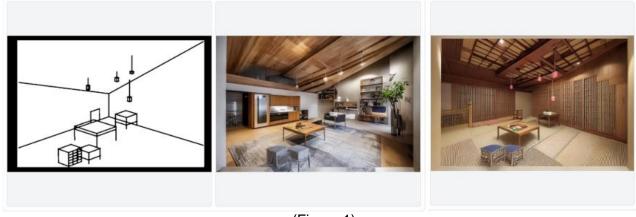
A powerful and multifunctional Interior design software

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Abstract

Recently, a powerful neural network—"ControlNet" has been released, which can turn a simple hand drawing into a delicate render image(see fig.1). After that, you can add some text to prompt it to generate in a certain style. Based on it, we launch an easy-to-use interior design software.



(Figure 1)

Besides, we concatenate it with SAM(**Segment Anything Model**), which can segment all objects in the picture(see fig.2), that is furniture in our project. Then, users can pick the one they like.





(圖二)

After selecting, the software will provide some purchase information about the furniture(see fig.3) by ChromeDriver. Afterward, Interior design will be something that everyone can lightly get started with.



References

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