ProStyle

User Manual

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Revision Date:

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Introduction

Brief Overview

Welcome to the ProStyle user manual, which will guide you on how to use the web-based ProStyle image conversion tool. ProStyle allows you to easily apply a variety of artistic styles to your photos and use the included image enhancement tools to expand the resolution of your images to create unique works. ProStyle aims to provide an intuitive interface to use and incorporates advanced technologies to ensure a smooth user experience.

Target Audience

ProStyle is designed to serve all users who are interested in image style transfer and enhancement, regardless of whether you have an artistic or technical background. The tool, along with the accompanying user manual, tries to provide a user-friendly interface and guidance to help you edit images without any obstacles. This user manual also provides accessibility, with alternate text for screen readers to identify each image.

System Requirement

Hard requirements: To use ProStyle effectively, you must have the ability to access a modern web browser (like Chrome, Safari, or Edge) and connect to the Internet.

Usage Suggestion: Although there are no explicit hardware requirements, a device with sufficient processing power and memory will enhance the experience of the image processing stage. For the best experience, we recommend that you use the latest version of Chrome on 13-inch Mac and ensure that your device is connected to a stable and fast Internet connection. This will ensure that images are uploaded, processed, and downloaded as efficiently as possible.

Getting Started

Access to the Webpage

Step by Step Instructions：

Step 1　Open your browser.
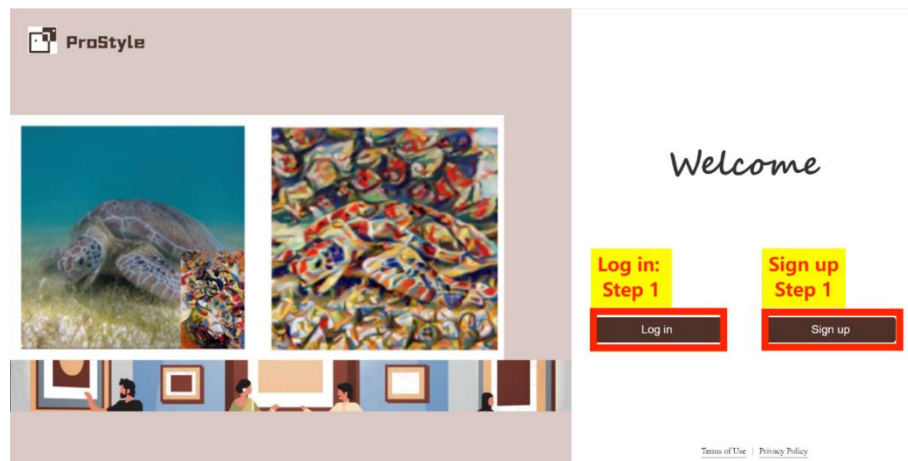**Step 2**　Enter URL.

Step 3   Visit the homepage.

Fig. 1

Identity Verification

Necessity to have an account:

Login/Register - There are two buttons on the right side of the page: "Log in" and "Sign up". To take full advantage of all of ProStyle's features, you will need to create an account. If you are already a user, click "Log in" to log in; if you are new to ProStyle, click "Sign up" to register for an account.

Links to Legal Information - At the bottom of the page are links to "Terms of Use" and "Privacy Policy". We recommend that you read these documents to understand your rights and obligations before creating an account or starting to use our services.

Sign up

This section provides step-by-step instructions for completing the registration process. First-time users should follow the step-by-step instructions below to complete the registration process. If you already have an account, please ignore this section and log in directly.
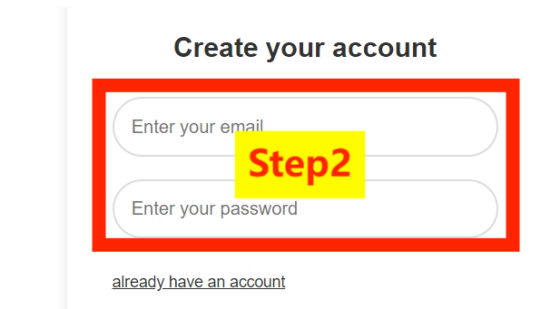
Step by Step Instructions:

Fig. 2

Fig. 3

Step 1   Click the "Sign up" button on the home page to enter the information.

