

Achievement projects

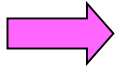
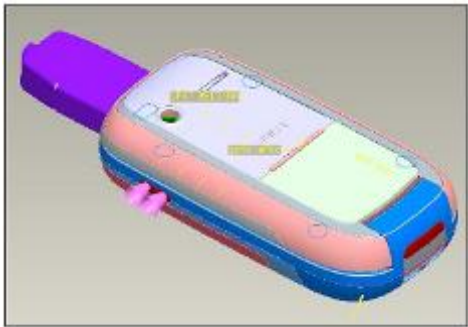
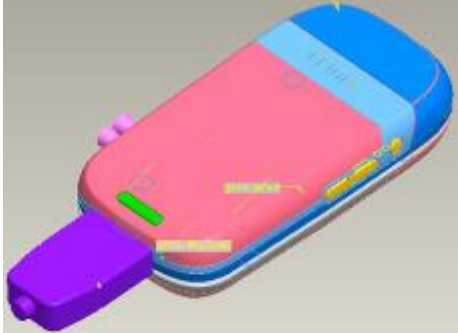
Mobile phone-1: ODM



Phillips Xenium 9@9s

Developing phase:

1. Main designer of parts of modem assembly
2. Design analysis:
 - (1). Design meeting: design proposal evaluation and solution confirmed
 - (2). DBOM: generate the design BOM for designer & QA auditor
 - (2). RCA: design root cause analysis; for mockup sample
 - (3). DFMEA: design failure mold engineering analysis from QA auditor
 - (4). DMP: design matrix plan by designer & QA auditor
 - (5). DCA: dimension calculation analysis by designer & DL
 - (7). EBOM: assist engineer to generate the engineering BOM for try shot phase in advance
 - (8). 2D & fixture: In charge of drawing output & fixture design for second process as heat staking & ultra-sonic.
3. Tooling concept
4. T1 ~ T4 phase: molding discussion
5. Tooling transfer phase



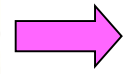
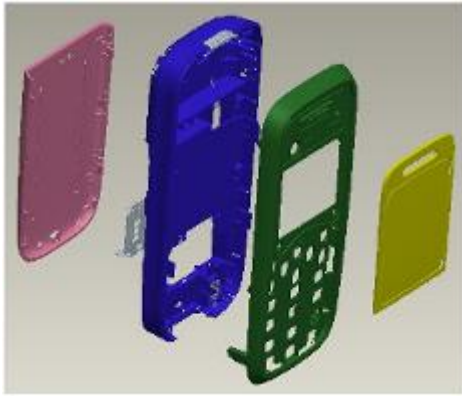
Mobile phone-2: OEM

Developing phase:

1. Main engineer to conduct the try shot phase till mass production
2. Tooling concept: tool knowledge discuss with tool department.
3. T1 ~ T5 phase: molding discussion, FAI & Cpk report to Nokia, bug list, measurement fixture, molding machine coordinate & arrangement.
4. Tooling transfer phase



Nokia 1110



Walkman: OEM

Developing phase:

- 1. Assistance engineer to support the try shot phase till mass production
- 2. Tooling concept: study how to deal with tool shop and molding technician
- 3. T1 ~ T7 phase: molding discussion, FAI & Cpk report to Philips, bug list, measurement fixture, molding machine coordinate & arrangement.
- 4. Tooling transfer phase



