

In this implementation, several enhancements were made to improve the functionality and user experience. First, the necessary libraries like ``rembg``, ``Pillow``, and ``matplotlib`` were installed to handle background removal, image manipulation, and visualization. Users can now upload an image from their local device using Google Colab's file upload method. The background removal is achieved through the ``rembg`` library's ``remove()`` function, which processes the uploaded image and removes its background. To make the process more user-friendly, I added functionality to display the original image and the background-removed image side by side using ``matplotlib``, making it easy to visualize the difference. Additionally, after the image is processed, it is saved locally, and users are given the option to download the image directly. This enhancement integrates all aspects of the background removal process—uploading, processing, visualizing, and downloading—into a seamless experience.