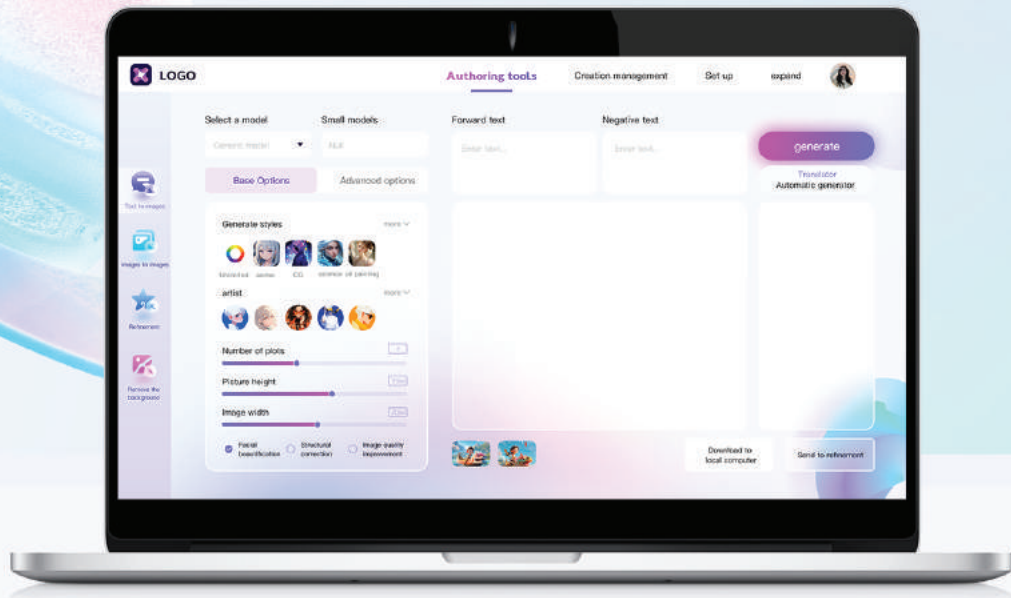


Vehicle Auxiliary Design Platform



PROJECT BACKGROUND

HUGE DEMAND GAP

STATISTICAL RESEARCH SHOWS THAT USING AI CAN IMPROVE THE EFFICIENCY OF CAR DESIGNERS IN GENERATING PICTURES BY 67%. HOWEVER, DESIGNERS FEEL THAT THERE IS NO AI CAR PICTURE GENERATION SOFTWARE ON THE MARKET, AND EXISTING SOFTWARE IS DIFFICULT TO USE.

VARIETY OF AUTOMOTIVE DESIGNER USER NEEDS

CAR DESIGNERS HOPE TO HAVE A DESIGN SOFTWARE THAT HAS THE FUNCTIONS OF TEXT GENERATION, PICTURE GENERATION, AND PICTURE REFINEMENT.

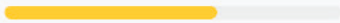
PROJECT INTRODUCTION

WE HAVE DESIGNED AN END-TO-END SET OF DESIGNER-ASSISTED DRAWING SOFTWARE, IN WHICH THE UI CAN REALIZE THE DAILY NEEDS OF DESIGNERS, SUCH AS GIVING PICTURE INSTRUCTIONS TO GENERATE PICTURES, GIVING TEXT INSTRUCTIONS TO GENERATE PICTURES, AND DOING PICTURE REFINEMENT BASED ON

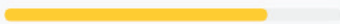
USER ANALYSIS



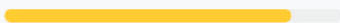
LEARNING



INDEPENDENCE



COLLABORATION



VEHICLE DESIGNER

6 YEARS EXPERIENCE • BAY AREA

- DEMAND

I REALLY HOPE TO HAVE A SET OF AI DRAWING TOOLS WITH A SIMPLE INTERFACE FOR ME TO USE

- PAIN POINT

THERE IS CURRENTLY NO SUCH SOFTWARE



VEHICLE CUSTOMER

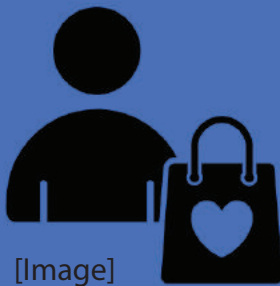
0 YEAR DESIGN EXP • SAN JOSE

- DEMAND

HOPE TO DESCRIBE THE IDEA VEHICLE DESIGN BUT HAVE NO DESIGN BACKGROUND

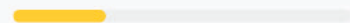
- PAIN POINT

DON' T KNOW WHAT IS A GOOD CAR DESIGN

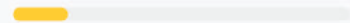


[Image]