Apple iPod



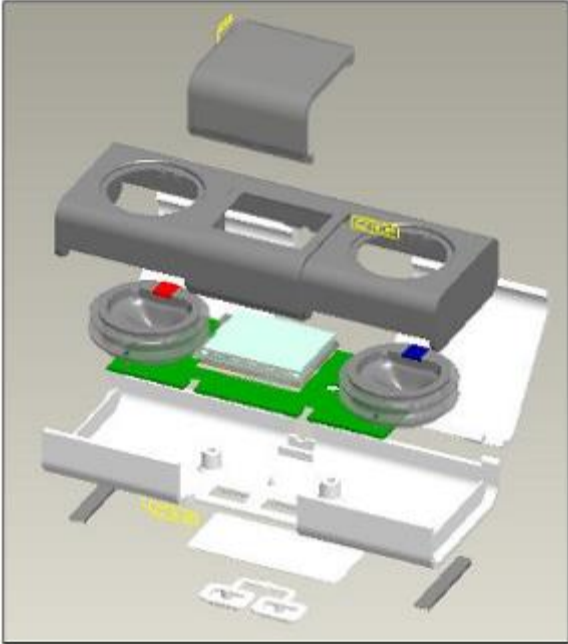
Medical-1: ODM

Developing phase:

1. Main designer of handle design modification from mockup phase
2. Main engineer to conduct the try shot phase till mass production
3. Tooling discussion: tool knowledge obtained with tool shop
4. T1 ~ T5 phase: molding discussion, bug list, QA document creation
5. Maintenances: Issue solved with client & tool vendor



Hearing aid charger:



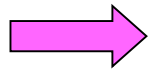
Medical-2: ODM

Developing phase:

- 1. Main designer of handle design modification/new additional parts design
- 2. Main engineer to conduct the try shot phase till mass production
- 3. Tooling discussion: tool knowledge obtained with tool shop
- 4. T1 ~ T6 phase: molding discussion, bug list, QA document creation
- 5. Maintenances: Issue solved with client & tool vendor



Hearing aid with box



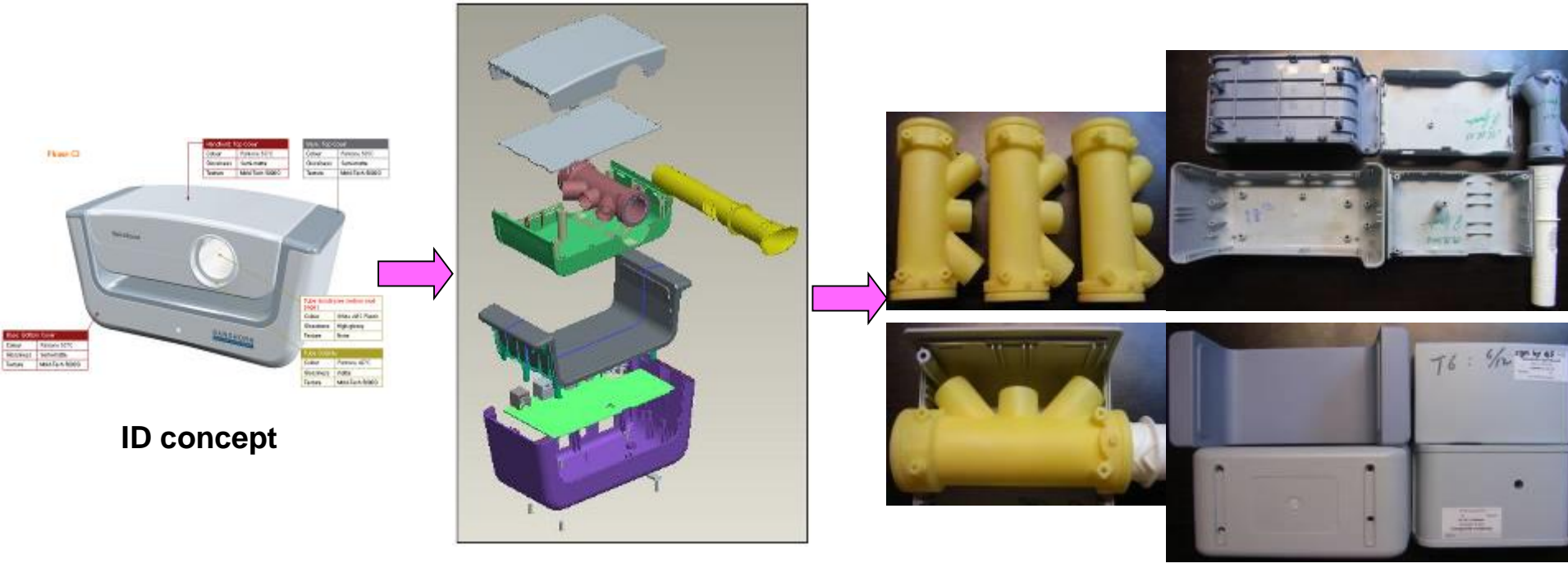
Medical-3: ODM



Respiration

Developing phase:

