Project Definition

This project seeks to generate connotative sounds by revealing suggestions about the mood or character of the person by his/her doodles on the paper.

Goals

"Doodling" that we all do in our daily lives, is an act of mindless drawing when the person's attention is occupied with something else, bored or s/he is daydreaming. According to researches, "... even the most innocent doodle may carry messages from the unconcious." As well, there is a correlation between the emotional state of the doodler and his/her expressive doodle.

- revealing suggestions about the mood or personality of the doodler by her/his drawings

Objectives

- generating connotative sounds that reveals the mood or personality of the doodler
- generating connotative visuals

This project will reveal suggestions about the mood or character of the doodler by analyzing the placement of his/her doodles and express them via generating connotative sounds and visuals.

Target Audience and User

We are doodling, yet we are not alone. Tony Blair, Leonardo da Vinci, Bill Gates, Lyndon Johnson, Ralph Waldo Emerson, Ronald Reagan and Obama were some of the well-known doodlers in the history.

Target audience of this project will only exclude children because of the fact that the suggestions about the mood and the personality of the doodler would be invalid for them.

Background Information

My interest in generating sounds from drawings started when I was looking for audio-visual projects at the begining of the lecture. My main motivation was generating sounds from drawings because of the fact that as a visual communication designer, I can draw while I cannot play an instrument or generate music.

After a set of researches I noticed that the creation of a generative sound device that transforms visuals to sounds is not new. I researched for many projects. As an earlier example, I researched on Oramics Machine that created by Daphne Oram in 1960s. Her machine enabled to transform drawings on a magnetic tape to sounds. The transformation of the drawing was mainly consist of image processing. The camera reads the drawing and turns it into data that can be processed. In other projects, commonly and mainly, there is a disk and turntable. The camera reads the black spots per slices.

By means of black spots, as design students, in our lectures we learned that arrangement of the elements such as texts, photographs etc. namely black spots on a page suggest meanings. When I researched further I found out that page placement of these spots reveals moods and character of the designer.

Then I focused on "doodling" that is unconscious act of the absent mind according to Freud and Jung. Doodling always perceived as a negative act because of its association with boredom and daydreaming. It is described as an act of unconcious. A research states that "... even the most innocent doodle may carry messages from the unconcious." In Davos, 2005, Tony Blair left his pages that is full of doodles in his seat. "The papers were covered in doodles: circles and triangles, boxes and arrows." His doodles were analyzed by a graphologist and according to the journal, "... experts quoted in the Independent and The Times, the prime minister was clearly "struggling to maintain control in a confusing world" and "is not rooted." Worse, Blair was apparently, "not a natural leader, but more of a spiritual person, like a vicar." This was a powerful statement that could be achieved by Blair's drawings.

In that sense, our unconcious doodles generates suggestions about our emotional statements and personalities. According to researches, as symbolically they generate suggestions, also, the arrangement of them creates suggestions. My interest is in the latter. In reference to researches starting to doodle on page from the center reveals a self-centered, attention seeking personality, on the top it suggest energetic connotations, in contrast, doodling on the bottom of the page has negative connotations such as self-doubt or depression. Doodling on the left side of the paper suggests nostalgia and regret while doodling on the right side reveals inner feelings as, being in need of communication.

Detailed Project Description

The Installation

There will be blank A4 papers, viewer will put the paper on the area that indicated in the installation and start to draw. As viewer doodles, connotative film quotes and sounds that in relation to suggestions about the mood and the personality of the doodler that originated from the page placement of the doodle will be generated.

For an example, Max as a viewer reaches to my installation,

If Max doodles on to the center of the paper, as researches suggested a *self-centered, attention seeking* sound that will be generated. If she doodles on the top, a sound that connotates *energetic, free-thinking, spiritual* character will be generated while *self-doubt* and *depression* suggestive sounds will be produced when she doodles at the bottom of the page. Lastly, if she doodles on the left side of the page, sounds that evokes *nostalgia* and *regret* will be generated while sounds that suggests this person is *in need of communication* at the right side will be generated.

Every user will generate his or her unique sequence of sounds and visuals that generated from their placement of doodles.

Scope of the Project

What will be recovered

- interpretation of the placement of the doodles on the page
- generating connotative film quotes and sounds according to suggestions

What will not be recovered

- interpretation of symbolic meaning of doodles

Required Know-How Requirements

I will learn and enhance my skills on,

- image processing
- film theory
- sound design
- sound mapping

Difficulties & Risks

The main risk of this project can be lack of a strong conceptual framework.

Phases of the Project

1. Learning image processing

2. Making qualitative researches on doodles.

3. Study on conceptual framework

4. Creating an archieve of sounds

5. Learning sound mapping

6. Creating sequences of sounds

7. Study on harmony of sounds

8. Testing of the coding

9. Final test and fixes

10. Preparing the installation, study on details

11. Promotion

12. Documenting

13. Presentation

Criteria of Success

At the end of first semester, this project will be successful if I can develop a clear conceptual framework that comprises relation between doodling and film sounds and make a camera to read the coordinates of the doodles on the paper. Briefly the achivement of first two steps.

Bibliography and Resources

Dyskograf
https://vimeo.com/51700038

http://www.youtube.com/watch?v=QJQUPRPJ8yM

http://www.youtube.com/watch?v=rTpzk-Yd4Y4

Color a Sound
https://vimeo.com/11606420

Loopseque
http://www.youtube.com/watch?v=bNv2pCdNqJI

Oramics Machine, Daphne Oram
http://www.youtube.com/watch?v=QJQUPRPJ8yM

Dyskograf in Progress
http://www.themethodcase.com/dyshograf-by-avoka/

Why do we doodle?
http://www.theregister.co.uk/2006/10/13/the_odd_body_doodling/

Page Placement
http://drawsketch.about.com/cs/tipsandideas/p/doodle_place.htm

Cognitive Psychology
http://icproxy.sabanciuniv.edu:2113/journal/10.1002/(ISSN)1099-0720

The Lost Art of Doodling
http://www.smh.com.au/federal-politics/society-and-cul-
ture/the-lost-art-of-doodling-20091006-gkah.html

Doodling as a Creative Process
http://www.enchantedmind.com/html/creativity/techniques/art_of_doodling.html

Bored? Try Doodling To Keep The Brain On Task
http://www.npr.org/templates/story/story.php?storyId=101727048

The Relationship Between Emotional State and Doodle Complexity
http://www.capital.edu/uploadedFiles/Capital/Academics/Servic-
es_and_Programs/Undergraduate_Research/Epistimi/Content/The%20Relationship%20Betw
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