

# Work plan

## Deadlines

- 2022-03-06 Choose a project proposal and send your choice via email to epsatisep@gmail.com
- 2022-03-16 Define the **Project Backlog** (what must be done and key deliverables - every member should preferably participate in every task), **Global Sprint Plan, Initial Sprint Plan** (which tasks should be included, who does what) and **Release Gantt Chart** of the project and insert them on the wiki (planning)
- 2022-03-23 Upload the “black box” **System Diagrams & Structural Drafts** to the wiki
- 2022-04-06 Upload the **List of Components and Materials (what & quantity)** to the wiki \*
- 2022-04-12 Upload the detailed **System Schematics & Structural Drawings** to the wiki and do the **cardboard scale model** of the structure
- 2022-04-14 Upload the **Interim Report and Presentation** to the wiki. The report must contain the the following chapters: Introduction, Project Management, State of the Art, Marketing Plan, Eco-efficiency Measures for Sustainability, Ethical and Deontological Concerns, Proposed Solution and Bibliography. In particular, the Project Management chapter includes the updated project progress register, the sprint report for completed sprints (tasks that were included, statuses, assignees, allocations) and the updated release Gantt chart
- 2022-04-21 Interim Presentation, Discussion and Peer, Teacher and Supervisor Feedbacks
- 2022-04-27 Upload the final **List of Materials (local providers & price, including VAT and transportation)** and the **3D Model Video** to the wiki
- 2022-05-14 Upload refined Interim Report (based on Teacher & Supervisor Feedback)
- 2022-05-26 Upload **packaging solution** to Deliverables and Report
- 2022-06-07 Upload the results of the **Functional Tests** to the wiki
- 2022-06-07 Upload the results of the **Functional Tests** to the wiki
- 2022-06-18 Upload the **Final Report, Presentation, Video, Paper, Poster and Manual**
- 2022-06-23 Final Presentation, Individual Discussion and Assessment
- 2022-06-28:
  1. Update the wiki, report, paper with all suggested corrections
  2. Place in the files section of the MS Teams channel of your team a **folder with the refined deliverables (source + PDF) together with all code and drawings produced**
  3. Hand in to the EPS coordinator a **printed copy of the refined report and poster**
- 2022-06-30:
  1. Hand in the **prototype and user manual** to the client
  2. Do a **live demo** of the prototype
  3. Receive the **EPS@ISEP certificate**
  4. Bring and share **typical food** from your country

## Project Plan

Define your optimal sprint duration and plan your sprints until project end using Global Sprint Plan Table 1.

Table 1: Global Sprint Plan

Sprint	Start	Finish
1	14/03/22	20/03/22
2	21/03/22	27/03/22
3	28/03/22	03/04/22
4	04/04/22	10/04/22
5	11/04/22	13/04/22
Easter break	14/04/22	18/04/22
6	19/04/22	24/04/22
7	25/04/22	01/05/22
Student week	02/05/22	08/05/22
8	09/05/22	15/05/22
9	16/05/22	22/05/22
10	23/05/22	29/05/22
11	30/05/22	05/06/22
12	27/06/22	12/06/22
13	13/06/22	19/06/22
14	20/06/22	26/06/22
15	27/06/22	03/07/22

Build your project backlog, including all relevant tasks/deliverables, using Project Backlog Table 2. Prioritize all backlog items (PBI), keeping higher priority items at the top, and lower priority at the bottom.

Table 2: Project Backlog

PBI	Title	Status
A	Define project backlog, Gantt chart,...	done
B	Research and inspiration	done
C	Defining Topic	done
D	Blackbox	done
E	List of materials 1	done
F	System systematics & structural drawings	done
H	Cardboard scale model	done
I	Interim report and presentation	done
J	List of materials and composer	done
K	Functional tests	To do
L	Final report	In progress
M	Final presentation	In progress
N	Doing the final presentation	To do
O	Flyer (work times undecided)	in progress
P	Leaflet (work times undecided)	In progress to be refined
Q	3D model (work times undecided)	in progress
R	Packaging (work times undecided)	To do

PBI	Title	Status
S	Paper (work times undecided)	In progress
T	Poster (work times undecided)	In progress
U	Code (work times undecided)	In progress
V	Manual (work times undecided)	To do
W	Video (work times undecided)	In progress

Plan each sprint at its beginning (Sprint Planning session) using the Sprint Plan Table 3.