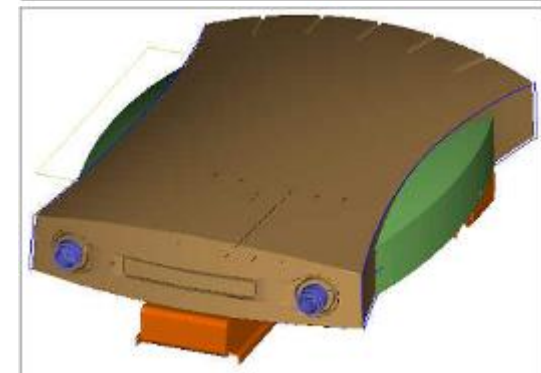
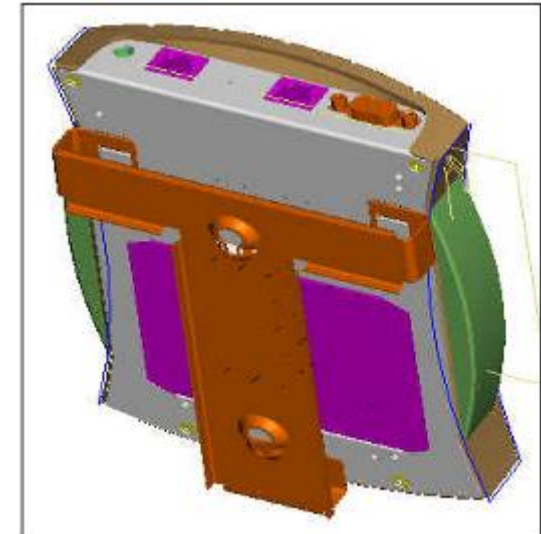
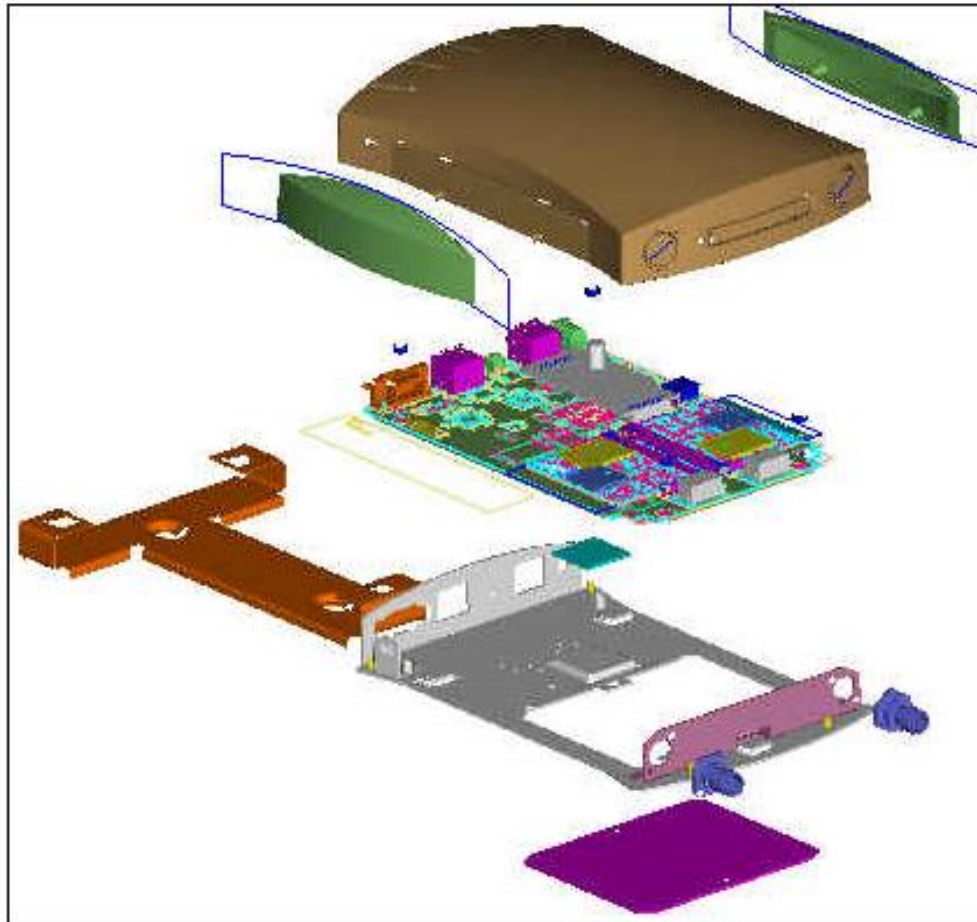
1. Main designer of handle design modification/new additional parts design
2. Main engineer to conduct the try shot phase till mass production
3. Tooling discussion: tool knowledge obtained with tool shop
4. T1 ~ T7 phase: molding discussion, bug list, QA document creation
5. Maintenances: Issue solved with client & tool vendor