Step 2   Follow the prompts to fill in the necessary information to create a new account.

Step 3   Set security questions to confirm identity when retrieving your password in the future.

Step 4   Tick to agree to "Terms of Use" and "Privacy Policy".

Step 5   Click "Continue" to complete the registration process.

    i. If you are prompted for "Email already registered", please click "already have an account" to return to the login page to log in.

Log in

This section guides the user step-by-step through the login process to experience all of Prostyle's features.

Step by Step Instructions：

Login 图片

Step 1   Click on the "Log in" button on the homepage.

Step 2   Enter your email address and password in the corresponding text boxes.

Step 3   Click "Continue" to complete the login process.

    i. If you are prompted for "invalid email", please check whether the account number is entered incorrectly or return to the registration interface to register a new account.

ii.   If you are prompted for "Wrong password", please check whether you have entered your password incorrectly or click on "Forget Password" to go to the Forgot Password section to reset your password.

Forget Password

This section provides a step-by-step guide to resetting passwords for existing accounts for users who have failed to log in due to incorrect or forgotten passwords.
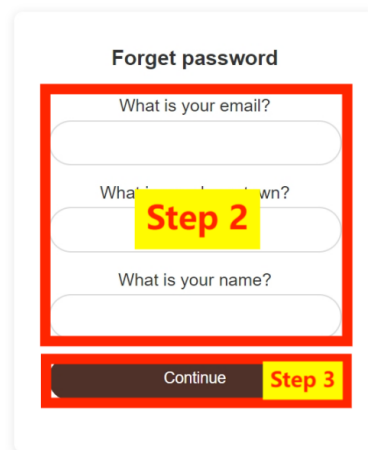
Step by Step Instructions：

Fig. 4

Step 1   Click " forget password" on the login page to enter the password reset interface.

Step 2   Fill in the account and security questions in the corresponding fields.

Step 3   Click continue to verify identity.

Step 4   Enter the new password in the corresponding field.

Step 5   Click "Continue" to complete the password reset.

    i.   If you are prompted for "Email is not valid", please check for typing errors or go to Sign up to create a new account.

    ii.   If you are prompted for "Wrong name and hometown", please check for typing errors.

Caveat

1.   For security reasons, it is recommended that you choose a strong password that contains letters, numbers, and special characters.

2.   Keep the answers to your security questions in mind, they are key information to recovering your account.

3.   For any login or registration issues, you can contact our customer support for assistance.
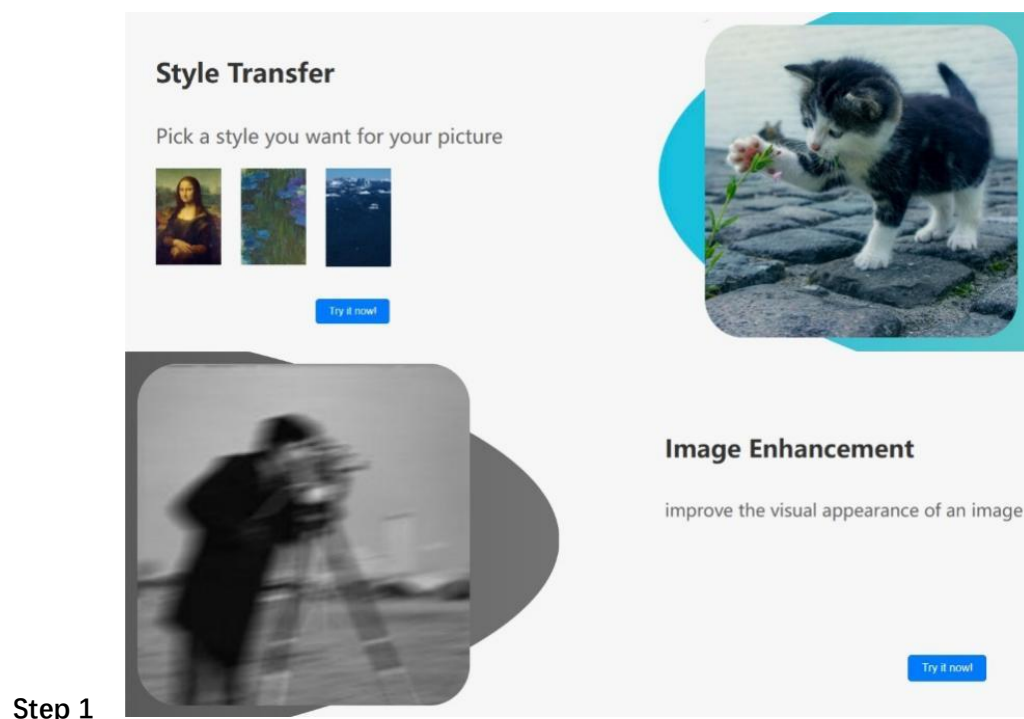
Software Overview

