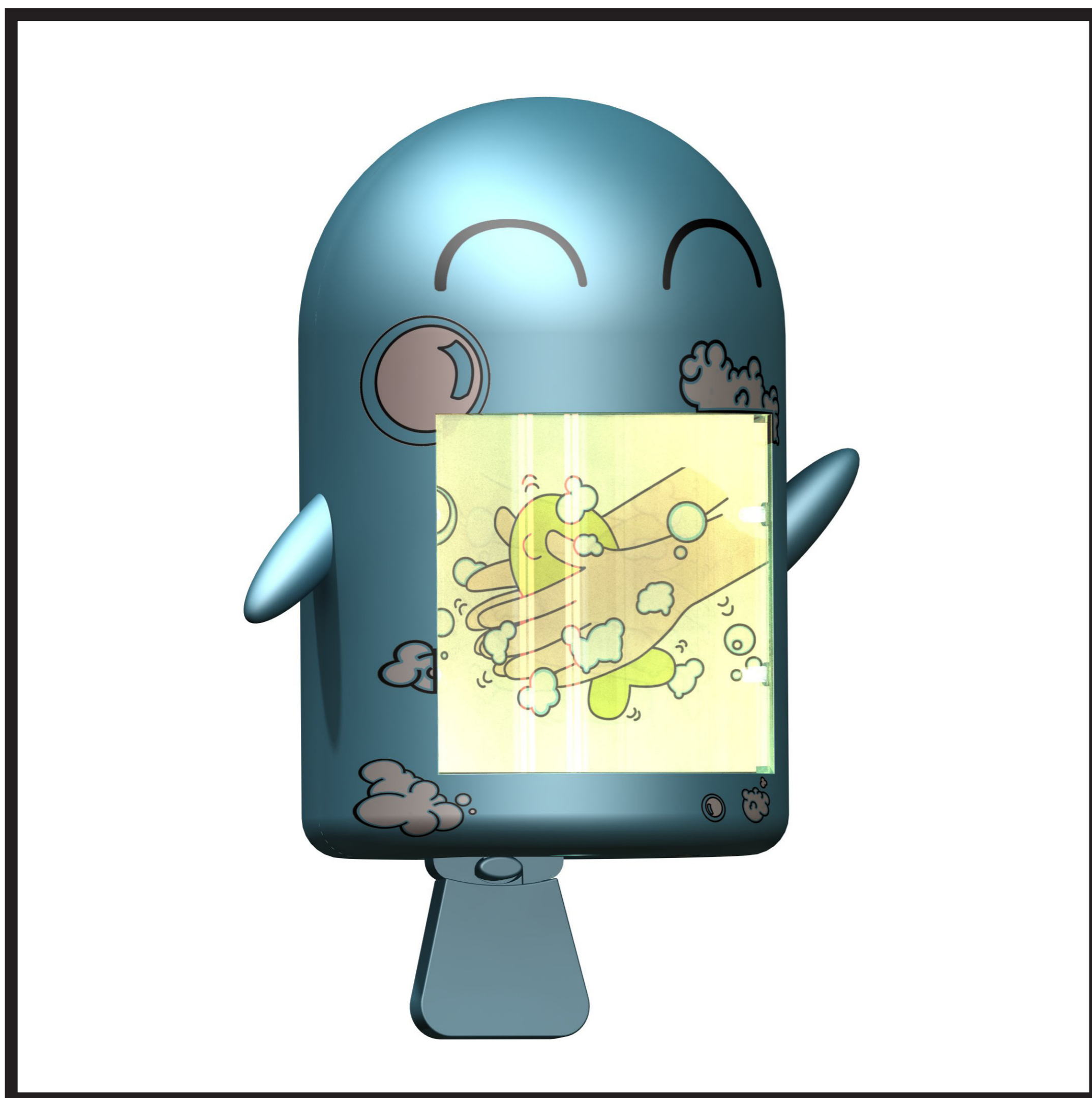


Hand Hygiene

The current hand hygiene facilities at child day care centers are designed to make hand washing possible and comfortable. They do not stimulate children to wash their hands better and more often. This is an important topic because the transmission of viruses and bacteria at child day care centers remain to be high.

