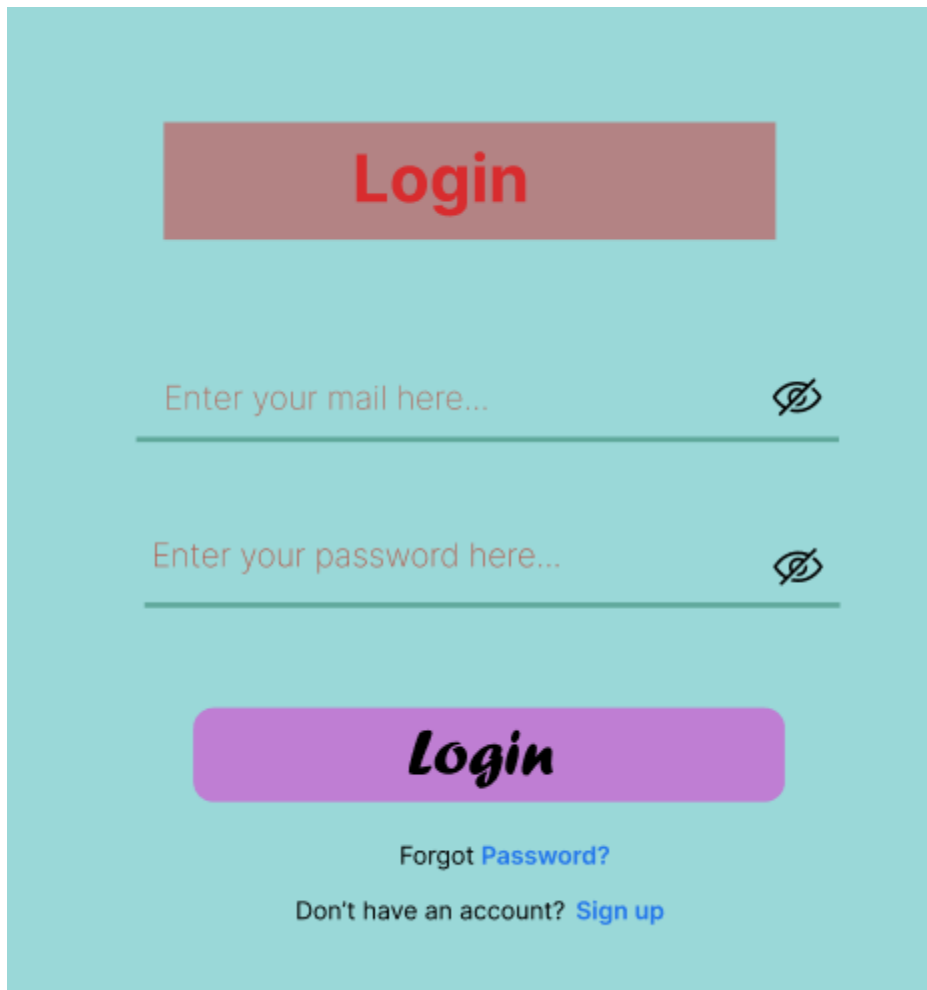

Feedback and Observations

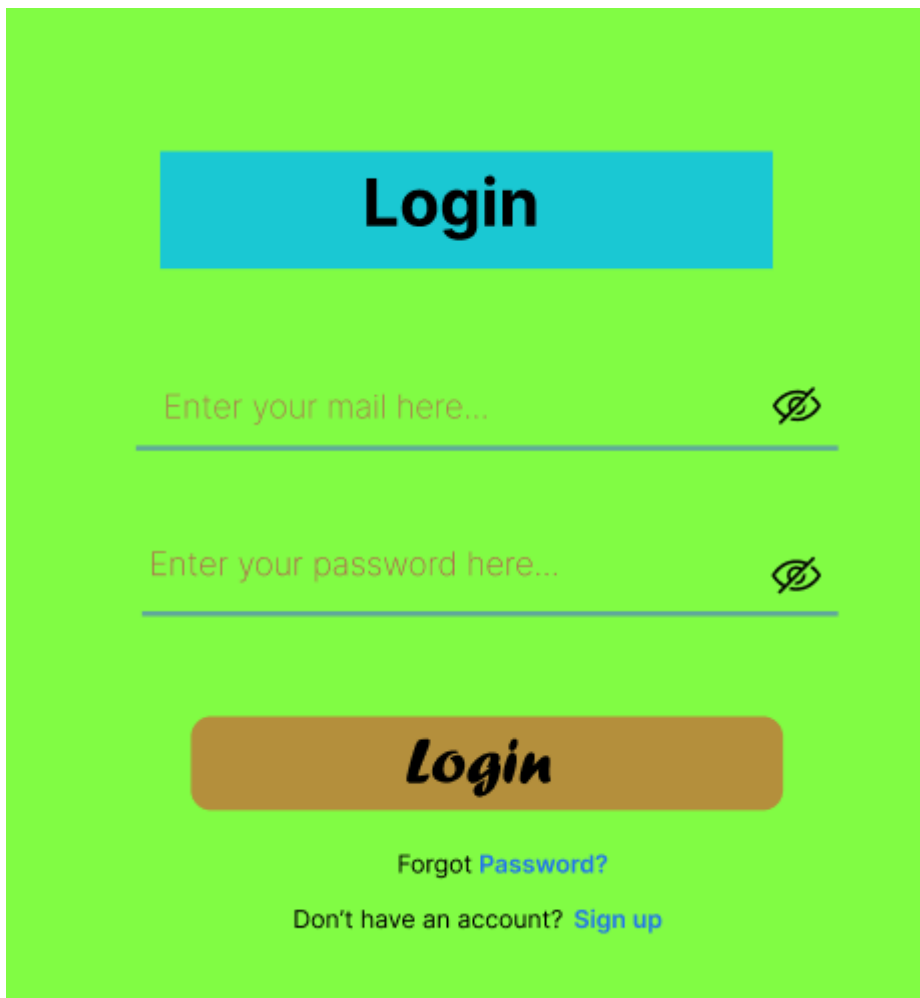| Version	Feedback/Observation
Version 1 (Light Purple Theme)	Looked soft but the overall contrast was too low; elements merged into the background.
Version 2 (Cyan Theme)	Better readability but felt a bit cold and disconnected emotionally.
Version 3 (Green Theme)	Fresh, vibrant, and clear; good contrast and engaging to users. Easy visibility of all elements.

Reaction to Feedback and Final Refinement

Based on observations and evaluation:

- **Version 3 (Green Layout)** was selected as the final version.
- Reasons for choosing:
    - High contrast ensured excellent readability.
    - Vibrant and energetic look, making it user-friendly.
    - Button visibility and text clarity were strong.

Minor refinements made:

- Checked color consistency across header, inputs, and buttons.
- Ensured sufficient padding for better touch targets (button size).

Final Color Codes Used (Version 3)

UI Element	Color	Hex Code
Background	Bright Green	#7FFF00
Header	Blue	#00BFFF
Button	Brown	#A0522D
Text	Black	#000000

Final Result

The final layout is **energetic, clear, and user-centric**.

- A balance between vibrant aesthetics and functional usability is achieved.
- The login page now provides a smooth first impression to users.

Conclusion

Through this exercise, I learned:

- How different color choices drastically impact user experience.
- The importance of clarity and contrast in login forms.
- How to finalize a design based on user-friendly principles.

The final design achieved both **aesthetic beauty** and **ease of use**, meeting the objective of the experiment successfully.