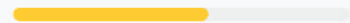
LEARNING



INDEPENDENCE

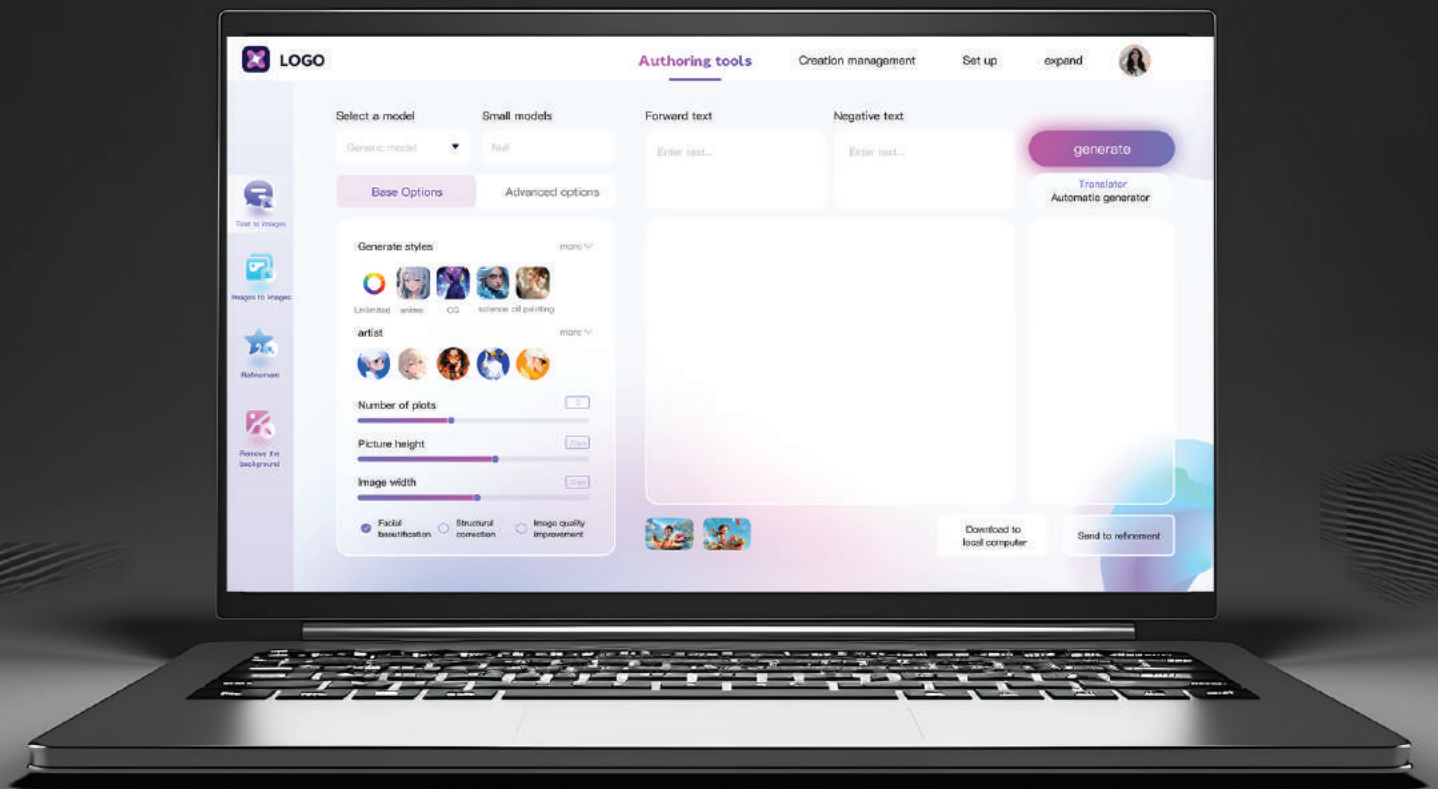


COLLABORATION



AI Gen Work





text to
image 1

This page needs to meet the designer's needs for using text to generate the image. Users can batch generate the required pictures according to their own needs and instructions.

