



PEPPER'S GHOST EFFECT PROJECTION



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Introduction

For my culmination project, I will set a visual effect hologram projection called Pepper's Ghost and then create sound effects that could be put in any haunted house or attraction during Halloween season. It is quite a basic and simple installment but requires a good knowledge of the subject and its surroundings in order to make the effect more realistic. The challenge will be the placement of the mirror and it's mirror projection because if it is not put properly, it may cause a failure to achieve the illusion and may cause hazard to the audience. My main job are the following: create an illusion of ghost floating in the air without the audience noticing it thanks to the pepper's ghost effect and design a sound effect. I will take the haunted Hotel as a location to where I shall make this project but at this moment I will be making a prototype to show how it is going to work. I will also be providing my own equipment for the prototype. This project will contain a ground plan of how the things are set.

Purpose

The goal is to make the pepper's ghost technique applicable in any park or house of attractions.

Working Labors

Home

Prepared by: Tojo Rasedoara

Procedure	Number of crew	Number of Hours	Person of hours	Labor Rates	Cost
Research	1	48	48	\$15.00	\$720.00
Build Labor	1	48	48	\$15.00	\$720.00
Sound Effect Labor	1	48	48	\$15.00	\$720.00
Test Run	1	72	72	\$15.00	\$720.00
TOTAL COST					\$2,880.00

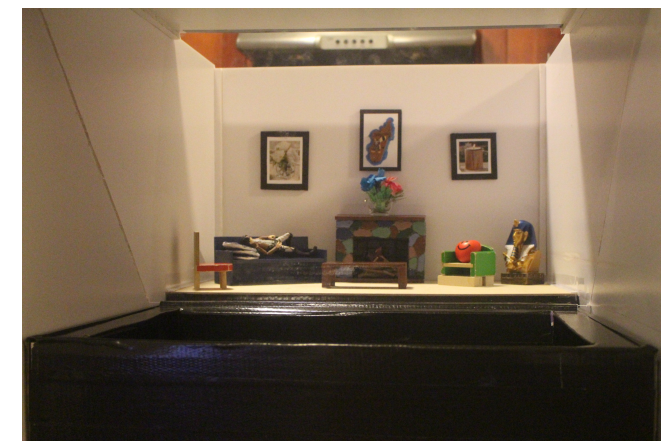
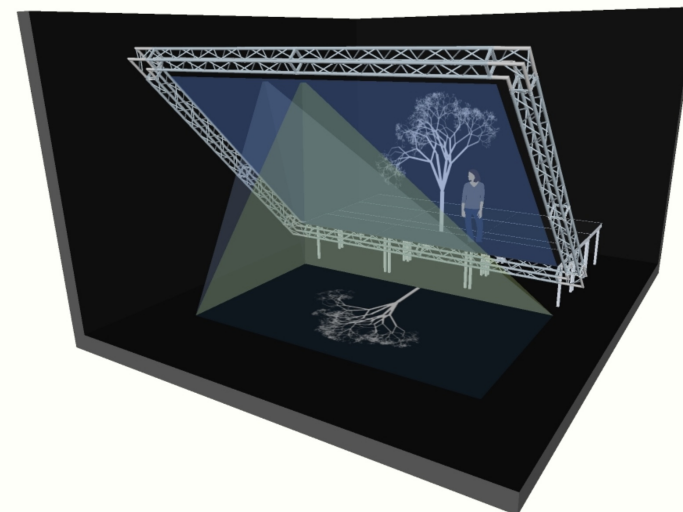
Budget Estimate

Quantity	Unit	Materials	Materials Purpose	Unit Cost	Extended Unit Cost
1		Duck Tape	Covering scenery	\$3.99	\$3.99
6		20 X 30 white cardboard	Scenery	\$1.99	\$11.94
1		Glue	To maintain the cutted board from falling	\$4.00	\$4.00
1		Blade cutter	To cut the board	owned	owned
1		Monitor	To be used as projection	owned	owned
1		fiber glass	To project the reflection of monitor	N/A	N/A
1		Ruler	To Maintain the accuracy of the cut	owned	owned
1		Tape measure	To measure the amount of white board needed	owned	owned
1		Pencil	To mark the amount needed	owned	owned
TOTAL					\$19.93

Approval

Contract must be made and approved by the head of the attraction or in this case My technical Advisor John Huntington.

Methods



Results

- Satisfaction of customer and audience
- Increase of demands of the product.

Conclusions

This project could be adaptable in almost any location desired by the customer. However, finding the right angle for the mirror glass can become a challenge if placed in a smaller room. Also If not put properly, it would ruin the effect of the illusion. A smart solution would be to add a few props to hide the projection so it could protect our effect and our equipment from being discovered.

References

Technical Advisor, John Huntington. Tojo Rasedoara. Pepper's ghost effect projection. Poster session presented at: New York City College of Technology, Brooklyn, 11201. 1st Poster presentation Spring semester 2017; New York City.