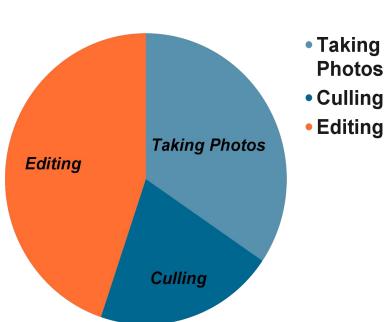
Problem

Photographers have a multiple responsibilities, from capturing the perfect moment to selecting the best shots and editing them.



 Taking **Photos**

































IMG 7990



IMG 7991



IMG 7992 (2)











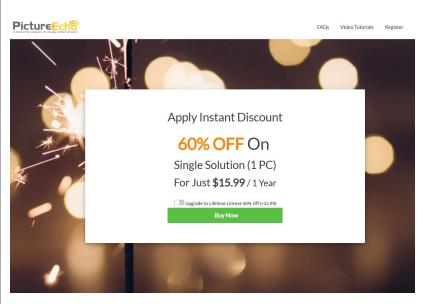




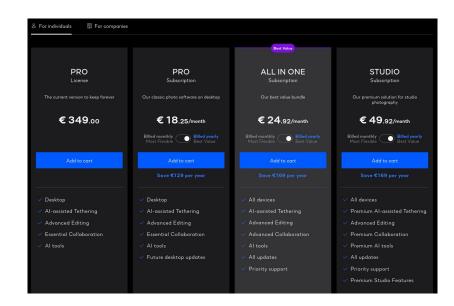
Selection of good pictures (culling) can be time-consuming task, as photographers may take thousands of shots in a day.

Existing solutions

PictureEcho Capture One



- **X** free with optional subscriptions
- **X** no blur detection
- **X** partial multiplatform



- X only 30-days free trial
- **X** no blur detection
- **X** partial multiplatform

A-Shot

A-Shot is a free, local, and multiplatform desktop solution that speeds up culling. It helps detecting blurry photos, grouping duplicates and nearly identical images, without need of internet connection or subscription.

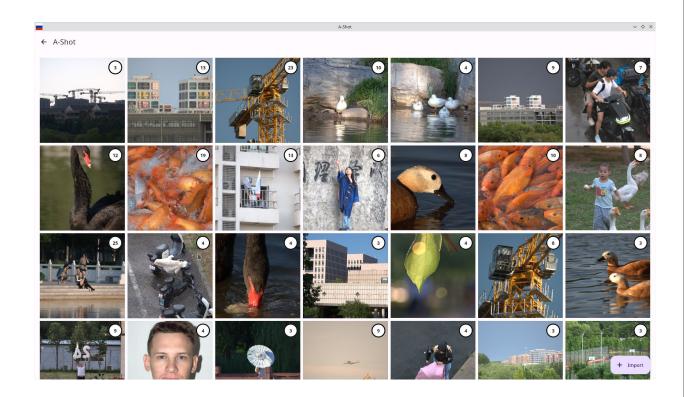
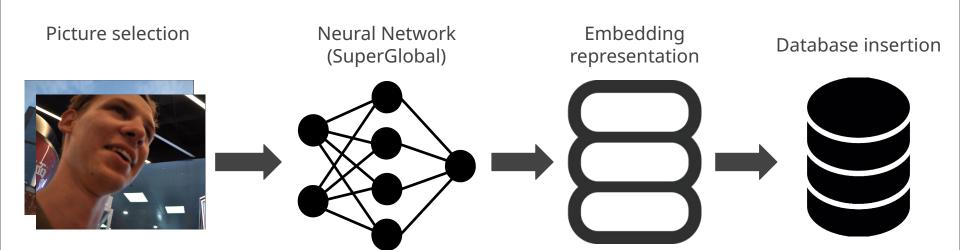
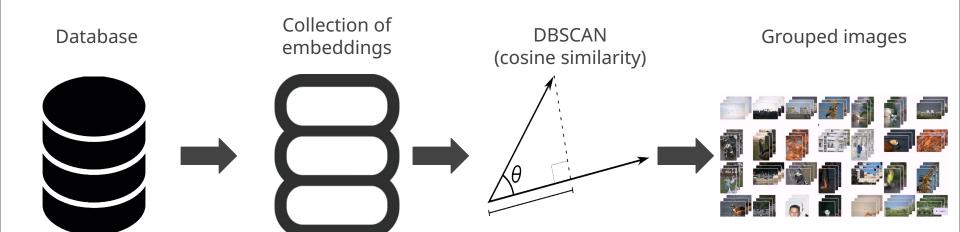


Image grouping flow



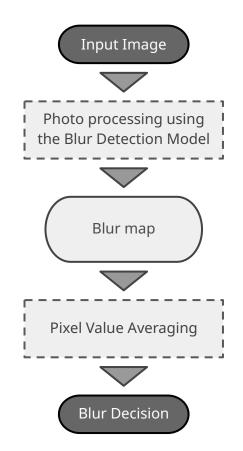
Pretrained Neural Network based on ResNet architecture for embeddings extraction