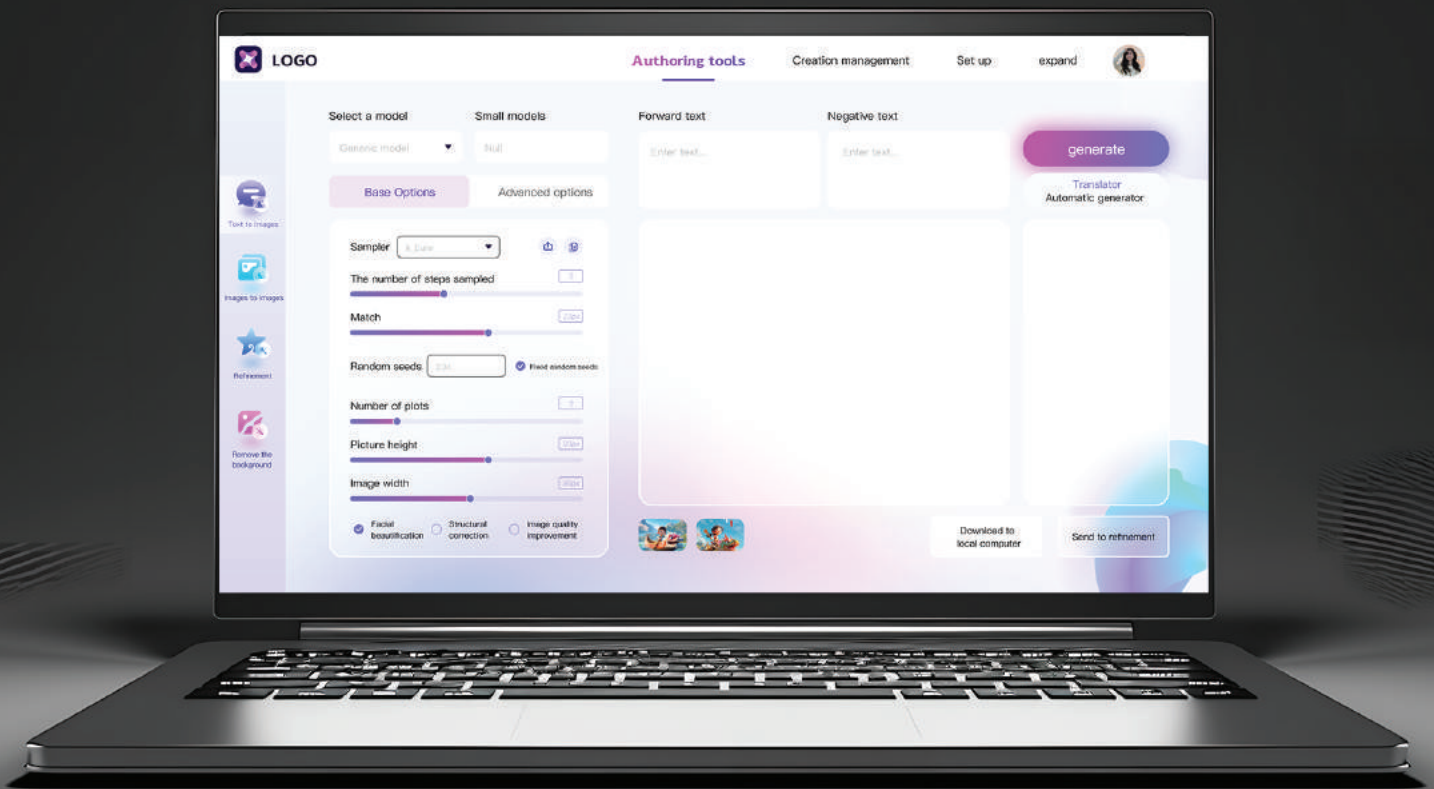
Features

Users can select the picture style and picture parameters they want to generate in the left TAB, and write their own demand instructions in the upper middle TEXT block to obtain the target generated picture.

Use Example

please generate vehicle
with futurism style,
nature lake in the
background





text to
image 2

This page contains more technical parameters. Users can batch generate the required pictures according to their own needs and instructions.

Features

On this page, users can choose more technical parameters, such as the sampling method used for pictures, the size of the sampling, the number of random seeds, etc.

Use Example

Please generate a picture of the car interior. The overall color of the car is red and random sampling is allowed.



