

Photo Editing Assignment Report

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Assignment Title: Seamless Person Integration in a New Background

Objective

The aim of this assignment was to seamlessly integrate a subject (person) into a different background using professional photo editing techniques. The goal was to maintain realistic lighting, shadow placement, and color balance to ensure that the final output appears natural and convincing.

Tools & Techniques Used

- Software: Adobe Photoshop / GIMP (whichever you used)
- Techniques:
 - Layer Masking: Used to isolate the subject from the original background while preserving fine details like hair and edges.
 - Gaussian Blur: Applied selectively to generate natural-looking shadows beneath the subject.
 - Color Matching: Adjusted hue, saturation, and brightness of the subject to match the new environment.
 - Manual Blending: Fine-tuned edges and transitions between subject and background to remove harsh cut lines.
 - Shadow Layering: Created a custom shadow layer with blur and reduced opacity to match the light source in the background.

Challenges Faced

One of the key challenges was preserving the natural look of the shadows and ensuring the lighting direction of the subject matched the new background. Initial attempts gave a stylized or animated appearance, which was later corrected by rebalancing saturation and adjusting contrast levels. Care was taken to maintain the original attire and environment cues.

Final Outcome

The final image reflects a realistic integration of the subject into the new scene with balanced lighting, natural shadows, and proper scaling. The edit avoids artificial effects and closely matches real-world photographic aesthetics.

Conclusion

This assignment was a valuable exercise in understanding advanced editing principles like spatial perception, lighting, and texture consistency. It enhanced my skills in visual realism and post-processing, which are crucial for any creative or visual design task.