

Advanced Prototyping Project Book

01-Concept Development

Problem Statement

There has not been a fun, quirky, and mysterious fortune telling gadget to take individuals ages 7 to 22 by storm for years and this curious market holds built up potential.

Proposed Idea

A new comedic fortune and mood-telling toy will fill this void by digitally measuring users' electrical conductance and outputting a personalized message on an animated screen.

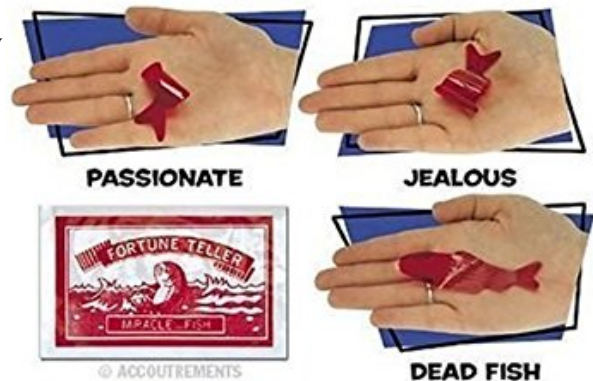
Influences

The three influences that I plan on drawing the majority of my inspirations from for this device are as follows:

1. Fortune Telling Fish

How will this influence the design?

- The simplicity of this design and the way that it physically moves and changes in front of the users' eyes is intriguing
- The messages delivered by this toy are vague and leave room for mystery
- By not explaining how the fish is able to move, users are even more amazed
- Essentially this toy will influence the overall concept of the new design rather than the physical structure



URL:

(Picture)

https://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwj796Cr_NzYAhVskeAKHfCYBokQjRwIBw&url=https%3A%2F%2Fwww.amazon.com%2F144-Fortune-Teller-Miracle-Fish%2Fdp%2FB002481FEQ&psig=AOvVaw06vTf8lhp_5LBvTG-YatL7&ust=1516208142369504

(More information)

<https://www.thoughtco.com/how-fortune-teller-miracle-fish-works-607867>

2. Fib Finder

How will this influence the design?

- This toy has a groove around the spot where the user must place their finger and it which works well as a signifier and adds comfort
- Later versions of this toy embedded sensors into that grooved space, which will also influence the design of this new toy and smooth sensor placement
- The direct nature of the claims of this toy stir up exciting/nervous energy



URL:

(Picture)

<https://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwjgZ5uAhN3YAhXhdd8KHfHnCRoQjRwIBw&url=https%3A%2F%2Fwww.amazon.com%2FElectronic-Fib-Finder-Board-Game%2Fdp%2FB00004TFYZ&psig=AOvVaw2Y5Qkq7lXeyyop90hiav7R&ust=1516210596452784>

(More information)

<https://boardgamegeek.com/boardgame/13158/fib-finder>

3. Wii Controllers

How will this influence the design?

- The horizontal layout of these controllers allows a slim device to comfortably fit in two hands
- Grooves and overall structure of these controllers, especially the top pictured, instruct users how to hold the device
- The slim nature of these devices makes them look more sleek, modern, and futuristic



URL:

(Picture 1)

<https://vignette.wikia.nocookie.net/nintendo/images/d/d1/Virtualconsolecontroller.jpg/revisio n/latest?cb=20071214143138&path-prefix=en>

(Picture 2)

<https://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwji7sqhh93YAhXvSN8KHcVZDfMQjRwIBw&url=https%3A%2F%2Fwww.amazon.co.uk%2FNintendo-Wii-Remote-Plus-White%2Fdp%2FB0045FGET2&psig=AOvVaw3W9zvja8aOF4EPS9AdriXM1&ust=1516211799610146>

(More information)

https://en.wikipedia.org/wiki/Wii_Remote