Table 3: Sprint Plan

Sprint	Task	Duration (d)	Responsible	Involved
1	A	2	Jacobine	J, J, J, G
1	B	7	Gema	J, J, J, G
1	C	7	Julian	J, J, J, G
1	D	7	Julia	J, J, J, G
1	I	30	Julian & Julia	J, J, J, G
2	D	7	Jacobine	J, J, J, G
2	E	16	Julian	J, J, J, G
2	F	22	Jacobine	J, J, J, G
2	H	22	Gema	J, J, J, G
2	I	30	Julian & Julia	J, J, J, G
2	L	23	Julian	J, J, J, G
3	E	16	Julian	J, J, J, G
3	H	22	Gema	J, J, J, G
3	I	30	Julian & Julia	J, J, J, G
3	L	90	Julian	J, J, J, G
4	J	23	Jacobine	J, J, J, G
4	E	16	Julian	J, J, J, G
4	H	22	Gema	J, J, J, G
4	I	30	Julian & Julia	J, J, J, G
4	L	90	Julian	J, J, J, G
5	L	90	Julian	J, J, J, G
5	J	23	Jacobine	J, J, J, G
6	L	90	Julian	J, J, J, G
6	J	23	Jacobine	J, J, J, G
7	L	90	Julian	J, J, J, G
8	K	30	Julia	J, J, J, G
8	L	90	Julian	J, J, J, G
9	K	30	Julia	J, J, J, G
9	L	90	Julian	J, J, J, G
10	K	30	Julia	J, J, J, G
10	L	90	Julian	J, J, J, G
11	K	30	Julia	J, J, J, G
11	L	90	Julian	J, J, J, G
12	M	14	Jacobine	J, J, J, G

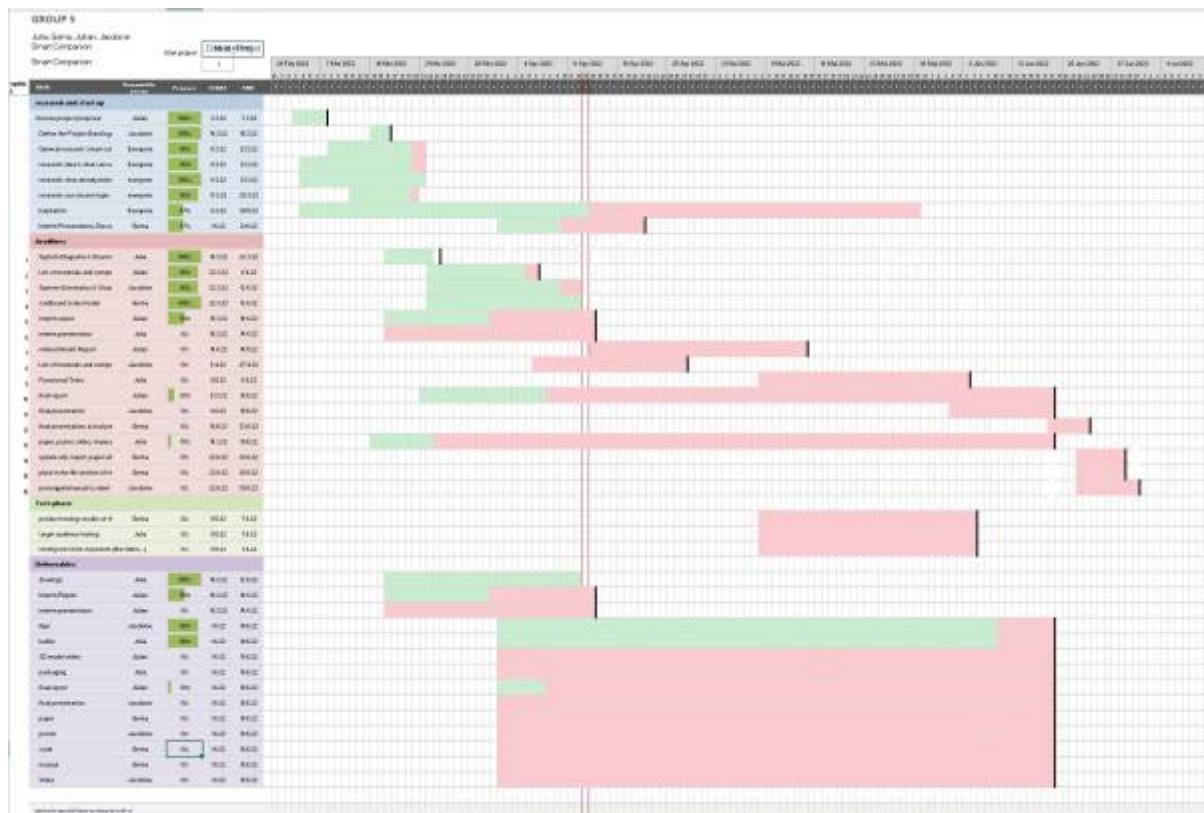
Sprint	Task	Duration (d)	Responsible	Involved
12	L	90	Julian	J, J, J, G
13	N	5	Gema	J, J, J, G
13	M	14	Jacobine	J, J, J, G
13	L	90	Julian	J, J, J, G
14	N	5	Gema	J, J, J, G

