

# Digital Single project : Report

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## Summery

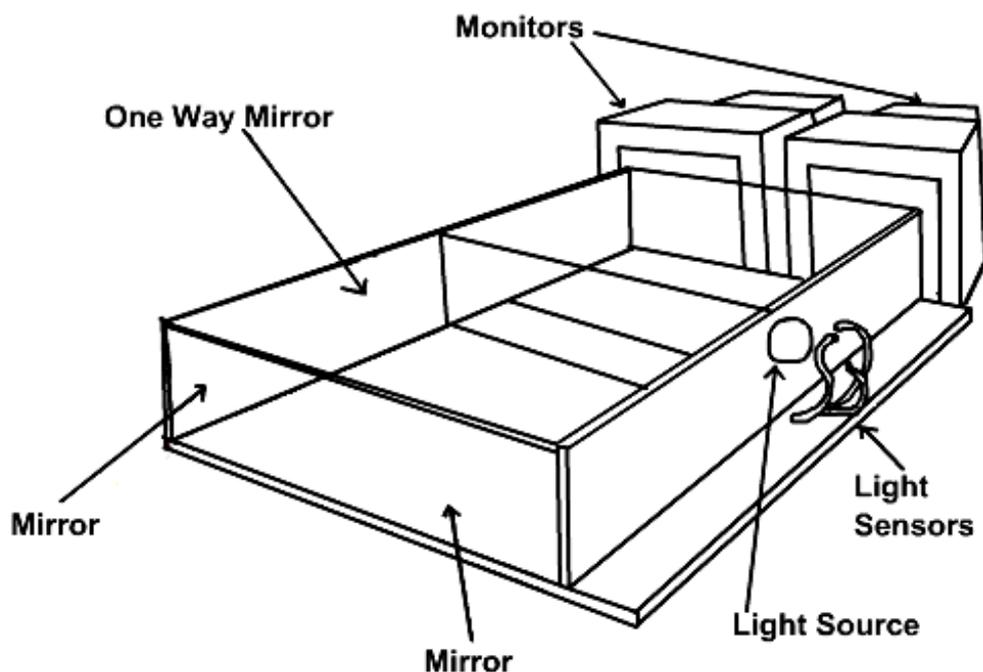
To make a digital sculpture that contrasts ideas of aesthetics and desire with suffering caused by war and conflict. This is done by using monitors that would display imagery providing social and political commentary and then making a structure of light that attracts people eyes because of its artifice it would be symbolising distraction.

## Creative Development

The project changed from the specified design but the concepts is kept the same so are the symbolisms. I decided to make a mirror box that replicates the images the imagery of the monitors. This was inspired by the research I did on Nam June Paik. The whips designs were abandoned because of the technically aspect of them. I decided to just make a sculpture of light for to replace them as they symbolised the same thing.

## Documentation

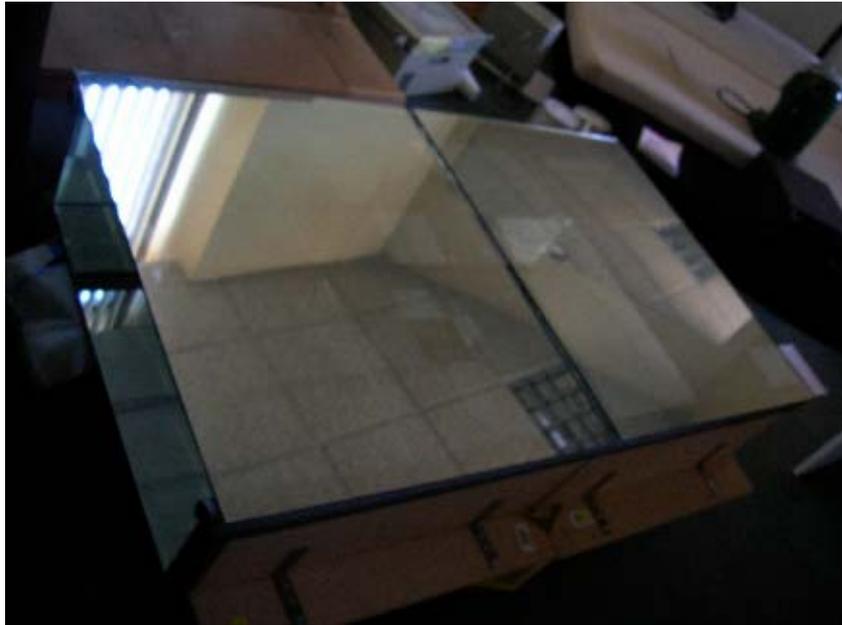
The artefact was made of several components here is a drawing and documentation of them:



Agonies in Distractions the size: 220 cm (l) x 90 cm (w) x 30 cm (h)

## Mirror Box

This component makes an infinity effect, which causes repetition of space between two mirrors. The effect is made by having two pairs of mirror facing each other two small ones for the side of my project and two large one for the top and bottom. Of the two large ones the one of them is a one or two way mirror for people to see through and observe the infinity effect.



The mirror box.

## Monitors

The monitors were used to display imagery that was created in Processing. In Processing there are three arrays of images link to light sensors via a microcomputer. The images fade in and out or change depending on the values of the light sensors and make collages.

