



BLIND NEW WORLD

Interactive Immersive Environment Construction

Group Work
Fall 2021

Adopting the storyline of the science fiction Brave New World, this installation established a multi-player theatre-like hybrid immersive interactive environment with colorful customized and personalized devices to enable everyone in the same environment to achieve diverse and unique multi-modal information.

By shaping different perspectives of different players in the same space, we try to discuss a model of advanced scientific society: a society that artificially shapes origins, physical qualities and values, allowing people to calm their emotions and develop according to the rational rules and programming of the society. Does the nature of such a society get stable prosperity or does it deprive people of the right to experience pain?

Assigned Work |

Intention Extraction
Structure Design
SOMA Console Design & Construct

Professor |

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Topic Material: The novel *Brave New World*



Artificial Embryo



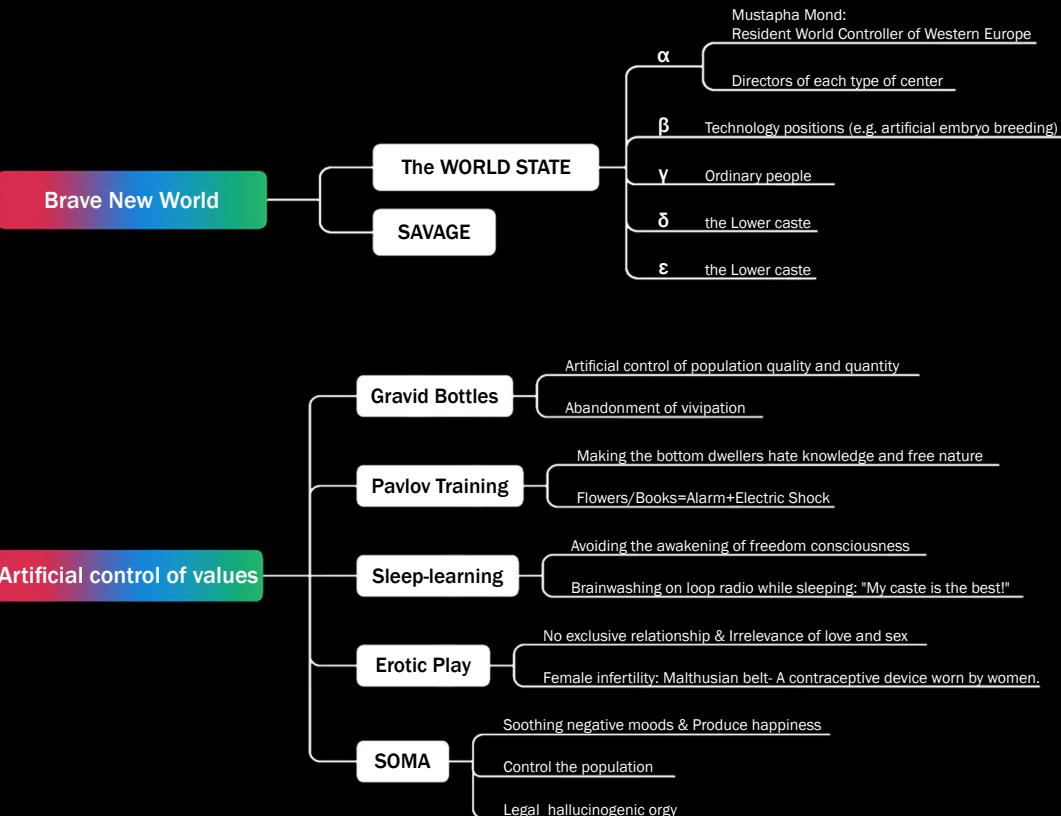
SOMA: Soothing Drugs



Hierarchy Differentiation

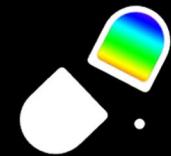
Programming life through technology:

A protection for citizens or A deprivation of experience?



