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Photo editing

Presentation made by Techniczne Zaklady Naukowe within the project ,,Collaborations that increase interest in and quality of technical education”

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Techniczne Zakłady Naukowe
Techniczne Zakłady Naukowe in Dabrowa Gornicza is biggest technical school in the region. We have more than one thousand students and 100 teachers. We educate students on following subjects that we currently have in our offer: IT, programming, electronics, rovotics, electric, automatic, mechanic, advertising.

Few picture of our school - computer class, technical class, swimming pool and english lesson class.

Other EU projects
We participated in more than 30 projects.
We currently have 4 ongoing projects. Since 2010, we have completed dozen of them, obtaining funds in amount of 5 million EUR from r.g. Erasmus+, Ministry of Education and Science, Norway grants, regional funds of Silesia Region and European Funds.
Together with the FERS programme we create the European dimension of the school with the number 2022-1-PL01-KA122-VET-000073442 implemented in the framework of the project "Foreign educational mobility of students and graduates as well as vocational training staff" carried out under the program European Funds for Social Development 2021-2027 co-financed by the European Social Fund - Vocational Education and Training sector.

What we’ve done so far
1. Workshop about 3d printing
2. Workshop about creating websites
3. Electronic workshop
4. “Green screen” workshop

5. Photo editing workshop

In plans - creating computer games workshop

Workshops for primary school students - we organized 5 events so far

Workshop in our school

Students from grade 6 of primary school took part in the last workshop on photo editing in our school. Starting with an introduction to the history of photography, then moving on to how to take good photos, ending with rescuing bad photos.

The classes themselves were divided into two parts, the first taking product photos and the second photo editing. We collected the results of students' work from both.

How to take professional product photos?

Preparing the product for shooting

When taking photos of goods, you should take care of their appearance - a quick wipe with a cloth is enough to remove dust or greasy fingerprints. You also need to pay attention to the background and get rid of clutter or unnecessary objects.

Choosing a background for the product

With this type of photography, you move away from fancy scenery. The background should be uniform (packshot), usually white or black.

That is why many photographers choose a shadowless tent with photographic backgrounds, because they do not reflect light and the products are photographed without the shadow effect/

Proper product placement

It is best when the photographed object is in the middle, in the center of the photo.

Cropping is especially important during clothing product photography - folded, crumpled clothes will never reflect what they really look like. Here, photos taken on models or ghost-type product photos will work.

Good product lighting

It is best to choose a shadowless tent with lighting in the form of LED panels or a ring. Depending on the subject and its size, ring lights may also come in handy.

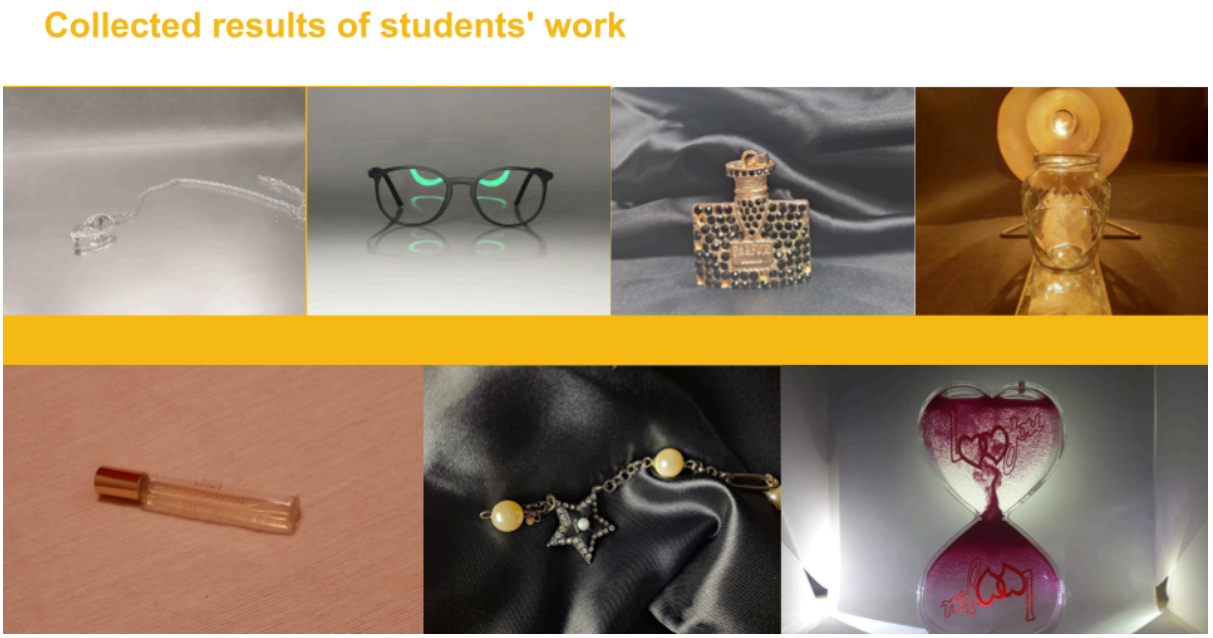
The focus of the camera

That is why it is so important to use stable camera tripods in product photography. It doesn't always have to be a large, tall tripod - a simple tripod to put on the table may be enough.

A good solution is also a stabilizer for the camera, which reduces shaking and allows you to take still pictures.