Wireless LAN: ODM

Developing phase:

1. Responsible engineer to: parts design & mass production
2. PCB layout: assisted PCBA engineer to finish the PCBA phase
3. Tooling concept: tooling technical discuss in plastic & sheet-metal tool shop
4. Trail shot phase: molding discussion, FAI & Cpk, bug list, molding coordinate & arrangement
5. Project management: first step to co-work with client from Germany



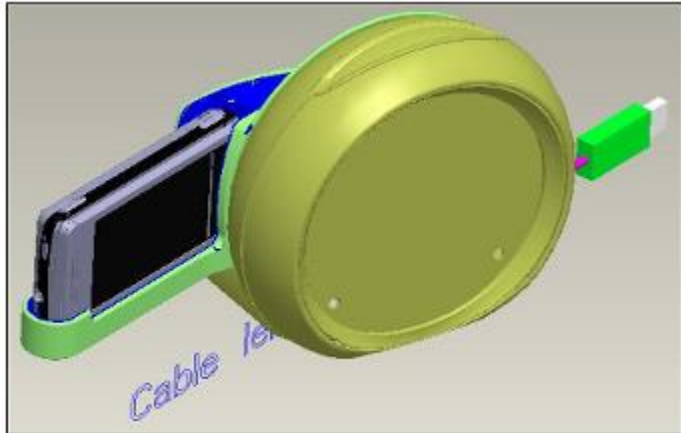
Automobile: ID mockup

Developing phase:

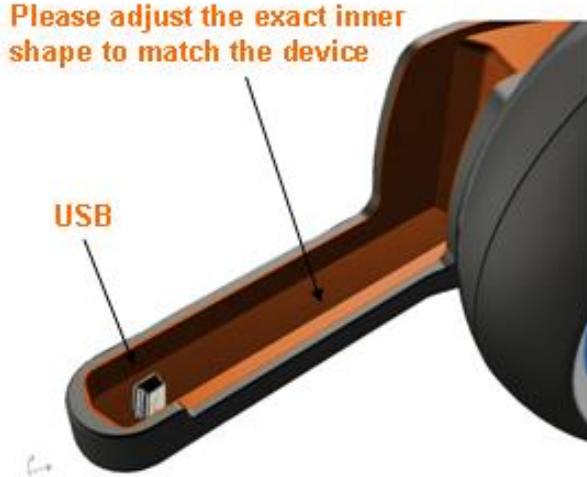
- 1. Main designer of handling device design from ID phase
- 2. Responsible for mechanical proposal & devices assembly
- 3. ID discussion: pre-suggested of ID modification for mechanical design
- 4. Vendor field: in charge of structure design for matching device with senior engineer
- 5. Remote discussion: co-work with senior ID engineer about the detail open issues