The screens of the monitors were cloned using VGA lead with two outputs this also used a special graphics card settings. This was done so that the imagery on the monitors changed simultaneously. There were 2 monitors to 1 PC and I used 2 PCs. For the programs I created for each PC I made a few variations between them. The BX24 needed a serial lead for each PC to get data from same source.



The two monitors being cloned.

### Lights

The light rope is connected to the mains and has preset pattern which users can change. All other lights used were 12 volt lights for cars which I repurposed too create an aesthetic object as a symbolism for distraction and desire

In the end I could not develop the whip to work so I decided to use a pre-programmed rope lights that users could use to change the images.



The lights inside the mirror box

## Sensors

For the light sensors I made them malleable by putting tough wire in them then made the luminous by putting electroluminescent wire in them. Also a red LED strip was used as a light source.



The light sensors are at the end of blue luminescent wiring.

## Evaluation

The Final artefact is a digital sculpture where mirrors, light and monitors are my mediums. The meanings of the work are transparent to the viewer showing them what I thinking about but I wanted the art to be this way. People who are reflective of the work and converse with would get more out of it, perhaps.

Lots of changes were made from the conception of the project. The costs of the project could have been better planned. The components work best when they were setup more robustly for instance I made a box for the BX24 micro computer and that helped keep things together better. The monitors and infinity effect worked out well but the smaller mirrors could do with some improvement, like sorting out the angles. The light sensors need to be more evident on how they are used. The blue light can be liken to Paul Friedlander's light sculptures in my opinion, also the images on the monitor looked similar to some of the work by 4D Art. The artwork shares values with the mirror work of Yayoi Kusama. This artwork has revealed lots of things as I have made it not only artistically but I have learnt more on about myself about my style of work the end artefact is a portrayal of myself in the way it is built and ideas it presents.

“I am a deeply superficial person.”

“If you want to know all about Andy Warhol, just look at the surface of my paintings and films and me, and there I am. There's nothing behind it.”

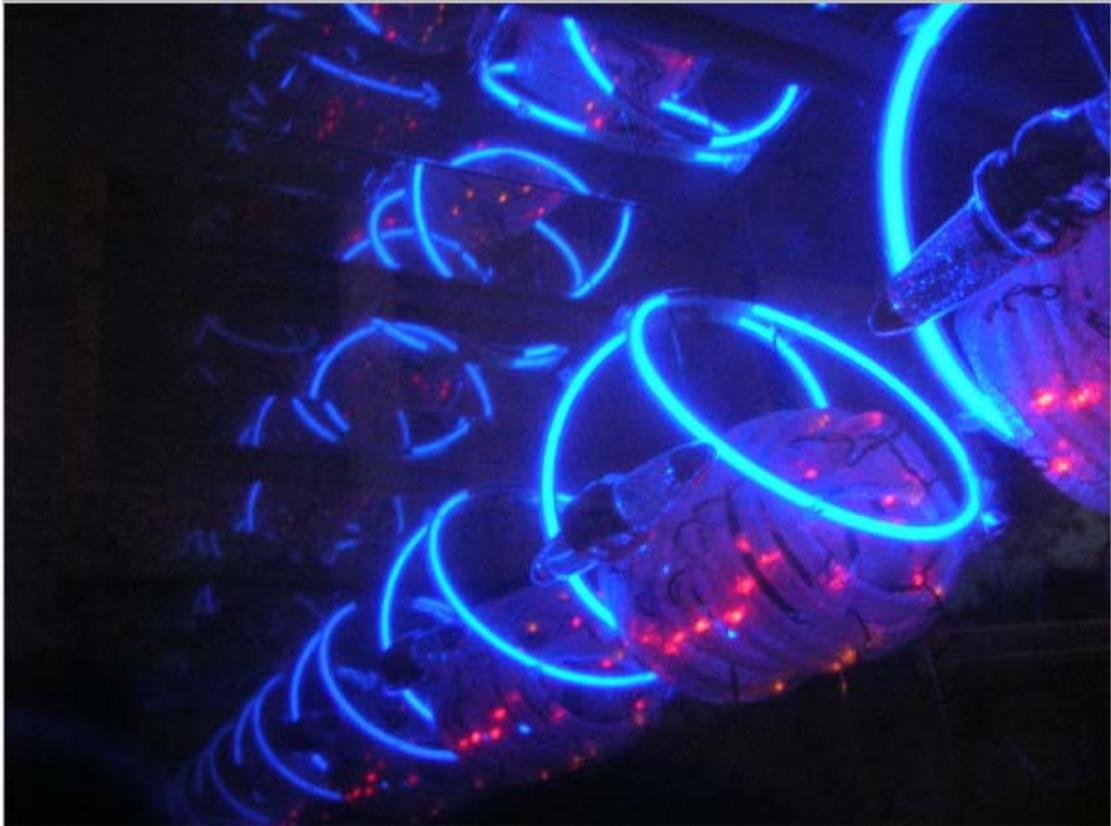
Andy Warhol

[http://www.nga.gov/education/classroom/self\\_portraits/act\\_warhol.shtm](http://www.nga.gov/education/classroom/self_portraits/act_warhol.shtm)

Here are images of the final artefact



The infinity effect



The infinity effect the light sculpture being repeated perpetually.



The infinity effect, looking at the repetition of the monitors.



Portrait of someone in agony. This image was formed by merging others to it done with the use of the light sensors and Processing.

## **Bibliography**

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