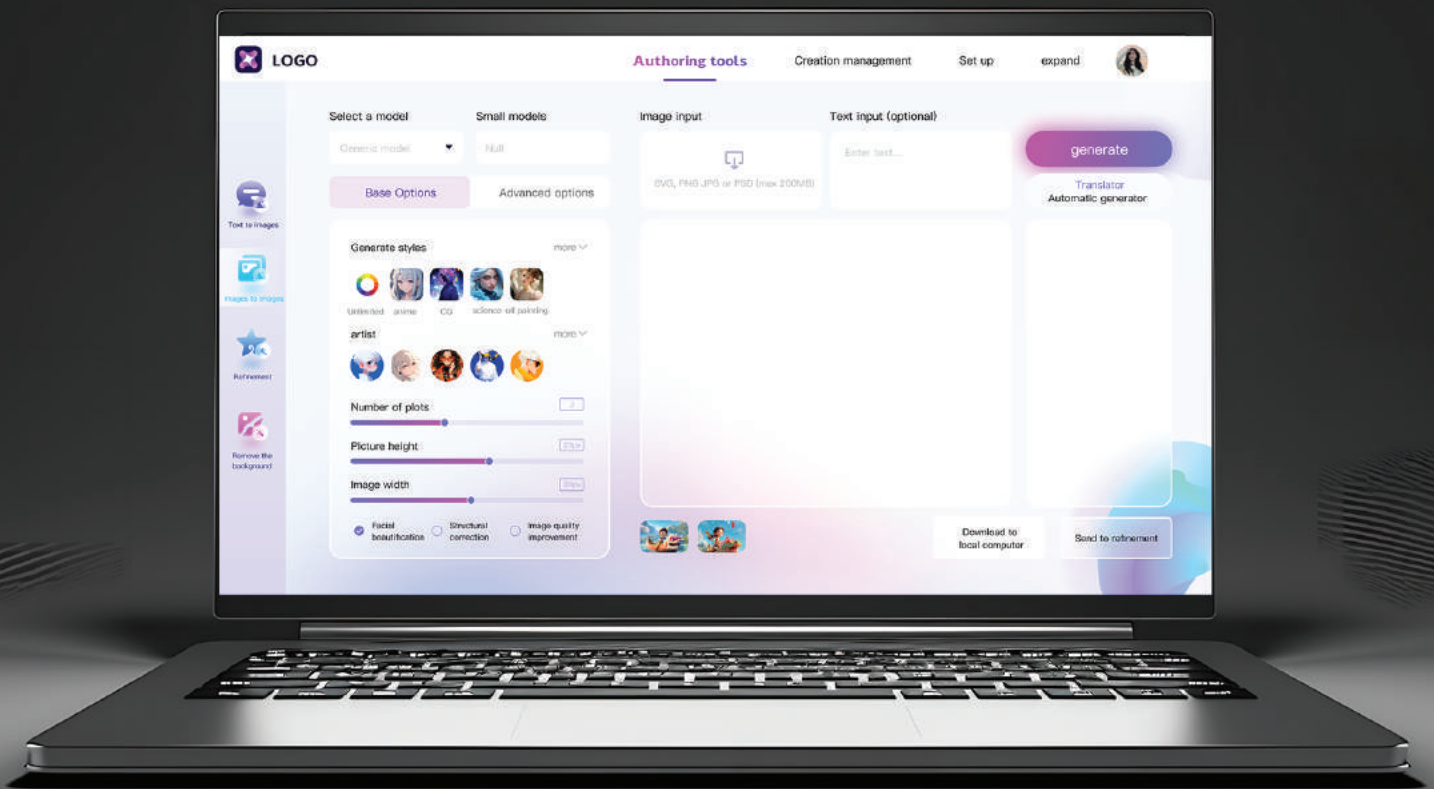


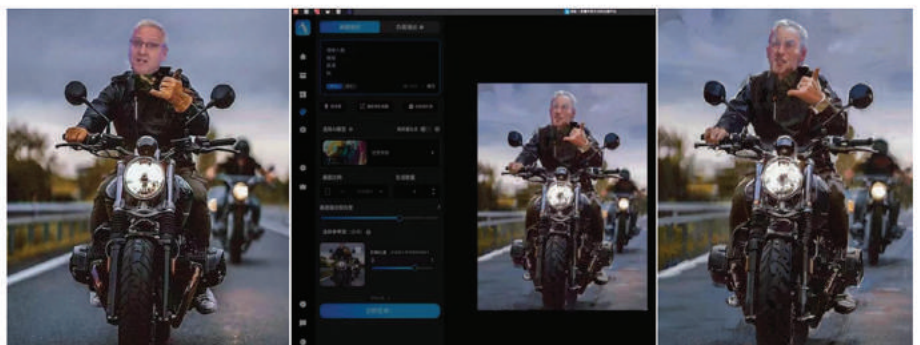
image to
image 1

The difference between this interface and the previous picture is that we use pictures to generate pictures. Users can upload pictures in the image input in the upper middle.

