

Visual Telephony

Group members

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Introduction

This is a wonder document for delivery in the course Inf3260 – “Human computer interaction (HCI)”. The project group consist of 3 members which will look more into the possibilities of making a telephone exhibition for the "Children's museum". The idea we came up with is to have children play with telephones, and add the element of visual communication. The visual communication could either come in the form of a live video feed such as a web camera, or through physical line of sight. We know there are a similar exhibition at the "Teknisk museum", so we might want to look at what they have made, and maybe do a survey with children and find out how one can improve it.

Assumptions

- Children enjoy playing with audio devices like telephones
- Adding a visual aid will make the communication more personal and fun
- Children like to interact with other children on their own terms
- Through the exploration of telecommunication, children can learn about how modern communication works
- Children enjoy playing with visual devices

Claims

- There is room for improvement in current visual communication devices designed for children
- Connecting a fun and voluntary form of interaction with learning, will give the children opportunities to learn while they play
- Children will be able to reach out and connect with other children throughout the museum
- It is easier for kids to make contact through interaction with a common medium

Project Concept

We will try to conceptualize a visual telephone exhibition where the focus lies on interactive learning through playing with children sized telephones. The concept is still under development, but the general idea is to have a circle of telephone booths with visual contact between booths. When viewing the other telephone booths from your own, one can see what number to dial to reach the different other booths. In the center of the telephone booth circle, one might add visual information on how a telephone communication works. A possible element to add to the exhibition is to give each telephone booth a different theme. The themes of the telephone booths can make the exhibition more fun to play with, and maybe add an educational aspect. For instance make each booth represent a different geographical continent. Another idea we have is that we might make the telephones be placed at different locations in the museum, and that the children can phone each other and at the same time be given a visual communication through a screen.