Project 1 Report

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Home!

In my Project 1. My house is a cylinder shape. It has two floors. First floor is living-room, and second floor is bedroom. The house has two ceiling lamps, one for each floor. The house has five windows totally, three on the top and others on the bottom floor. The floor is half ring shape, but its center is not the cylinder house center. I build rotating stairs inside of the inner ring, and it connects the top ceiling to the ground.

In the living-room, I have some models, such as sofa, table, clothes rack and door.

In the bedroom, I have some models, such as bed, bed lamp, house plant, desk and chair.

I found these models from a lot of websites, I tried a lot, but there are many troubles. Like the models don’t have materials, or the model is too big to load in a webpage. The models really cost me much time on it. I also tried to export some blend models to gltf files. But none of them works, I wondered, it might because the export tool is broken already.

Except above models I found, I also build some by my own. For example, the pictures, rug, guard and the stairs that I introduced before. Well, pieces by pieces, a long time working project.

Those pictures hung above the bed show you the ideas of my dream house designing. But I can’t find all models of it. Most of them are not free.

Even there were some many troubles, my house looks nice now. Every model has their materials. I love the bed most.

There are totally 15 models.

For the animation, if you click the smallest picture, it will move down a little bit.

Well, I know there are still some problems: wasd-control doesn’t include Y-axis; it made me feel bed for my double floor house idea. I researched and tried so many times, but still. And I built cylinder shape house as I want, but I can’t make the full house’s transparent to be true. I make window to be transparent, but the walls are not. It looks wired like I have fake windows.

If you need any detail, all show on the Github.

It is a good practice. I love it.

Video: <https://github.com/hujiku9/VR-Designing/blob/master/Project1Home/Home!%20-%20A-Frame%20-%20Mozilla%20Firefox%202_20_2018%206_31_11%20AM.mp4>

Website: <https://github.com/hujiku9/VR-Designing/blob/master/Project1Home/index.html>

Sources of models:

<https://sketchfab.com/models?features=downloadable&sort_by=-likeCount>

<https://www.turbosquid.com/>

<https://free3d.com/free-3d-models/collada>