Happy Hand Hygiene

Design of a dispenser for children to improve hand hygiene at child day care centers

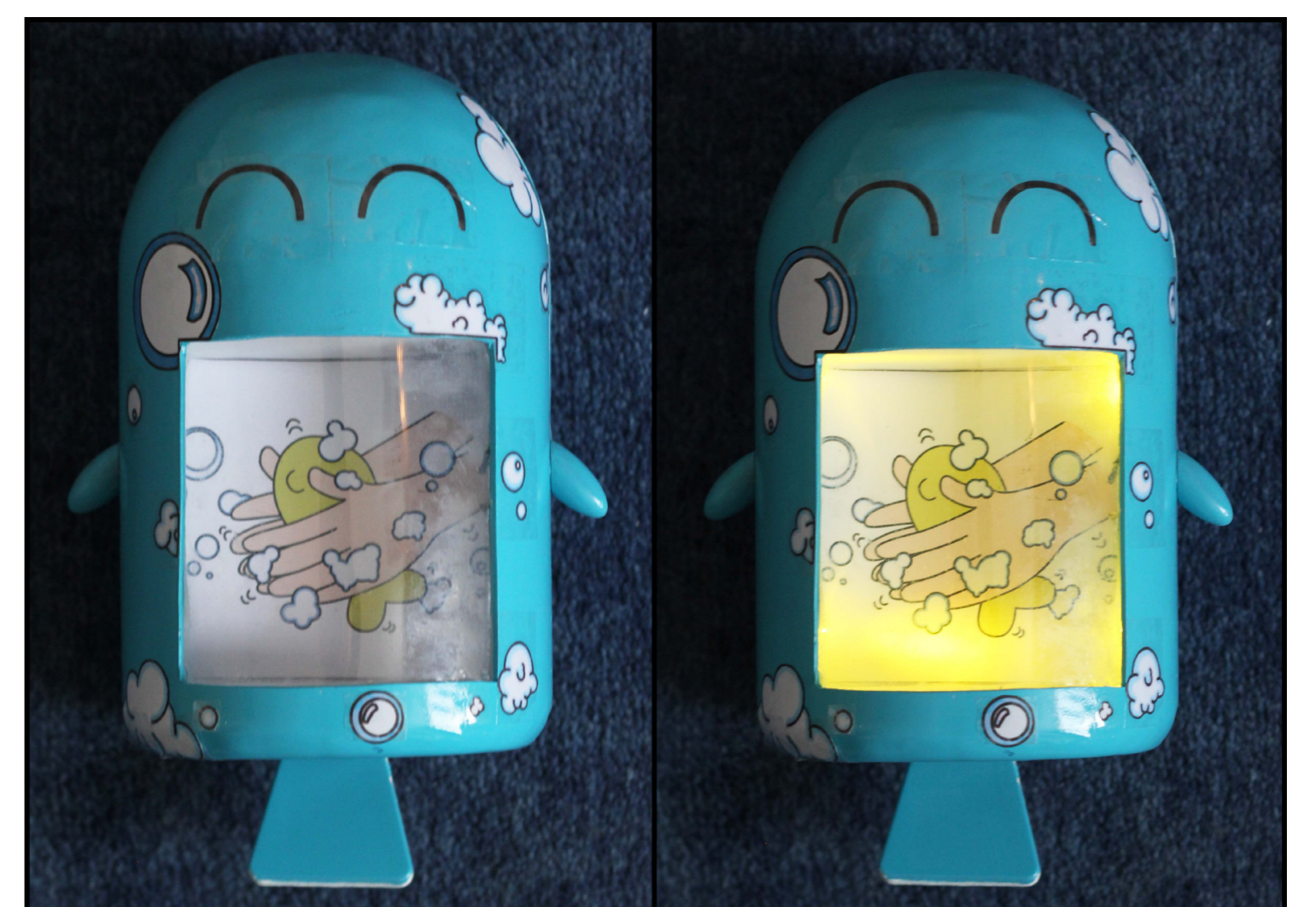


Final Design

The final design of this project is the 'Happy Fish'. It is a soap dispenser for children with a couple of special functions. First of all a light turns on when the soap is used. This light indicates the time that the hands should be washed (10 seconds). The goal of this function is to stimulate children to wash their hands for a longer time. Next to that the dispense button is detachable. This means caregivers can take the button of the dispenser when they do not want children to play with it. Finally the dispenser is made to fit in a hand washing story, which teaches children to wash their hands at the necessary moments.

Project Approach

During the project literature research and field research has been carried out to get information about the key stakeholders of this project. From their point of view various ideas has been generated in the ideation phase, followed by the conceptualization phases. Finally one concept has been optimized into a feasible product.



Mankin Chan
Happy Hand Hygiene
27-10-2011
Integrated Product Design

Committee Dr.ir. M. Melles
Ir. E.J.J. van Breemen
Company Erasmus MC
GGD Rotterdam-Rijnmond

 TU Delft