Driving application



ID concept



Cable Channel
(please plan the channel size according to the cable you want to use. The aim is that the cable is not visible from the front)



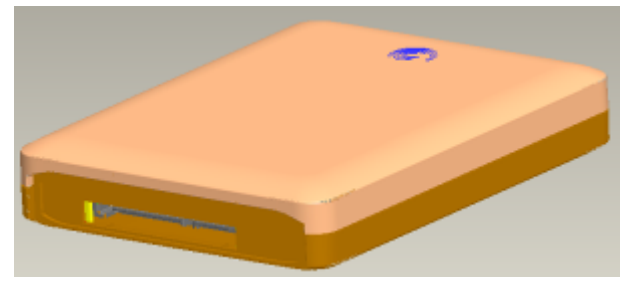
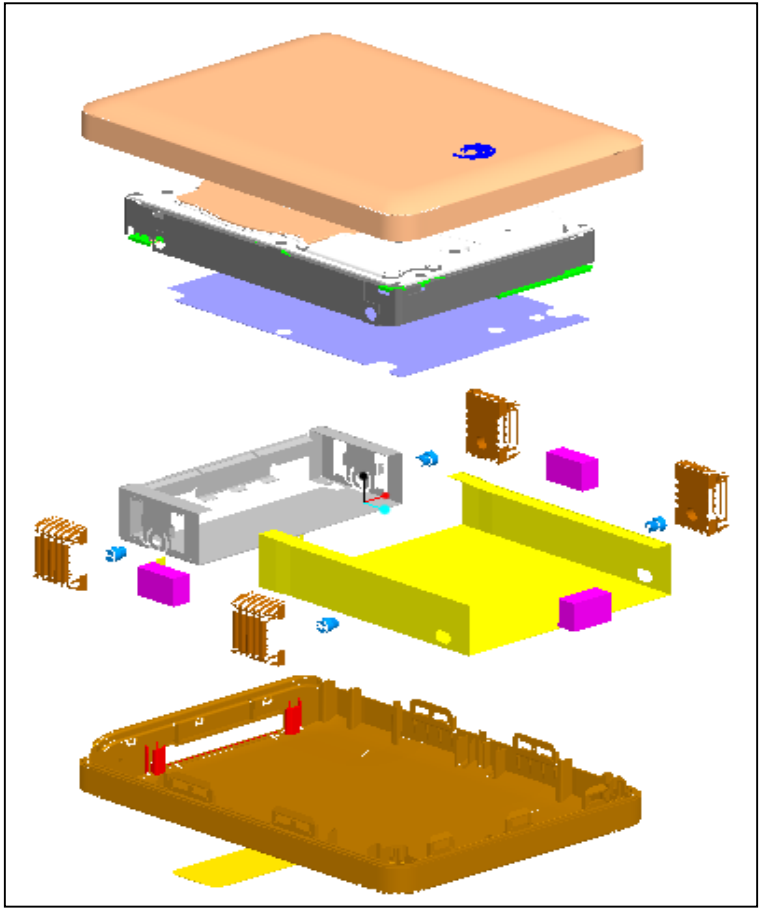
Storage HDD: ODM

Developing phase:

1. Main engineer to conduct the try shot phase till mass production
2. Tooling concept: tool knowledge discuss with tool department.
3. T3 ~ T7 phase: molding conducting, FAI & Cpk report to Philips, bug list, molding machine coordinate & arrangement, assembly line assistance
4. Tooling & manufacturing site transfer phase