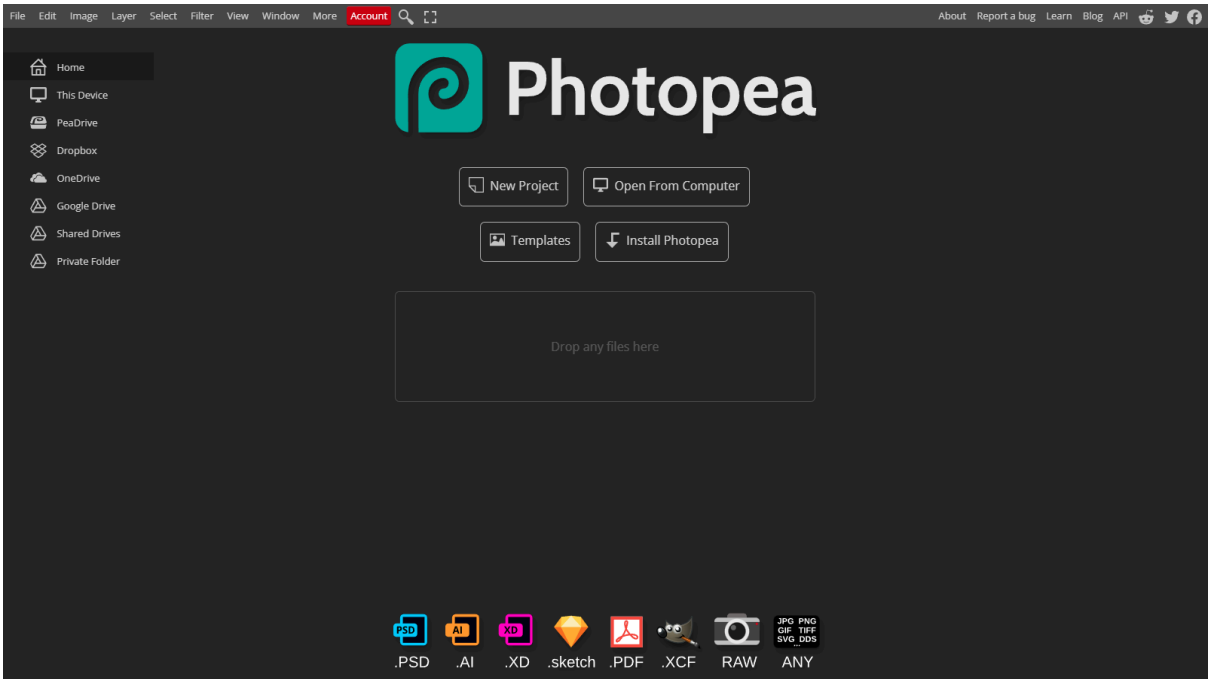
Photo of the product from different perspectives

First, the simplest shots are the front, back and side frames. For some items, you may be tempted to take photos from above.



How to save photo?
Imperfections

Firstly open selected programe, we use Photopea, and Open chosen picture from Computer



If you want to clean photo from imperfections
SELECT SPOT HEALING BRUSH TOOL

And here is the final result, on the left the original picture, on the right the same picture without imperfection.

Darkness
Again, we open selected picture from our computer in chosen programme, we use Photopea.

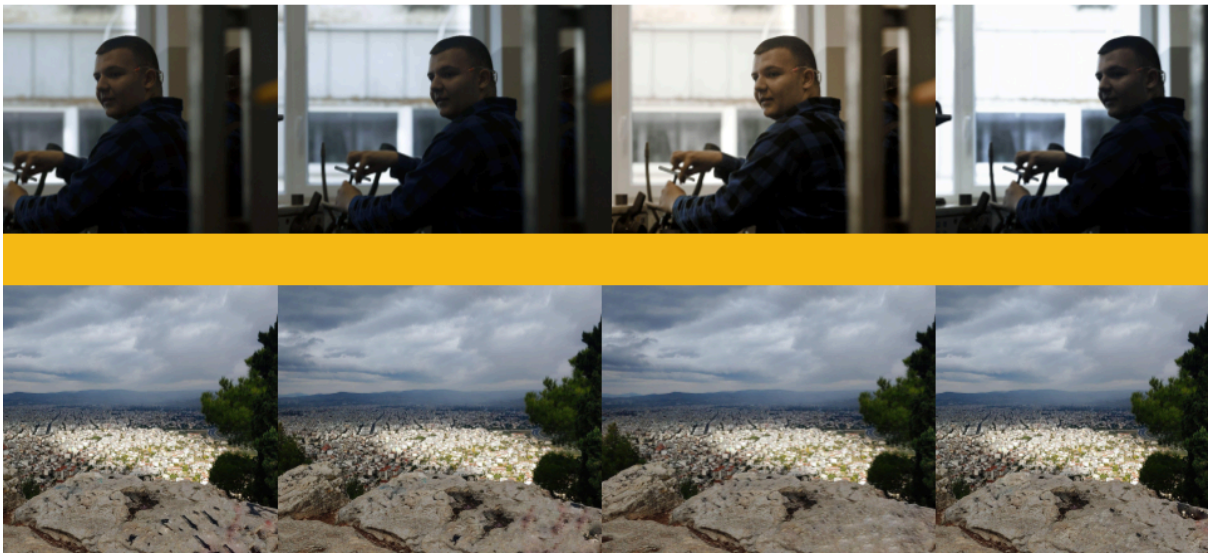
If we want to brighten the image, we need to select *Brightness and contrast* and customize till we are satisfied with the result.

Very useful are also photo filtres. If, for example, it this case, we would like to get rid of the orange from the picture.

We select photo filter and customize as we like.

Here are final results

Collected results of students' work



Thank you