Reading notes and Intention extraction for *Brave New World*

Interaction Design Principles



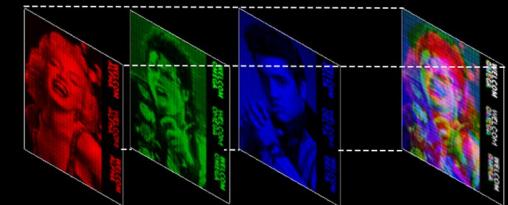
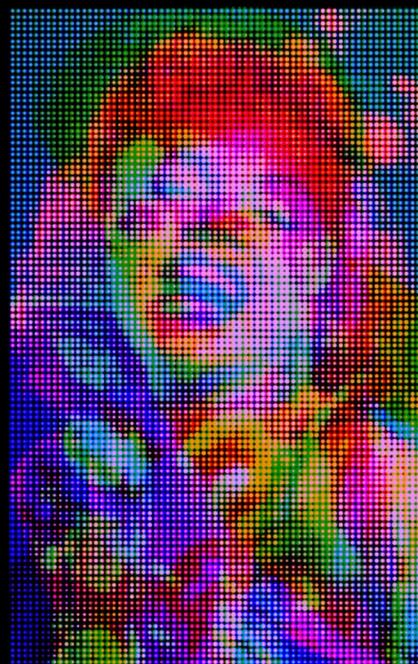
Circular self-consistent world

The circle shows to be centripetal and is heterogeneous with the orthogonal system of the site. It is able to involve the viewer into it and make it difficult to escape, forming an independent world.

Equipped with color filter glasses High dependency on SOMA

Everyone in the world wears filter glasses when building the world, mind off your troubles and give you pleasure - it's time to reward yourself! of the outside world. This is also in Take a SOMA in the rest zone and line with the original setting, that experience the feeling of going to the content of each social class heaven. Enjoy the gorgeous orgy! perception of society is designed.

Color Filtering imaging Principles



Information presented by channel overlay

The three channels R\G\B are superimposed as the final image after color halftoning. The purity of the image in the three dimensions is increased to prepare for the color filtering later.



Equipped with color filter glasses

Different people each have their own role to play in building society. Wearing color filter glasses makes people see what they are designed to see and think that their own caste is the best because of the filtration of information.

Instructions

i Claim your Castes Bubble®

Castes Bubble® is a necessity for your life in the New World. It is a proof of your legal identity. Please keep your Castes Bubble® with you safely and present it to the terminal whenever you need to verify your identity.

ii Exchange Information Collection Equipment

Hold Castes Bubble® close to the terminal until the indicator lights up when the terminal completes identity registration. Please pick up and wear the glasses with the same color as the indicator light. Then you can enter the acclimatization area once the equipment is worn.

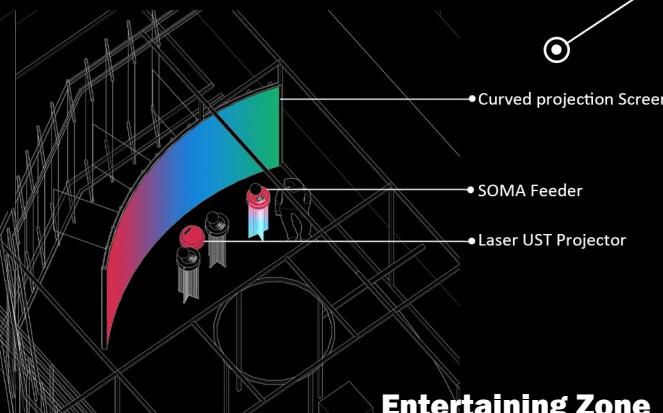
iii Finish Adaptive Training

Place your Castes Bubble® on next terminal and download the instructional file from Instructor. Adaptive training is an explanatory service set up for new citizens to adapt to life in the new world. In order to avoid losing your way in our perfectly functioning social system, please remember and trust only the advice that the instructor provides to you, so that you can fit into the new world and enjoy your beautiful new life as soon as possible!

