3D Models Extension for Group Project

Made by Maksim Malko

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Introduction

Almost at the very beginning of the group project, I thought about the implementation of 3D models on the product page. But at that time I discarded this idea due to several reasons:

1. Uncertainty that it will be useful.
2. Inability to make a 3D scan of goods due to the fact that the customer lives in another country.
3. Insufficient knowledge in how to implement it.

But a lot of time has passed and now we got this task in which we need to come up with some kind of idea for a group project.

Functionality Description

1. When choosing a color, the color of the 3D model changes.
2. The model can be rotated.
3. The model can be zoomed in.

Problem Description

So, the main problem was the uncertainty about whether 3d models are needed on the website. Therefore, I decided to conduct 3 interviews, and also ask this question to the customer.

As for me, just asking a question would be unprofessional, so I prepared a small prototype of what it would look like and also described the functionality in detail. So it was easier for people to understand whether they like this idea or not.

Step-by-step plan of the interview

1. Brief presentation of the project.
2. Show the prototype.
3. Tell about the functionality of 3D models on the website.
4. Ask if the person finds this functionality useful.
5. Whether the person considers this functionality mandatory for implementation on such websites.
6. What difficulties, in the opinion of a person, he can experience with such functionality.
7. Are there any improvements that the person can suggest.

Interviews

First interview

This is an interview with my friend Daniel. The general opinion about the idea was overwhelmingly positive. The only thing he noticed is that this function should be optional, since our target audience is adults, it can be difficult for them to understand how this functionality works.

Second Interview

This interview I conducted with a random student to eliminate the fact of a long friendship and prejudice as a result. The person I interviewed was David. For him, as for an uninformed person, explaining the concept of the project was more important than for others.

Therefore, I devoted a little more time to this, and also checked from time to time if he had any questions left. Luckily, this was quite convenient to do because we already had a website prototype ready. David was surprised why I even ask him about such a banal thing like 3d models on a website. He believes that naturally it should be added and there is not one reason to at least think about the fact that someone might not like it. As a result, his feedback was not very helpful, since the only conclusion that can be drawn from his words is that he really liked this idea.

Third Interview

After the interview with Daniel, I really had a question. Will older people be able to understand the functionality of the 3D model or will it only scare them away. In order to sort this out, I had to find an elderly man. It was a previously unfamiliar grandfather Mihai (not sure about the spelling of the name) 62 years old whom I met in a cafe where I worked on my website. To be honest, it was quite hard to decide how I wanted to conduct this interview right off the bat, since I had no experience interviewing older people before (especially strangers). I decided to start with a banal introduction of myself as a student and an ordinary conversation. I tried hard not to be friends with him, because I knew that this would lead to an error in my interview. The interview itself went pretty well and he listened and looked at the prototype with great attention. As it turned out, problems in older people do not arise with this kind of thing. This is a pretty important conclusion that I made. Mihai did not give any additional useful feedback or suggestions for improvement, but I did not expect this from him. It was probably the most interesting interview in my life. I would write a lot more, but I'm afraid that the teacher will simply stop reading in the middle.
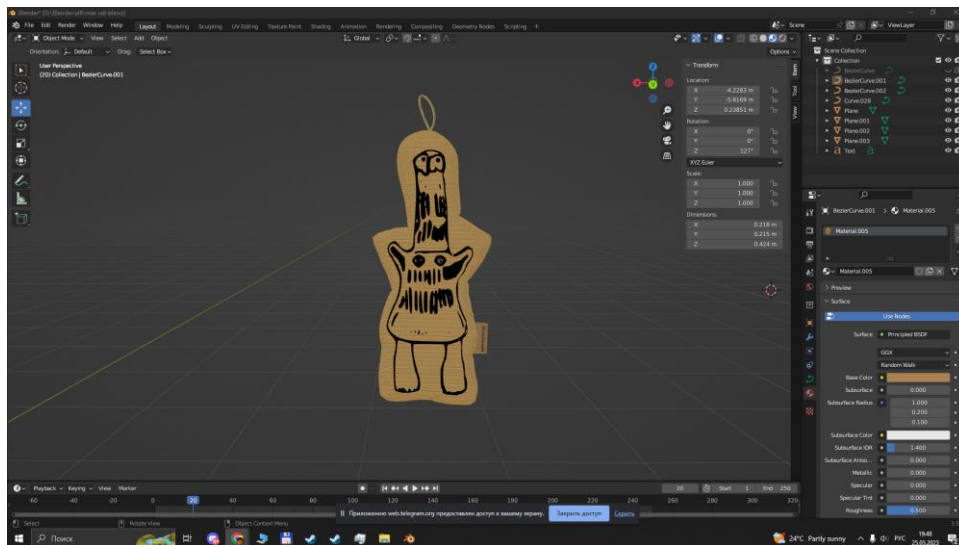
Last Interview

This interview was with the client and we were talking more about the website prototype as a whole, so I just casually asked her if she liked my idea. To which she said that she really liked it and would be very grateful to see it on her website.

Conclusion

After conducting all the interviews, I concluded that people are very positive about the functionality I proposed. Therefore, I will try to add it to our group project.

3D Models Development

Then I began to think about how to make 3D models. Scanning would not work, due to the fact that I do not have access to the product. So I decided to draw them myself using a Blender. Below is a rough screenshot of what the models will look like in the future.

For now I'm still working on them, but I plan to finish them soon.

Conclusion

In conclusion, I want to say that it was interesting to find out how important your idea is for the project, as well as to conduct interviews with strangers. Of course, the final result turned out as I expected, but still, just in case, you need to conduct tests on users in order not to make a mistake.