This section provides an overview of the main interfaces of the ProStyle software, including key operating areas, menus, and major functions.

Dashboard

Interface Description: The interface is the dashboard, which showcases the platform's main image processing features, including style transfer and image enhancement. Each feature is shown through a series of selected examples to demonstrate its potential effects and applications.

Interface Feature(s):
1. **Feature Showcase:** Users can browse the dashboard and preview sample results for each image processing function by clicking on the images.

2. **Intuitive Navigation:** Users can easily understand each feature and decide which services they want to try with an intuitive layout and examples. For features of interest, users can quickly jump to the corresponding functionality by clicking the "Try it now!" button under each display.

Step 1

Fig. 5

Navigation Bar

Interface Description: To the left of the main features, we provide an intuitive navigation bar that gives users easy access to the main image processing features.

Interface Feature(s):

1. **Feature Display:** Each function is clearly marked, and the currently selected function is displayed to assist users in completing the required image processing tasks.

2. **Feature Access:** By clicking any function in the navigation bar. users can quickly jump to the corresponding operation page.
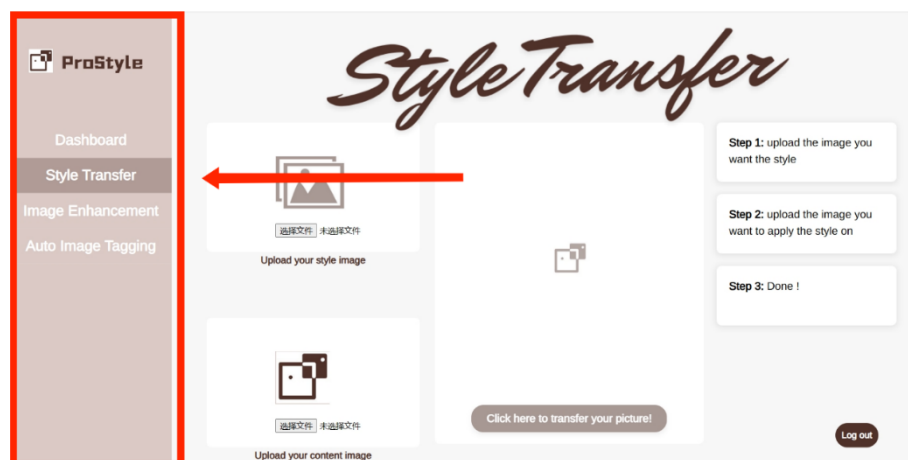

Fig. 6

Style Transfer Interface

Interface Description: Style transfer is a core feature of the ProStyle platform, which allows users to apply an artistic style to their own images. On this page, you can choose different artistic styles and preview the results.

Interface Feature(s):

1. **Style Selection:** Users can upload pictures of various artistic styles by themselves.