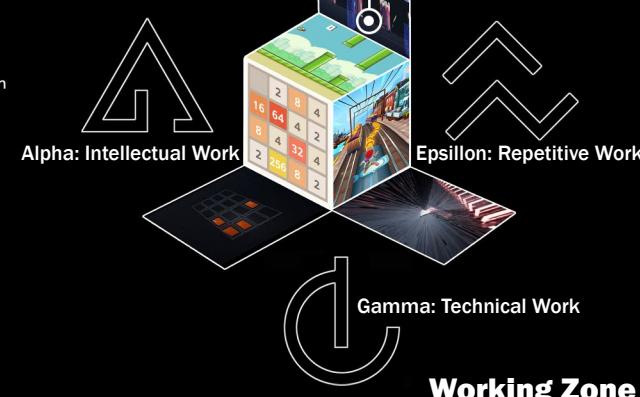
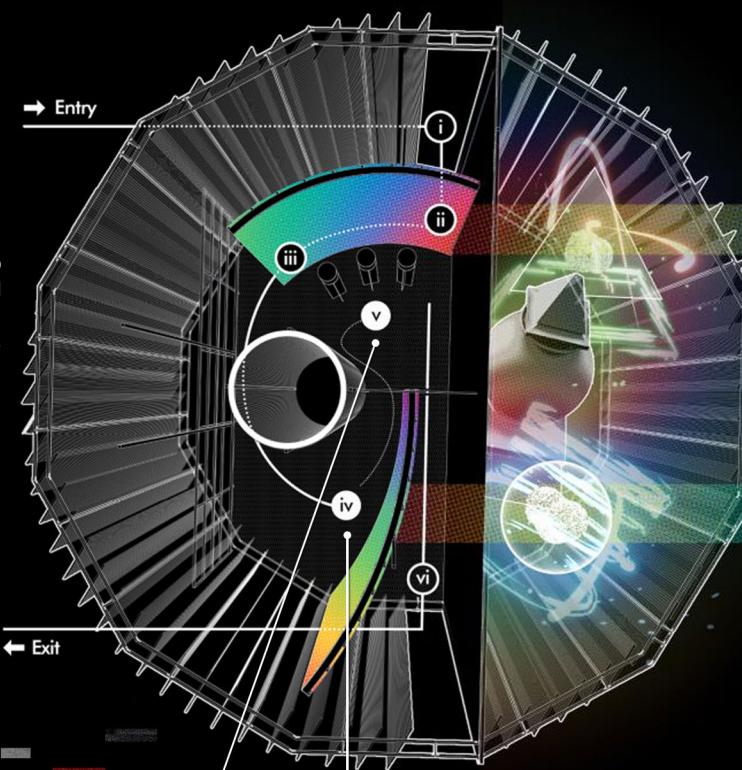


vi Escape the New World

Please be sure to drop off deactivated Castes Bubble® at New World Waste Disposal. SOMA will deactivate the bubble and drop off the waste.



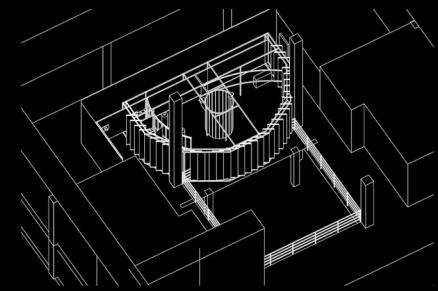
Entertaining Zone



Working Zone

Site & Construction

The project is located within an orthogonal system defined by a column grid, which is divided into a nine-box grid with a hollowed-out middle box creating a vertical space. The structure is located on the northernmost side of the site and partially extends into the open space.



v A SOMA cures all.

Place Castes Bubble® on the terminal to receive your SOMA allotment for the day's work. Every citizen who completes his or her work has sufficient authority to be happy. Although every New World citizen can feel satisfied and happy just by working, occasionally life can give us little shocks and make our emotions fluctuate a little. Brave New World has taken these into account and will offer a "little jelly bean" called SOMA. When feeling negative emotions, just take one and all the tension and anxiety will disappear, without any cost or side effects.

iv Fulfilling the obligations of a New citizen

Do our bit to the New World is the way for every citizen to realize his personal value, and you will definitely feel great satisfaction and joy by working diligently in working zone! The manual has been projected on the work panel in front of you, and Castes Bubble® will assist and remember your work. Please have fun after finishing your work!

Space Form Design

i Heterogeneity and Opposition

The curved form of the construction is different from the square orthogonal system of the site, causing a contrasting tension with it, indicating the antagonistic relationship between the World State and Savage Reservation. When viewers get involved in, they may find it hard to escape, experiencing a sense of immersion away from the outside world.

ii Addiction and Awakening

The entrances and exits along the perimeter of the building are limited by guide walls to build a buffer sequence, and the entrances and exits are hidden to give way to the independence of the world.

Entry: Viewers enter the new world by mistake from the "SAVAGE" perspective;
Exit: The new world collapses or the independent consciousness awakes.

