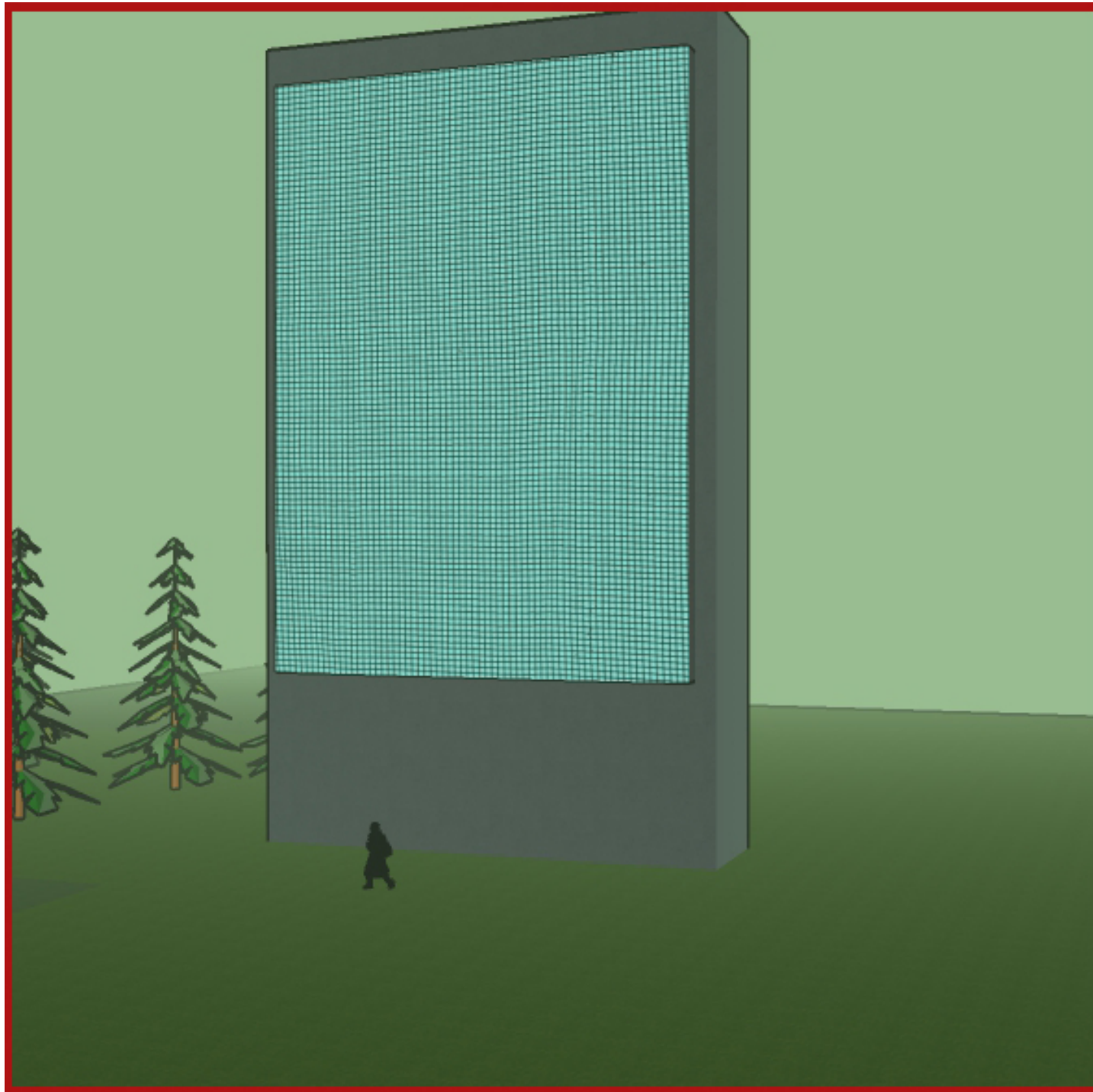
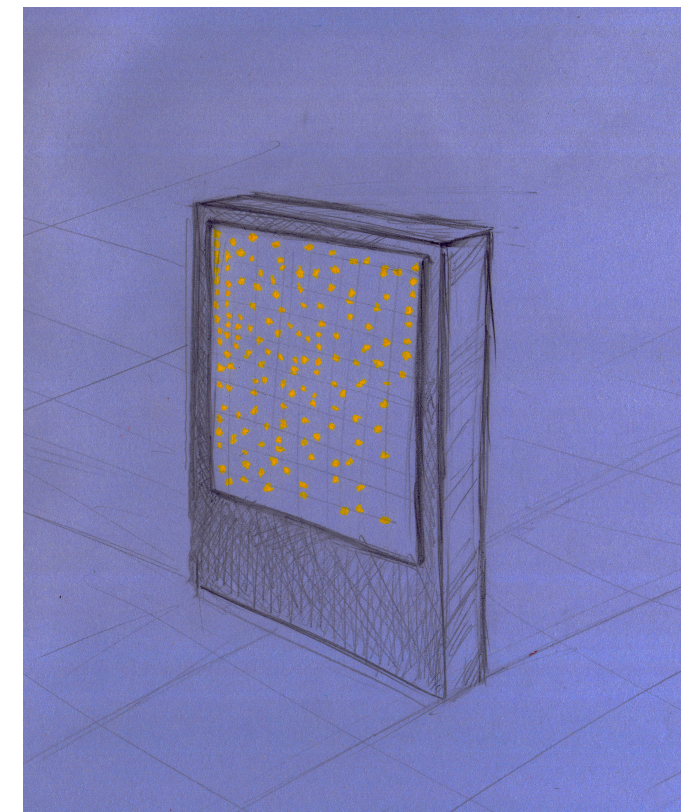


