



Introducing Car Vision

Visualize your car in a different color!
With AI technology you can
reimagine your car in any color or material

Problem Statement

The car customization industry
does not have a satisfying
visualization methods

Objectives

To utilize Artificial Intelligence image generation in the system to create image visualizers for the users.

To reimagine the user's image input to what they requested in the system inputs.

To recreate the vehicle in the image with different colors, patterns, materials and styles.

To develop a system that is simple to use for users while retaining the option to be highly detailed.

Methodology

Utilizing AI Image Generation
from Stable Diffusion to generate
custom images to visualize the
customized car

Conclusion

The developed system employs
multiple Stable Diffusion 1.5 Checkpoints and
ControlNets to visualize the vehicle in a
different way while maintaining the
original shape and orientation