Review each sprint at its end and update each item status on the Progress Register Table 4.

Table 4: Project Progress Register

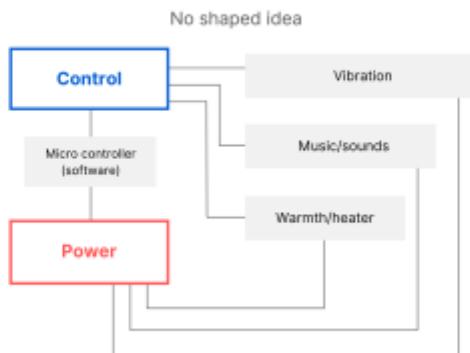
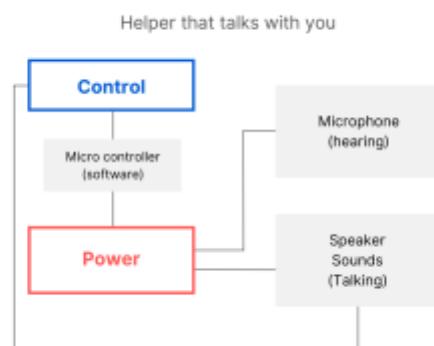
Sprint	PBI	Responsible	Involved	Status
1	A, B, C, D, I	Jacobine, Julia, Julian, Gema	J, J, J, G	Done
2	D, E, F, H, I, J	Jacobine, Julia, Julian, Gema	J, J, J, G	Done
3	E, H, I, L	Gema, Julian, Jacobine	J, J, J, G	Done
4	E, H, I, J, L	Jacobine, Julia, Julian, Gema	J, J, J, G	Done
5	J, L	Jacobine, Julian	J, J, J, G	Done
6	J, L	Jacobine, Julian	J, J, J, G	Done
7	L, K	Julian, Julia	J, J, J, G	In progress
8	L, K	Julian, Julia	J, J, J, G	To do
9	L, K	Julian, Julia	J, J, J, G	To do
10	L, K	Julian, Julia	J, J, J, G	To do
11	L, K	Julian, Julia	J, J, J, G	To do
12	M, L	Jacobine, Julian	J, J, J, G	To do
13	M, L, N	Jacobine, Julian, Gema	J, J, J, G	To do
14	N	Gema	J, J, J, G	To do

Identify key project deliverables (when they will be started and completed) and build a release Gantt chart. See Figure 1 for inspiration.



t5\_dsts\_gantt\_chart.xlsx  
Figure 1: Release Gantt chart

Black box system diagrams (Figure 1) and structural drafts (Figure 2) for inspiration.