# The Light Board app - TBL app



## *Idea*

The light board consisting of the collection of the small square (or dot) shaped lights creating a unified whole. Installed in desired public spaces. The light boards are connected to and controlled by Online and open-source interface such as an App. Citizens each by login civic code can access the Online interface and apply changes on the main board. By simply switch off and/or on (as well as other attributes) each single light. The idea has potentials for many variations. It has social aspects and uses as well as entertainment and aesthetic.



*Colors; In addition to switch on/off the light, ability of color changes.*

*The presented idea is in the context of an interdisciplinary art piece and concept development. It does not tend to solve advanced technical issues of the project. Though idea is simple in general might have a broader impact.*

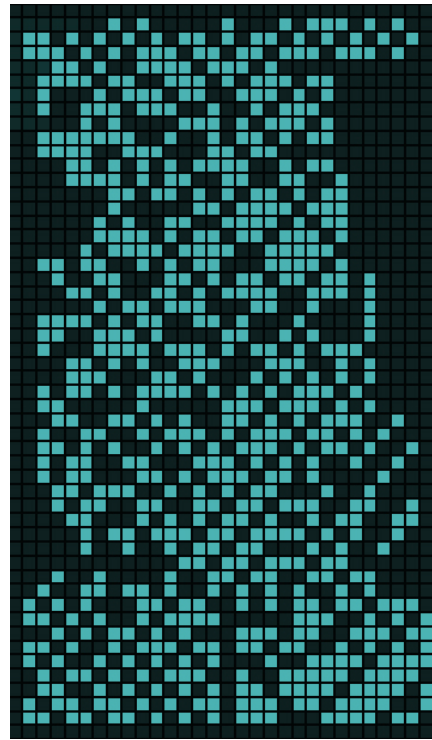
## Architectural-Structure

*The simplistic sketches are presented to show the main concept and clear idea. Variety of constructions and forms can be considered for this project. From exterior/interior spaces, on the ground level, etc.*



## Concept-Object

It consists of a (or few ) large - monumental size - light board ( The Light Board ) meant to be installed in public area(s). Collection of squares which create a unified whole. Every single lamp can be lit and switched off. This function can be controlled by citizens ( with civic access/log-in code) via the Internet and digital apps. Simply by each click, a citizen can turn on or turn off the lamp(s). Limitations on this function can be considered based on the experiment and preference. On the idle time, the light board can be used for different purpose. An Online (open-source) user interface for the board on the Internet or specific app simply resembling actual board. My idea is each citizen based on their electronic identity and social number can access and influence the result appearing on the light board



Details from the Light board

## Technical

The light board can be upgrade to more advanced technology while keeping the main concept. Via already Existing technology this can be upgraded into 3D model as well (in addition to light effects). Idea is referring to 'Shape shifting Display' invented by MIT's tangible media. Look: <https://www.technologyreview.com/s/523101/inform-an-interactive-dynamic-shape-display-that-physically-renders-3-d-content/> Have in mind that an open-source system for the project (programming). Spectrum of use differ from any citizens with access to Internet to Media Art and programing experts; who can assign more intricate designs.



## Social&Virtual

The work is capable of much more than just visual stimuli and entertainment. On necessary and critical occasions the light board can be exploited as a powerful tool for activism as citizens can direct the visual outcome of the light board into desired shapes, forms and even text.

It is important to note that citizen users can start to interact with each other (without knowing each other) and engage in a creative play. This can burst people's creativity with very simple elements. They will engage and begin the creative behaviour without realizing it or knowing they were capable of.

In such a system there is speculation of misuse or unpleasant use which 'civic login code' and some rules can be enough to regulate the idea. In any case, it is a direct reflection of citizen's attitude. It is up to city commission what to be banned and what to be allowed.

## Events&Festivals

The light boards can be used for urban open festivals or art fairs as well. Reservations (partly) for events and festival can be made possible depending on the will of citizens and their representatives (direct voting can be made easy). This can happen alongside live access of citizens or event participants the light board.

## Online Platform

As I mentioned above citizens register with their social number. By this, idea is to practice open expression between citizens of the society. The fact is that no one needs to hide anything. Everyone's opinion is well respected. Depending on the social needs the functions can be adjusted only for citizens' direct use or in the time of necessity for public announcements. (this can relate to the area of installation).

## Data

Keeping track on how many people are interacting at the particular time. (all info preferably to be accessible by public.)

## Mobile App

The Project will rely on the mobile app as its main interaction portal. All users can remotely interact with the system. As well they can see the result of their interaction live.