Portable application



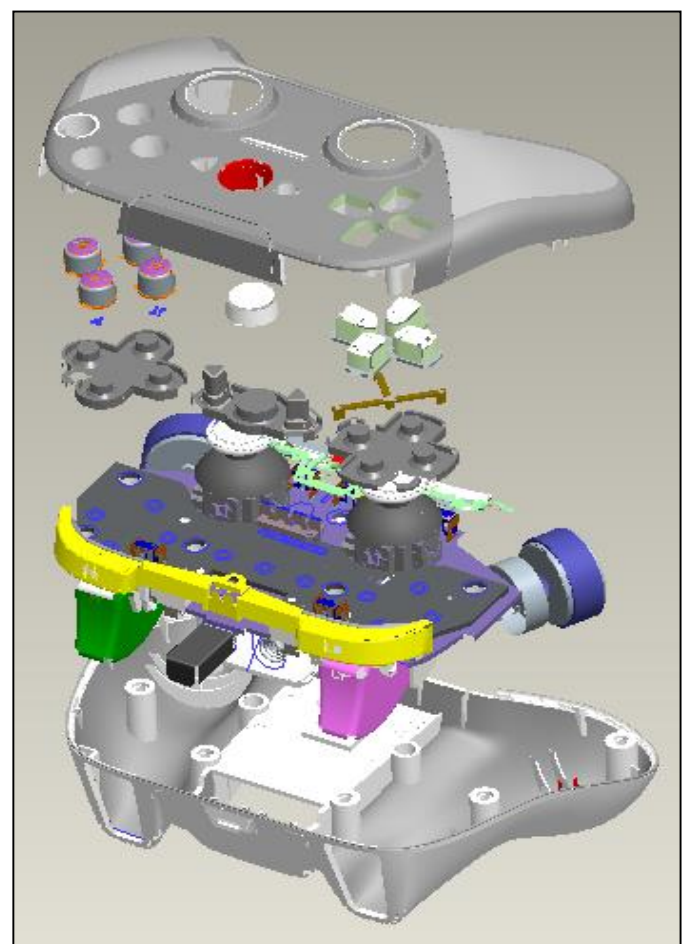
Game controller: ODM

Developing phase:

1. Principle engineer to: ProE design structure built, totally parts design, mass production
2. PCB layout: assisted PCBA engineer to finish the PCBA phase
3. Tooling concept: tooling technical discuss in plastic & sheet-metal tool shop
4. Molding phase: molding conducting, FAI & Cpk, bug list, process coordinate & arrangement
5. Design management: Initiate ID discussion, on-site design capabilities w/client in the U.S