2. **Result Preview:** Users can see what their images look like when different styles are applied.
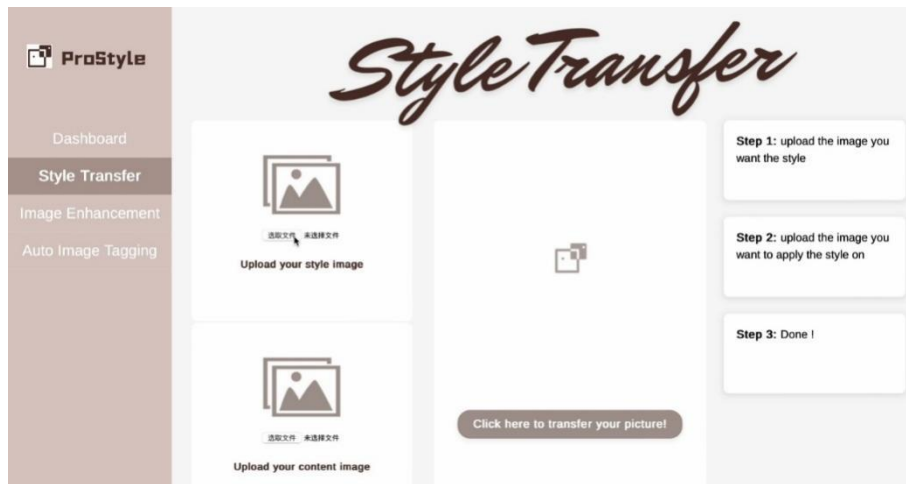
Fig. 7

Image Enhancement Interface

Interface Description: Image enhancement is another important feature that gives the user tools to improve the size of the picture. The main task is to increase the size of the picture without changing the clarity.

Interface Feature(s):
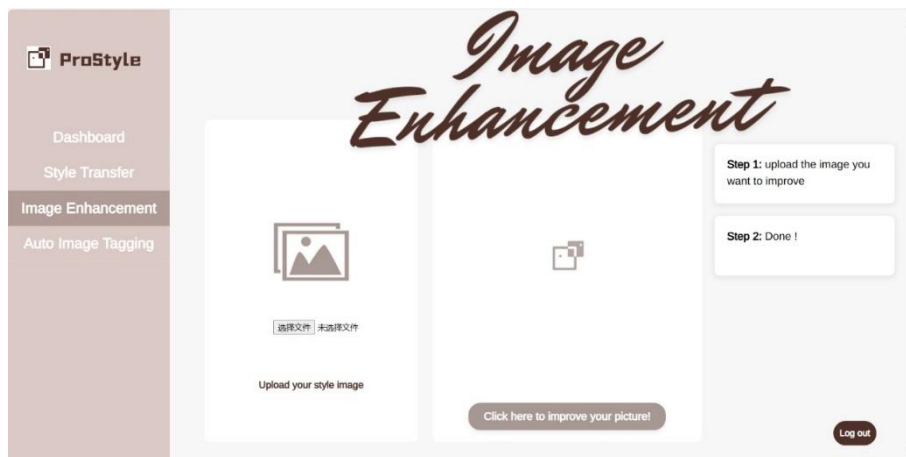1. **Image Size Improvement:** Users can upload images and use the tool to improve their size.

Fig. 8

Feature and Function

This section provides step-by-step instructions for using each feature. Read the corresponding subsections for more detailed information about each specific area and function.

Style Transfer

Style transfer supports both **PNG** and **JPEG** types of images.

Fig. 9

Step by Step Instructions：

Step 1   点击 Dashboard 的 Try it now 进入 transfer 界面

Step 2   Upload your style image in the "Upload Your Style Image" area. This image will define the style.

