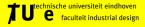
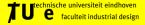


DC 126





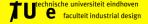
- Project description
- Research
- Concepts
- Interim meeting





- Good comments after interim.
- No mp3-player available for kids.
- Best concept.

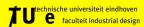






- Basic research.
- Looked at existing players for kids.
- Went to elementary school.
- Contacted expert about controls.

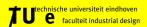






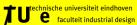
Conclusions

- Children learn very quickly.
- Children know how to control existing products.
- Children like products that have a special feature.
- Very small children don't have interest in a music player but love to have a karaoke machine.



Research







Controls

Understandable for kids

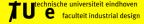
Portability

- Easy to grab handle
- Straps to make it a backpack

Design

- Round shapes
- Durable
- Lights for the "disco"
- Built-in speaker and a microphone







Specifications

Shape

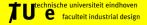
Round half sphere to provoke tilting.

Controls

- Combination of touch and movement triggers an action.
- Shaking two connected 'Wiggles' will exchange the playing music.
- Rotating when holding both handles will turn the volume up or down.

Technology

- Combination of tilt- and capacitive switches.
- IC for controlling the LED's.
- Newest mp3 storing and playing technology.
- Wired microphone with a record button.



Specifications

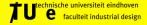
Material

- Soft, nice feeling plastic (non-toxic)
- LED's, electronics and metal

Colour:

- -Green
- -Blue
- -Purple





Questions??