

工業工程專題

工業設計產品-跳舞用運動手環

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Watch-Ou

流程與架構

Motive

- Understanding
- Customer need
- AHP analysis
- Benchmarking

Born of concept

- Black box
- Concept tree
- Sketching

Concept selection

Selection method

3D Model

- Modeling
- Rendering
- Color scheme
- Hierarchy diagram
- Product package

Motive

Understanding the problem



Understanding the user

The Watch-Out is specifically designed for street dancer and battle dancer, who aim to improve his dancing skill no matter when or where it is.

Customer need

The Watch-Out is specifically designed for street dancer and battle dancer, who aim to improve his dancing

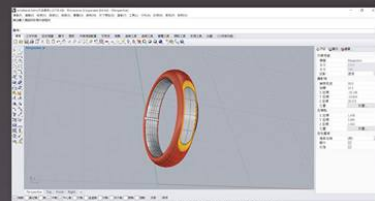
	M101	M102	M103	M104	M105	M106
1. 問題分析
2. 顧客需求
3. 市場分析
4. 概念發想
5. 概念選擇
6. 3D模型
7. 渲染
8. 包裝設計

Concept selection

Criteria	Weight	Option A	Option B	Option C	Option D	Option E	Option F
Screen Design	0.35	0.25	0.15	0.35	0.20	0.10	0.05
Body Design	0.25	0.30	0.20	0.10	0.25	0.35	0.05
Material	0.20	0.10	0.35	0.25	0.15	0.10	0.05
Functionality	0.20	0.15	0.25	0.10	0.30	0.15	0.05
Cost	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Weighted Sum		0.21	0.24	0.27	0.20	0.18	0.05

In concept selection section, I scored for the two major parts, which are the screen design and the body design part respectively.

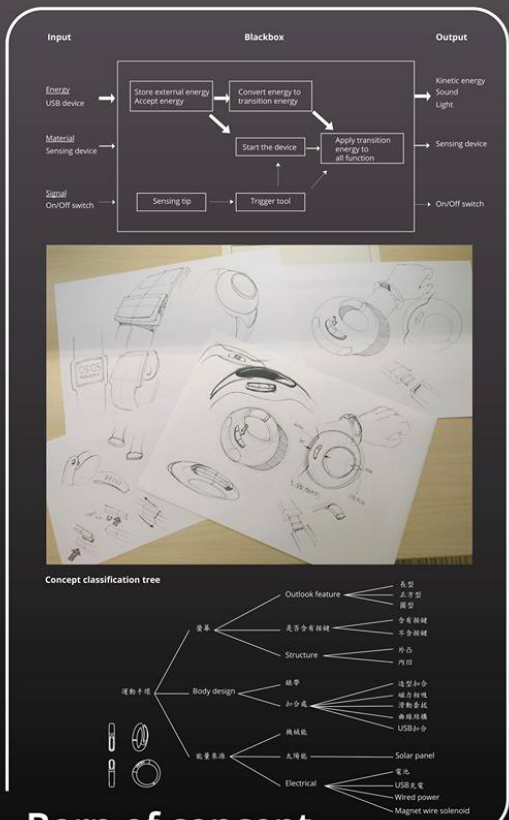
3D Model



Watch-Ou
YOUR TEMPO,
YOU DEFINE IT.



Hierarchy diagram



Born of concept