iii Dualistic Society

Life=Workaholics+Hedonist

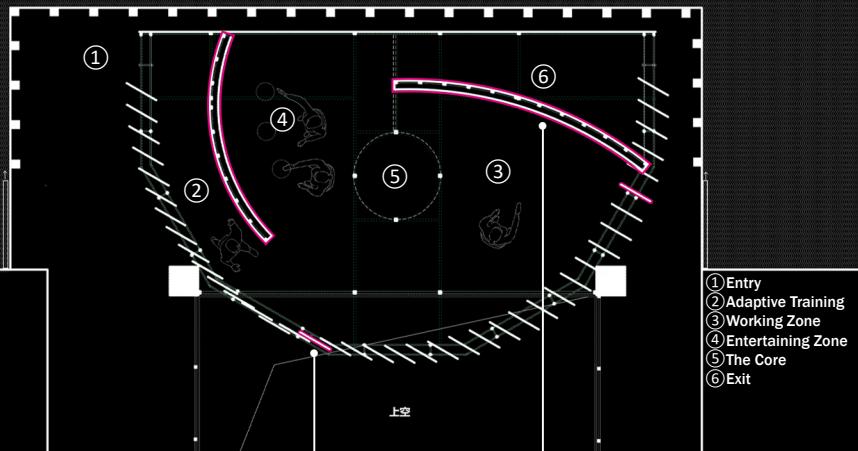
Working Zone: Because of the filtration, everyone thinks that they take on the most important work and contribute the most. They are of course proud of it.
Entertaining Zone: SOMA dependence and instant feedback. When pressing a button, the effects on the screen become pleasant and iridescent.

iv A Glimpse of the Real

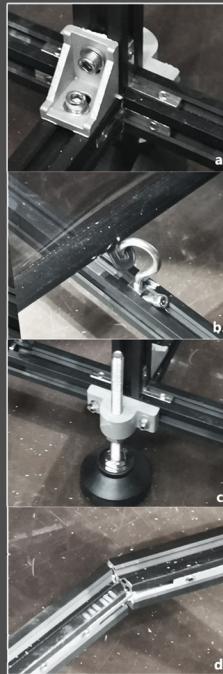
The core of the new world (CONTROLLER) understands everything about the real world;

Physical Construction Process Records

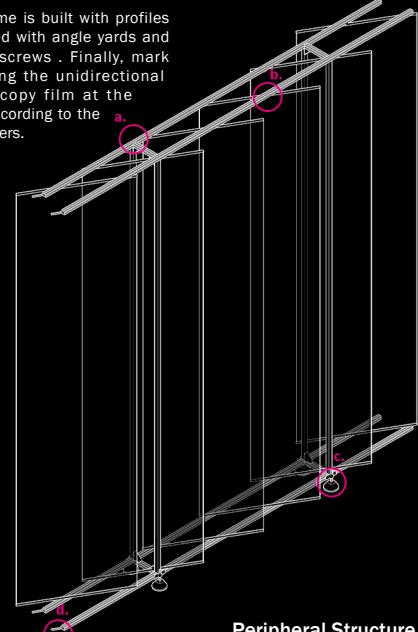




Scheme Plan



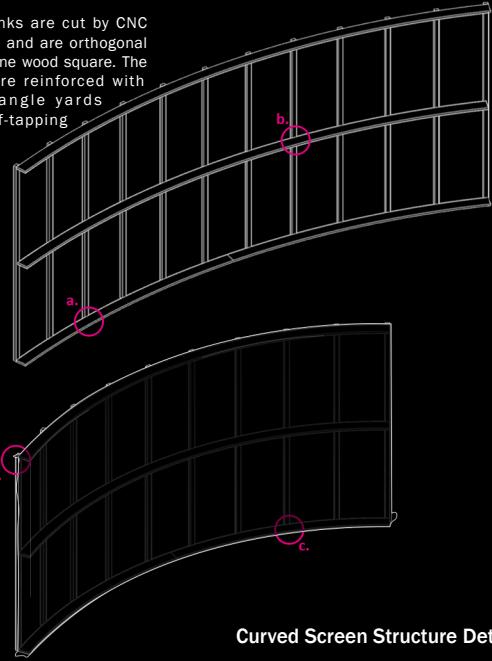
The frame is built with profiles and fixed with angle yards and socket screws. Finally, mark and hang the unidirectional fluoroscopy film at the mark according to the a. parameters.