Features

Users can select the picture style and picture parameters they want to generate in the left TAB, and upload their own images in the upper middle TEXT block to obtain the target generated picture.

Use Example



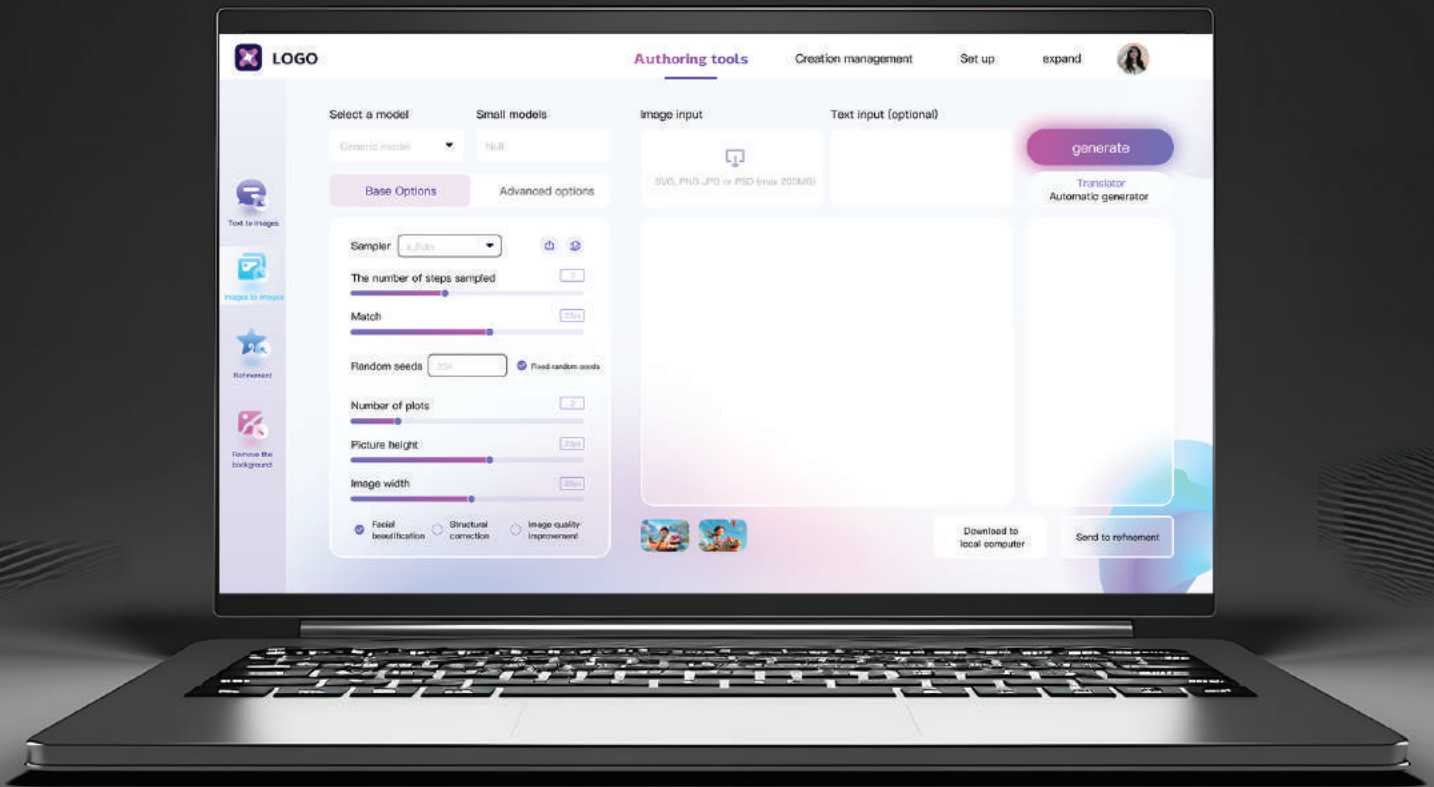


image to
image 2

This page is also using pictures to generate pictures. Users can upload pictures in the image input in the upper middle. However, we have more advanced paramerts for user to select in this page.