Image grouping flow



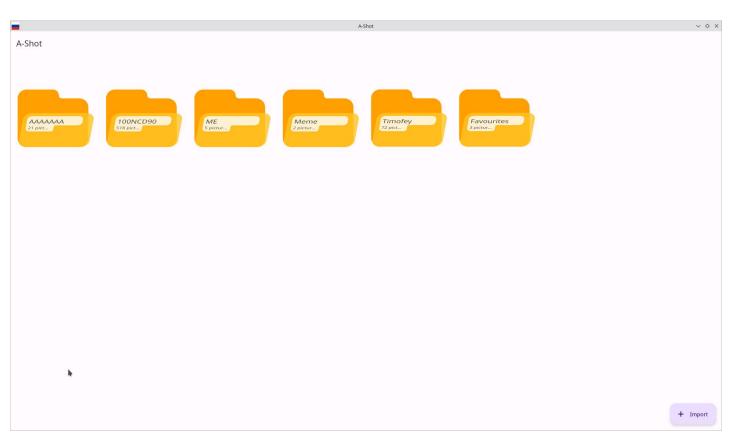
DBSCAN is used to cluster images by received embeddings through cosine similarity

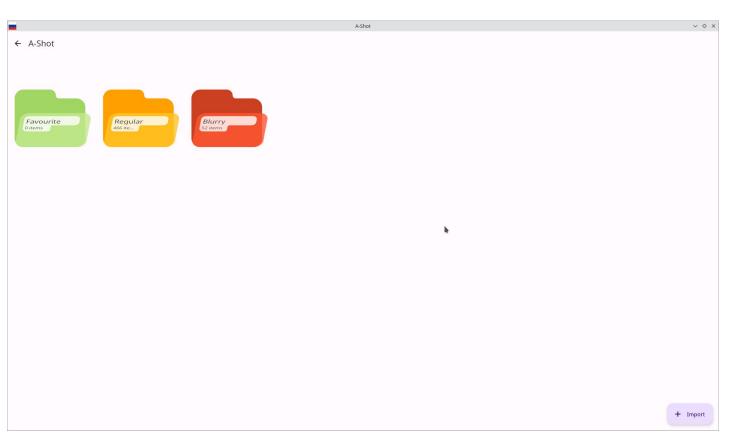
Blur detection

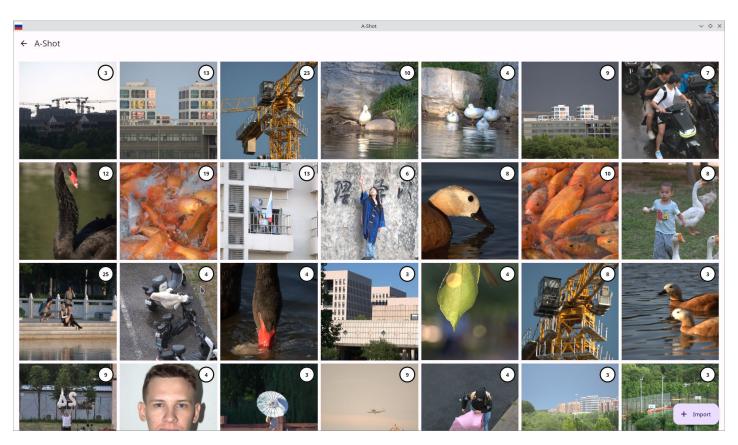


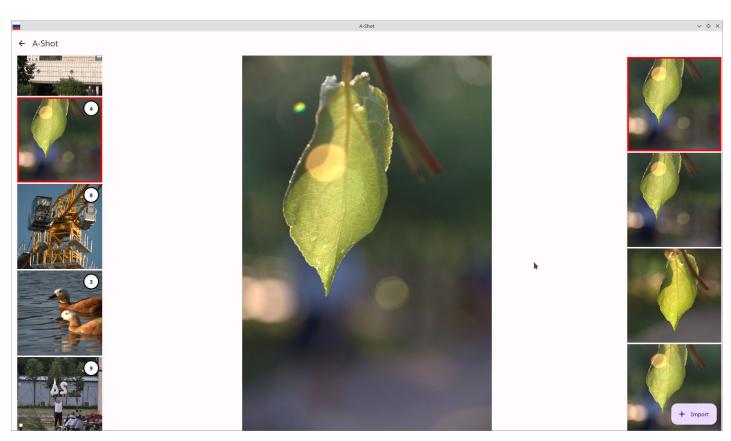












Solutions we applied (will be updated)

Nikita

Full-stack developer



Timofey ML Developer



Our Team

Artemii Team Lead, developer,



Egor

Frontend

developer

Product Manager, UX/UI, Frontend dev.

Matthew



ML, Full-stack DevOps



Mikhail ML developer, Toaster