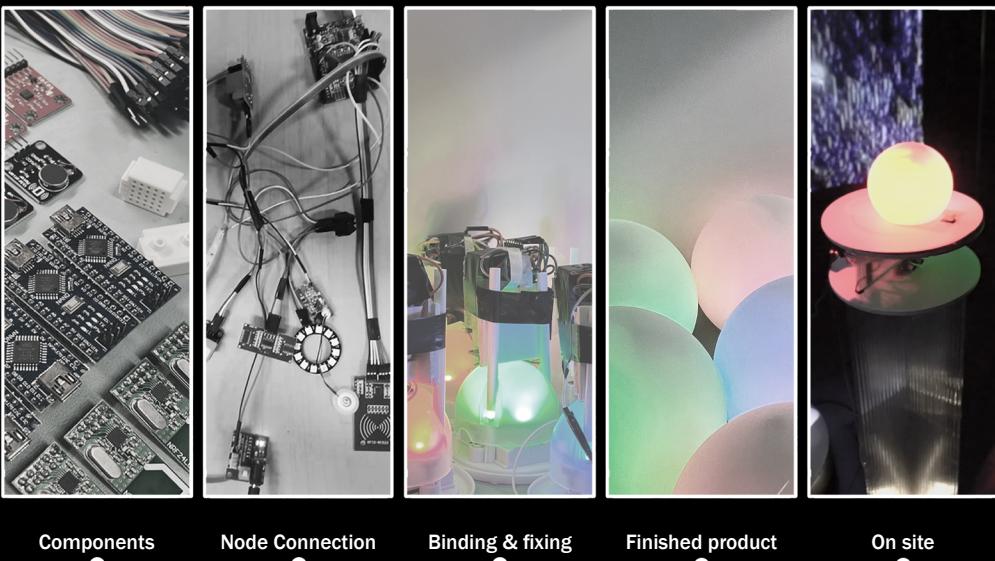
On-site Records



The planks are cut by CNC machine and are orthogonal to the pine wood square. The joints are reinforced with metal angle yards and self-tapping screws.

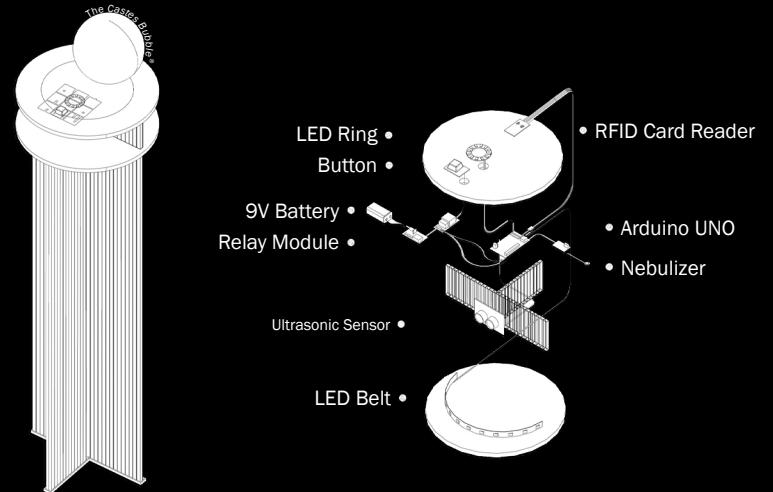


Assembly process of interactive devices

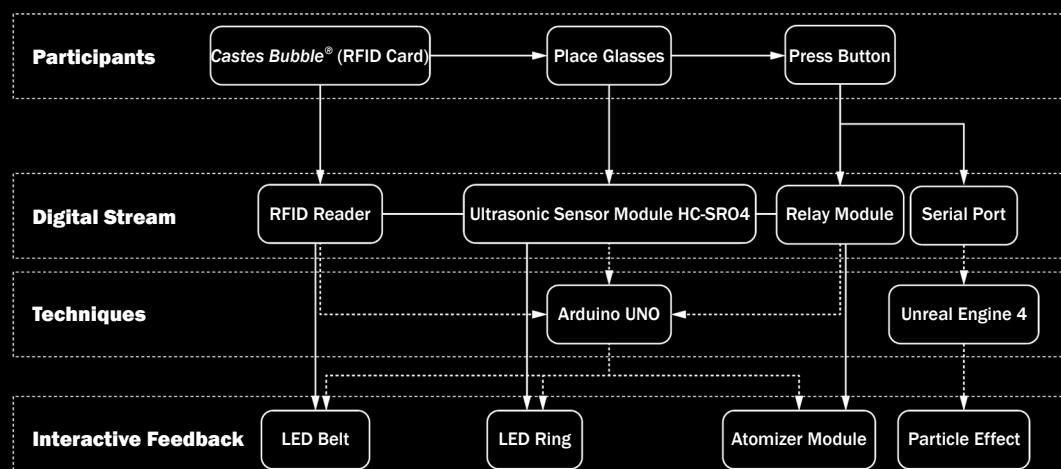


Interactive Device Details

SOMA Feeder: the Console



The Interaction Design Logic of Console



Somatic Interactive Sphere: Castes Bubble®