Online game application

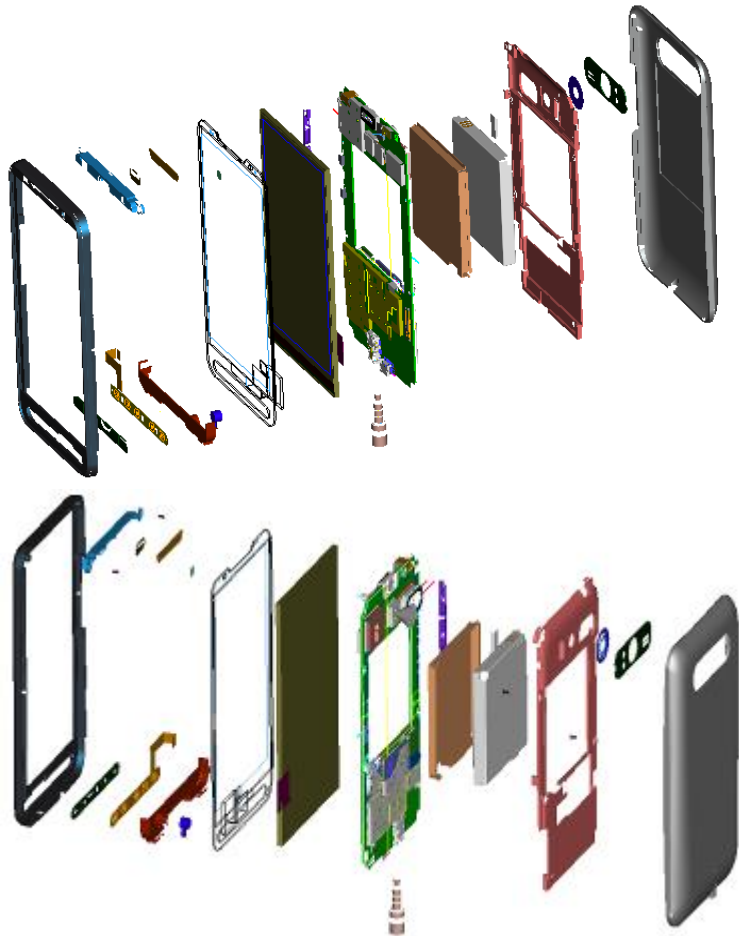


Smart phone: ID mockup for expo



Developing phase:

1. Main designer of handling device design from ID phase
2. Responsible for mechanical proposal & devices assembly
3. ID discussion: pre-suggested of ID modification for inner structures design
4. Mockup vendor: in charge of structures modification for matching platform assembly
5. Remote discussion: co-work with senior ID engineer about the detail open issues



ID No	Name	Part No.	Part Name	QTY	Remark/Comment	Material	Color	Technical Drawing	Other Information	Step	Phase/Stage	Notes	Responsible ID
01	Smart Phone		Full assembly	1	New ID for ID								
02	Smart Phone		Front Cover	1	Front Cover	Plastic	Black						
03	Smart Phone		Back Cover	1	Back Cover	Plastic	Black						
04	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
05	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
06	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
07	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
08	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
09	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
10	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
11	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
12	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
13	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
14	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
15	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
16	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
17	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
18	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
19	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
20	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
21	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
22	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
23	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
24	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
25	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
26	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
27	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
28	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
29	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						
30	Smart Phone		Camera Lens	1	Camera Lens	Glass	Black						

Laptop: ODM

Developing phase:

1. Technical manager to: design structure built, totally parts design, mass production
2. Molding phase: molding conducting, process coordinate & arrangement
3. Test verification: pass all customer test spec
4. Conduct engineering team in China
5. Survey the supplier's capabilities to achieve the schedule by customer
6. Tooling & manufacturing site transfer phase
7. Maintenances: Issue solved with client & tool vendor



Earphone: ODM

Developing phase:

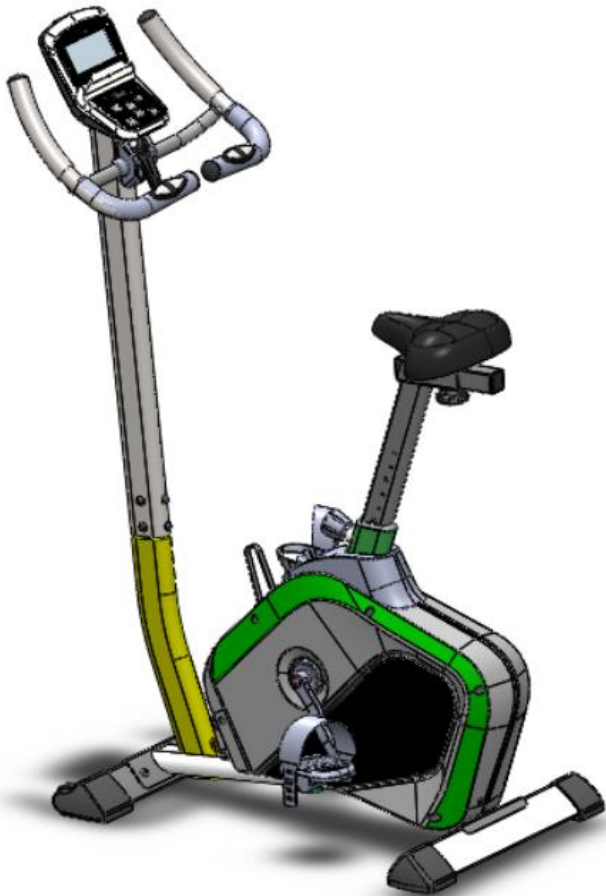
1. Senior designer to: design structure built, totally parts design, mass production
2. Molding phase: molding conducting, process coordinate & arrangement
3. Test verification: pass all customer test spec
4. Conduct engineering team in China
5. Conduct the supplier's development to achieve the schedule by customer
6. Tooling & manufacturing site transfer phase
7. Maintenances: Issue solved with client & tool vendor