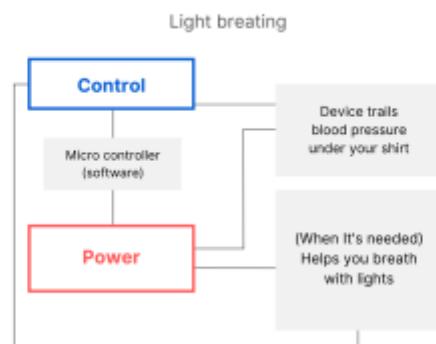
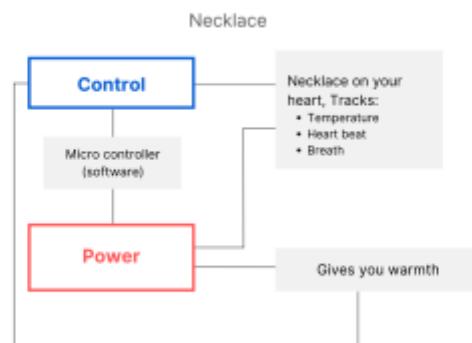
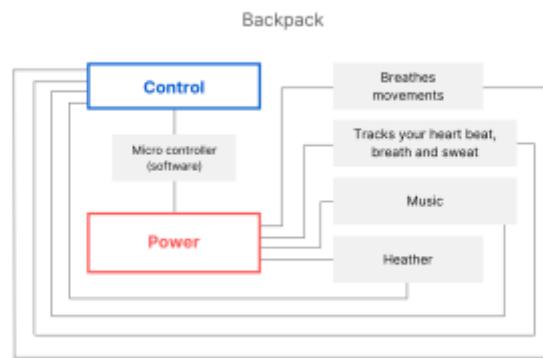