Step 3   Upload your content image in the "Upload Your Content Image" area. This image will define the content.

    a)   Exception

        i.   If

        ii.   If

        iii.   If

Step 4   To start the style transfer operation, click the "Click here to transfer your picture!" button.

        i.   Exceptions

            1.   If

            2.   If

            3.   If

Step 5   Preview the Result: If you are happy with the result, you can choose to save your work. If not, you can re-upload a new style or content image and repeat the process.

Image Enhancement

Image enhancement **only** supports for **PNG** type of images.

Fig. 10

Step by Step Instructions：

Step 1　点击 Dashboard 上的 try it now 进入 enhancement 界面
Step 2　Click "Upload your image".
　a)　Exception
　　i.　If
　　ii.　If
　　iii.　If
Step 3　To start the image enhancement process, click the "Click here to improve your picture!" button.
　a)　Exception
　　i.　If
　　ii.　If
　　iii.　If
Step 4　Preview the Result: If you are happy with the result, you can choose to save your work. If not, you can re-upload a new image and repeat the process.

Troubleshooting

This section provides answers and solutions to some common questions you may encounter while using the ProStyle platform. If you run into problems, the following information may be helpful.

1. **Issues Encountered:** The page cannot be displayed.
   a) **Possible Cause(s)：** There is a problem with the network link.
   b) Solution(s)：
      i.　Check network settings.
      ii.　Refreshing the page.

2. **Issues Encountered:** Registration or login failed.

a) **Possible Cause(s)：** Incorrect account information is used**.**

b) **Solution(s)：** Double-check that the username and password are entered correctly.

3. **Issues Encountered:** Fail to upload image.
   a) Possible Cause(s)：
      i. File size out of limit.
      ii. Unsupported file formats
      iii. The network connection is unstable.
   b) Solution(s)：
      i. Make sure the image size matches the platform requirements.
      ii. Upload supported file types.
      iii. Check and improve your Internet connection.

4. **Issues Encountered:** Image processing takes a long time.
   a) Possible Cause(s)：
      i. The size of image files is too large.
      ii. High server load.
   b) Solution(s)：
      i. Try to upload smaller image files.
      ii. Use the service during off-peak hours.

5. **Issues Encountered:** The result of image processing is not satisfactory.
   a) Possible Cause(s)：
      i. The original image quality is low.
      ii. The selected artistic style does not match the original image.
   b) Solution(s)：
      i. Using high-resolution original images for style transfer.
      ii. Experiment with different artistic styles to find the one that works best for the original image.

6. **Issues Encountered:** The result preview of the image processing is not shown.
   a) **Possible Cause(s)：** The result preview of the image processing is not shown.
   b) **Solution(s)：** Check your network connection and re-upload the image.

Glossary

1. **Style Transfer:** A technique for applying an artistic style to a user's photos using deep learning algorithms. This allows users to transform regular photos into images that resemble specific works of art.

2. **Image Enhancement:** A set of techniques used to improve the visual quality of an image by increasing its resolution, brightness, and contrast.

3. **Dashboard:** The main screen that users see after logging in, showing the main image processing functions of the platform, and giving users a preview of the possible effects of each function through examples.

4. **Navigation Bar:** This is a part of the interface that provides clear markup and quick access to various image processing functions.

5. **Content Image:** In style transfer, the user uploads an original photo to which a new artistic style will be applied.

6. **Style Image:** An image that defines the artistic style during style transfer. The style of this image will be applied to the content image.

7. **JPEG and PNG:** Image file formats. JPEG is suitable for efficient compression of color and grayscale images, while PNG supports transparent backgrounds and is suitable for web images.

8. **Internet access:** One of the basic requirements required to use ProStyle, users need to be connected to the Internet to upload pictures, perform image processing, and download results.

9. **Resolution:** The level of detail of an image, usually measured in pixels. In image enhancement, improving resolution is one of the key steps to improve image quality.

10. **Upload and download:** the process of the user uploading the image to the ProStyle platform for processing, and the process of saving the result image to the local after processing.

11. **Real-time Preview:** The ability for users to see the effects of style transfer or image enhancement immediately before performing it can help adjust choices or Settings for best results.

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