Fitness Equipment: OEM

Developing phase:

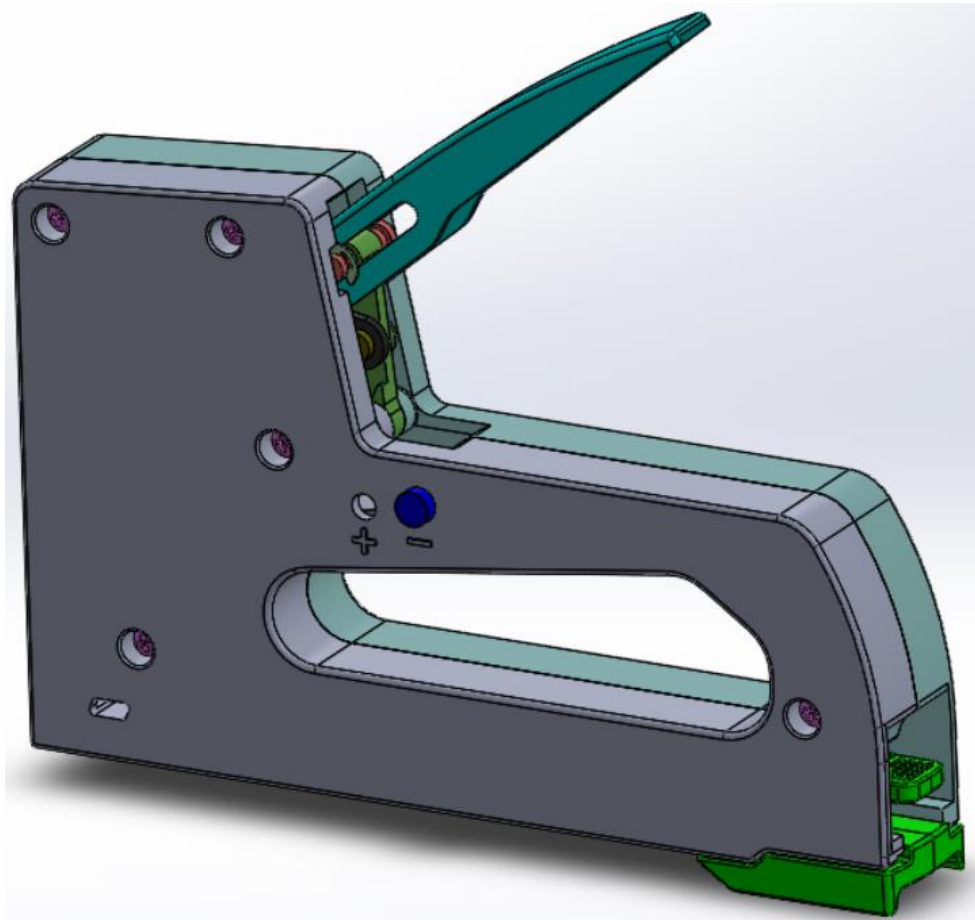
1. Mechanical engineer of handle design modification from mockup phase
2. Main engineer to conduct the try shot phase till mass production
3. Tooling discussion: tool knowledge obtained with tool shop
4. Developing phase: molding discussion, bug list, QA document creation
5. Maintenances: Issue solved with client & tool vendor in China



Stapler Equipment: ODM

Developing phase:

1. Mechanical engineer of handle design modification from mockup phase
2. Main engineer to conduct the concept structure design
3. Patent design application
4. Mechanism simulation study



Thank you for your time to review!