Features

Users can select the picture style and picture parameters they want to generate in the left TAB, and upload their own images in the upper middle TEXT block to obtain the target generated picture.

Use Example



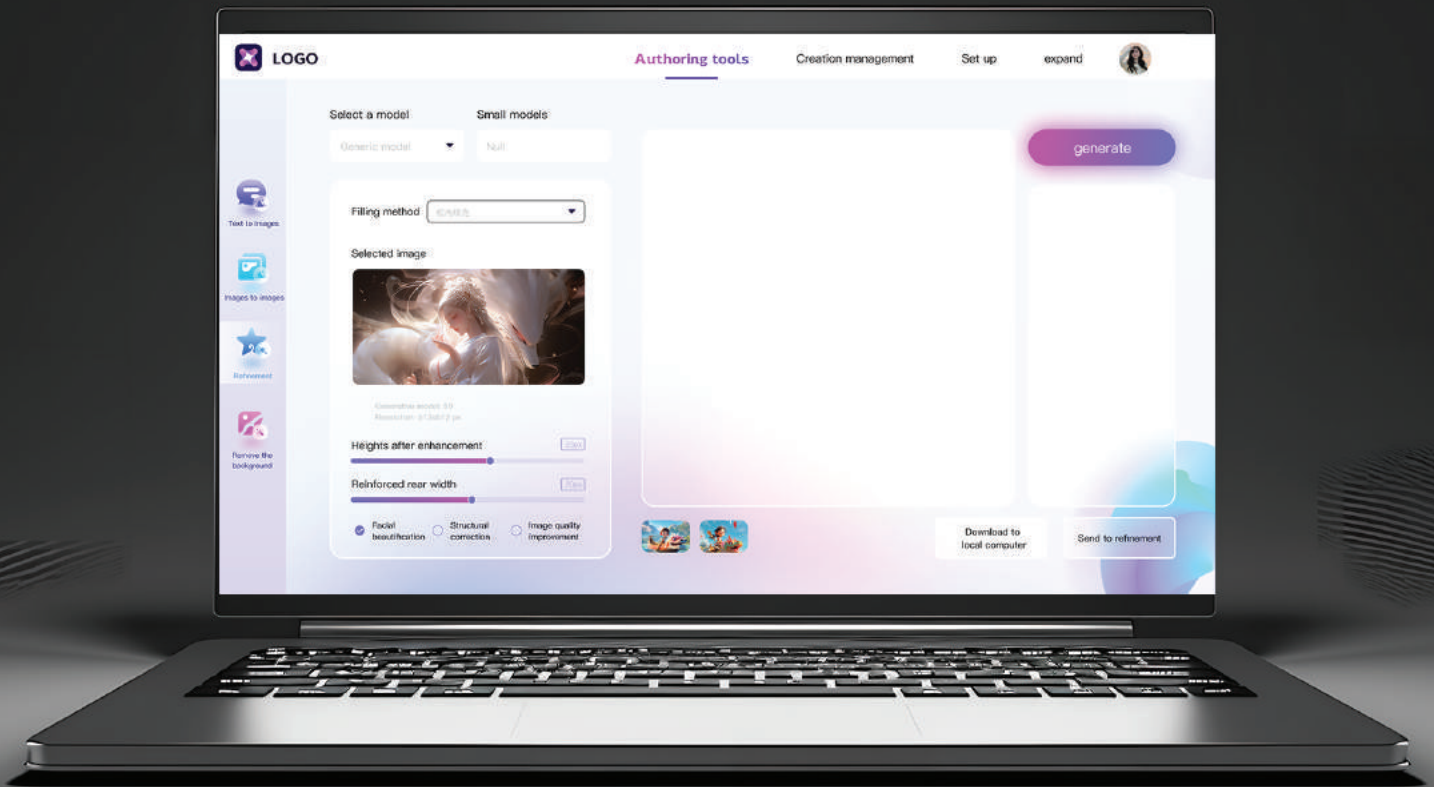


Image Reinforcement

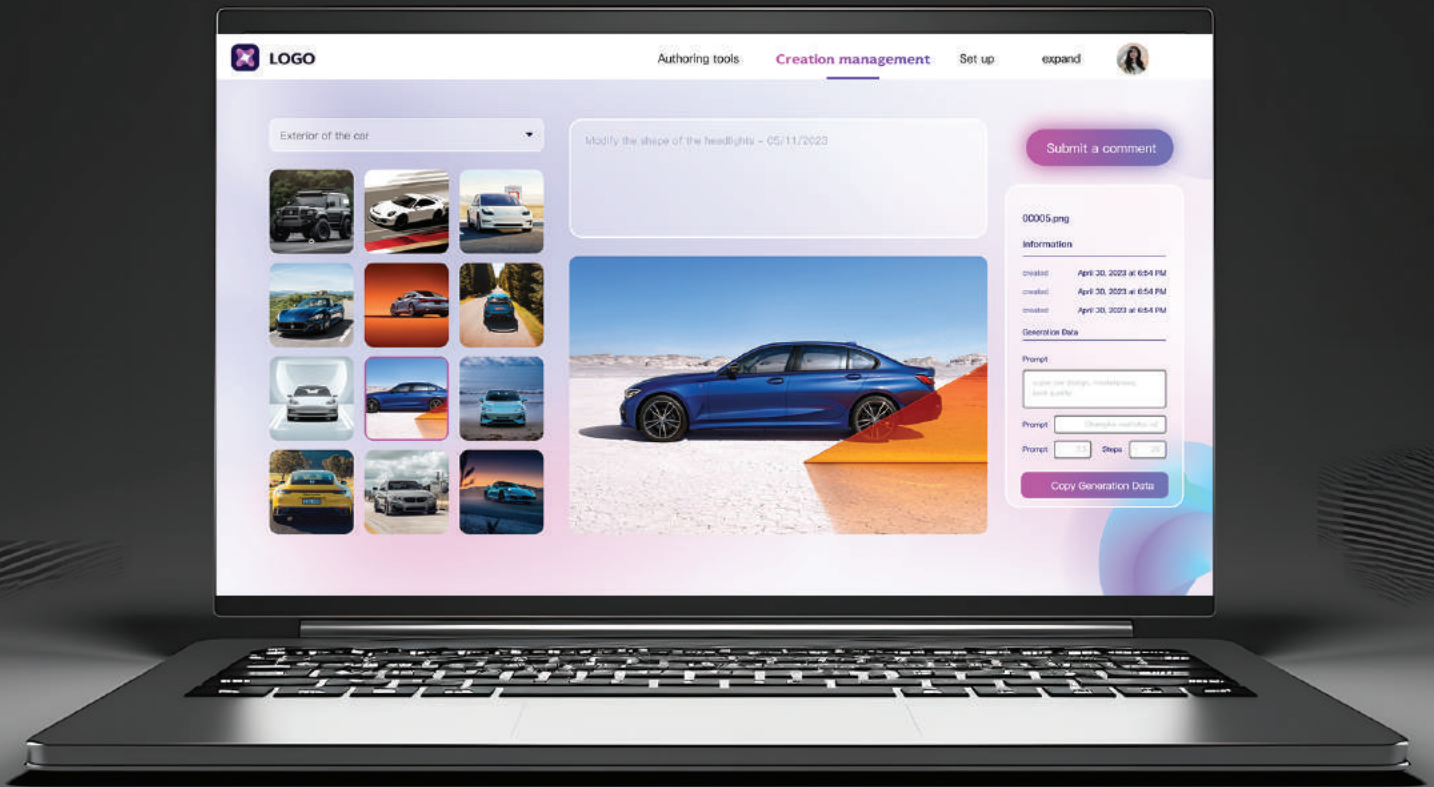
On this page, users can enhance the picture effect. Users can improve the clarity, size and local details of the picture.

Features

In the left tab, users can select the picture they want to enhance, set the enhancement parameters below, and click Generate. The picture clarity and color can be repaired according to user requirements.

Use Example





Creation M- anagerment

The main purpose of this page is for designers to work together. Designers can upload pictures to the community. Each user can see the picture generation parameters and participate in comments.

Features

The tab on the left displays the pictures generated by the designer. Click on a picture in the middle to participate in comments. On the right, you can see the parameters of the picture generation.

Use Example



image parameter

sd_vl_base_10

A convertible by a lake <loro-PoleStar_test1:1>

rudity, poorly Rendered face, poorly drawn face, poor facial details, poorly drawn hands, poorly rendered hands, low resolution, images cut out at the top, images cut out at the left, images cut