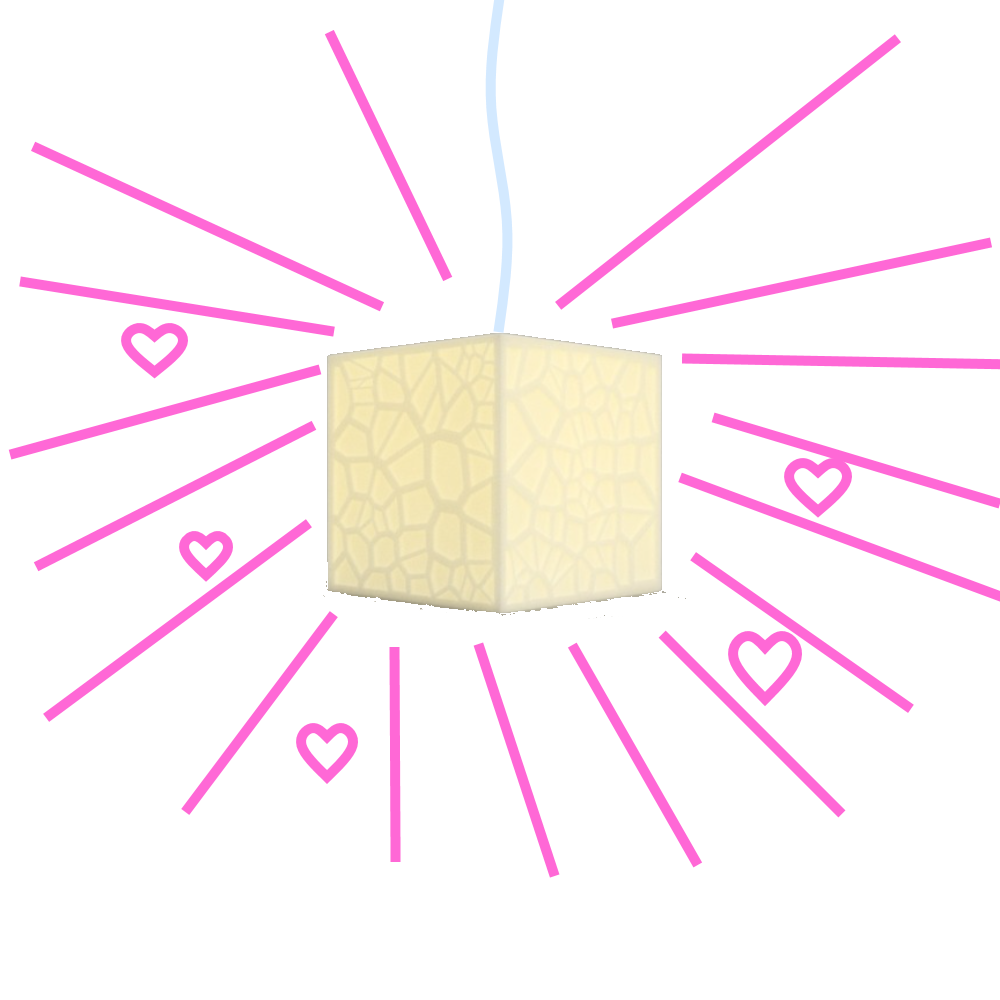
Pressure Cooker Project

Ik-denk-aan-jou-lamp

(I-think-of-you-lamp)



Calvin Bots, Max van Hattum en Sander Wesseldijk

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1. Introduction

Context

With our Pressure Cooker project we wanted to make something nice for patients at the oncology department of an hospital. In this document it will become clear to you what we have come up with to relieve some of the loneliness a patient might feel when dealing with the disease; cancer.

Objectives

With this project we were asked to come up with any solution to a loneliness feeling a patient might endure during their stay at the hospital. So we thought of something warming, to make them feel unforgotten and perhaps make their life a little less painful. The I-think-of-you lamp is a lamp hanging above the foot-end of a patient’s bed. The lamp will light up when a family member clicks on a simple button to express their thoughts to the patient. The lamp will stay on for 5 minutes and can light up in different colors.

1. Methodology

The Lamp – Arduino ESP8266

The Infrastructure behind the lamp – Reverse Proxy

The Infrastructure behind the lamp – API

1. Results
2. Appendices