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3D AI Models Hackathon

AugAI



Augment your data with ease,
powered by Lablab's
technologies



Problem

Some challenges of adding existing objects or instances to images for augmentation are:

- It can be difficult to find and collect images of objects that are suitable for the augmentation task, such as having the right size, shape, **pose**, and background.
- It can be expensive to hire professional photographers or models to take custom images of objects in the right pose.
- It can be hard to ensure that the augmented images are realistic and consistent, such as having the correct lighting, shadows, perspective, and occlusion effects.



Case example

An example of the difficulty of adding existing objects or instances to images for augmentation is:

if you want to augment your dataset with images of cars in different orientations, you may need to pay for the rental, transportation, and photography of the cars.



Solution



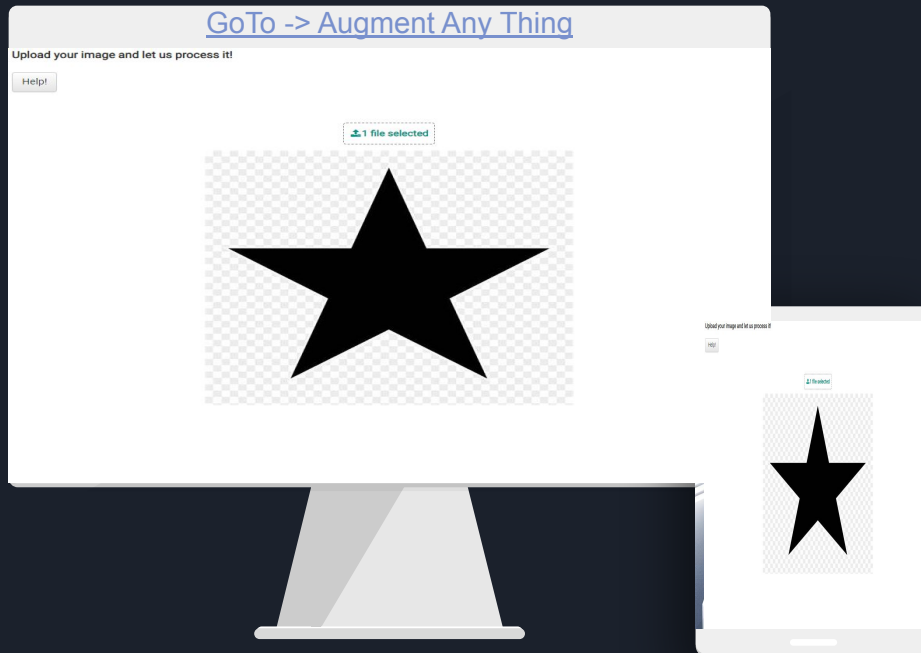
AugAI

Augment your data with ease. With AugAI, you can leverage the 3D modeling technology during your augmentation process of your dataset. No more tedious and time-consuming steps to create diverse and realistic data. Just upload one of your labeled images from the dataset. AugAI will generate a 3D Model of every target object/instance (P.S. instances should be specified with a bounding box or masks) in the image, then it will output multiple images of the object from many different angles. You will then be able to download these images and add them to your dataset for augmentation purposes. This can help to balance and improve the robustness and generalization ability of the ML models. Try it today and see the difference in your machine learning models.

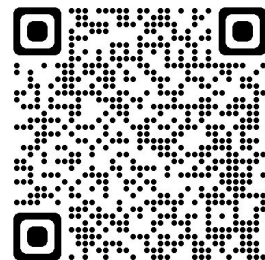
Demo



works on mobile and all
web browsers out there!



visit app here ->





Business plan



Target customers

Deep learning researchers and practitioners, Data scientists and engineers, Educators and students.

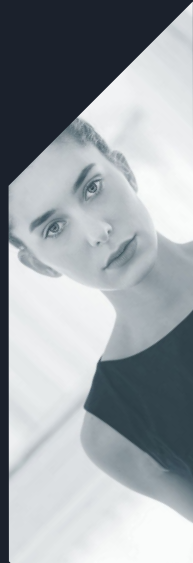
Pricing

Starter Model: As many images with poses as the 3D Modeling Technology can generate - 49,99€/mo

freemium Model (Limited for free): 4 images with 4 different poses (maximum)

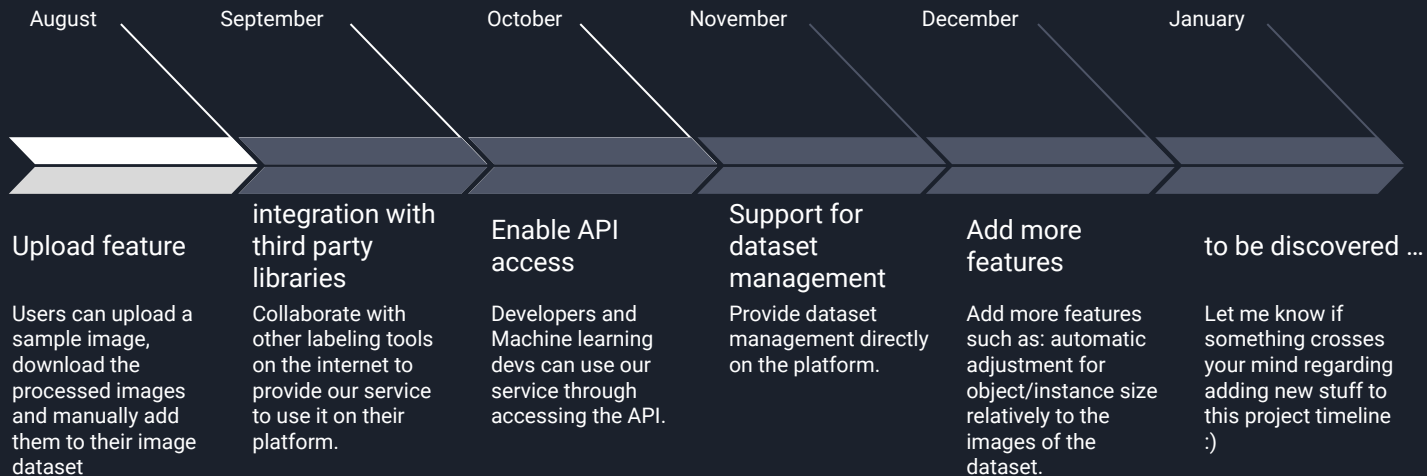
Revenue

1.799,64 € expected annual income in case of 3 regular customers subs for the starter model



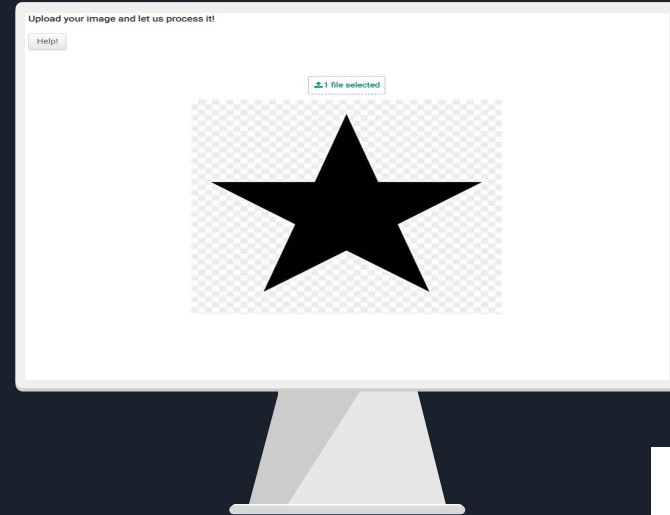


Project Timeline/Future Enhancements





Thanks for checking out
Augment Any Thing!



visit app here ->