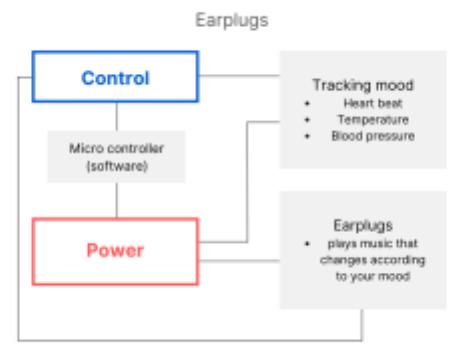
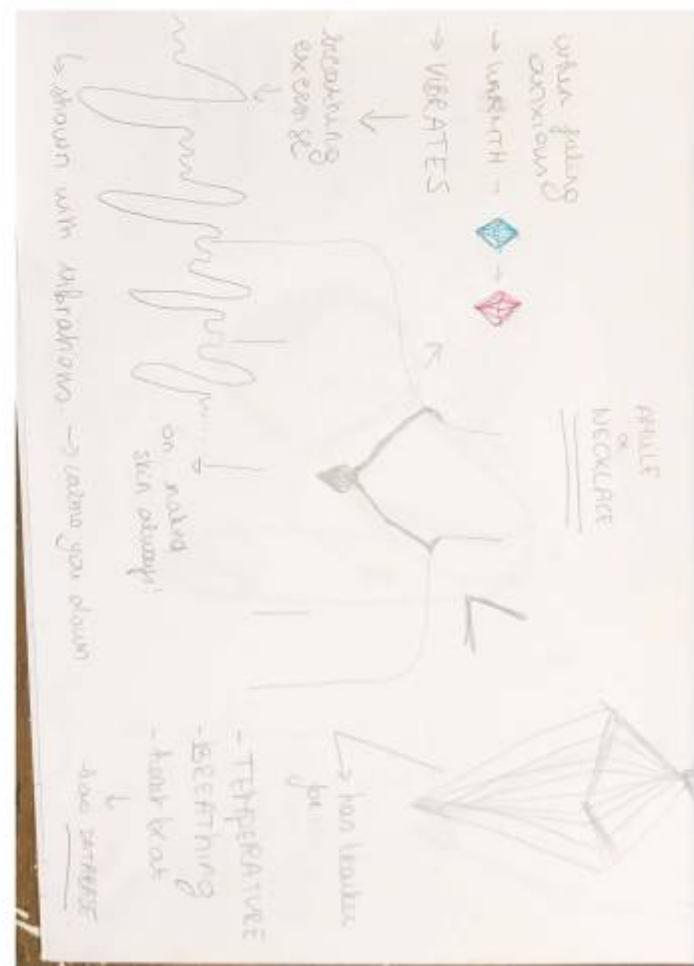
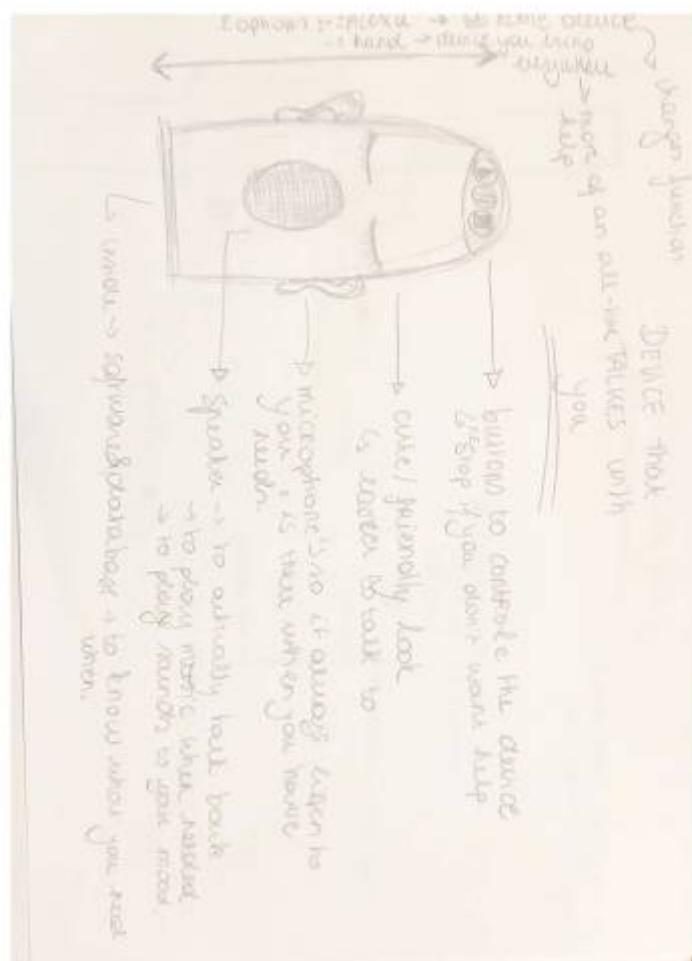
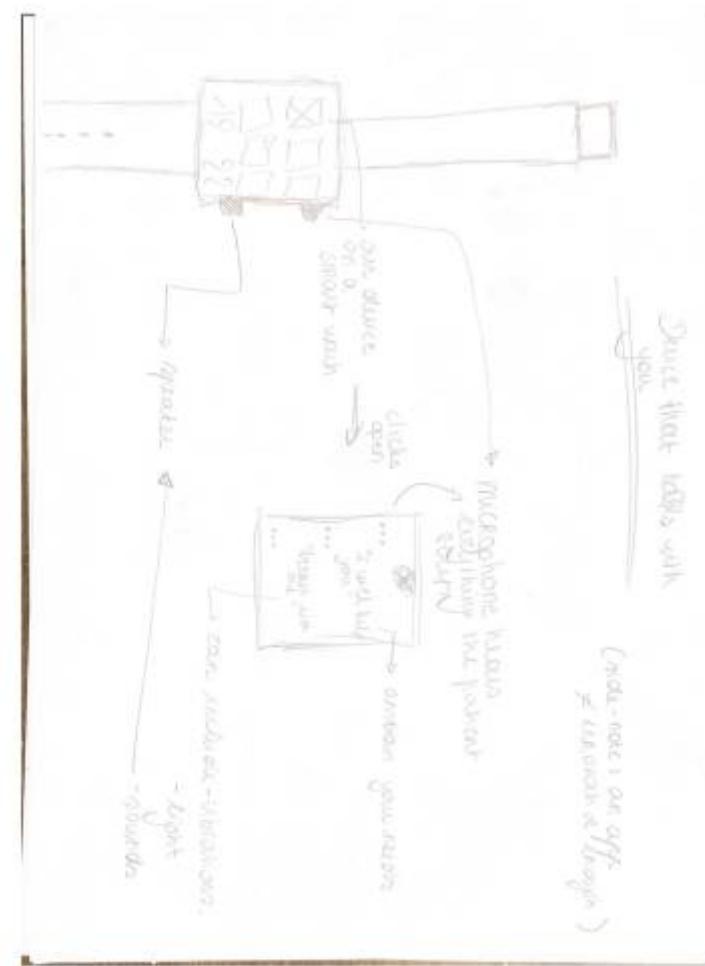
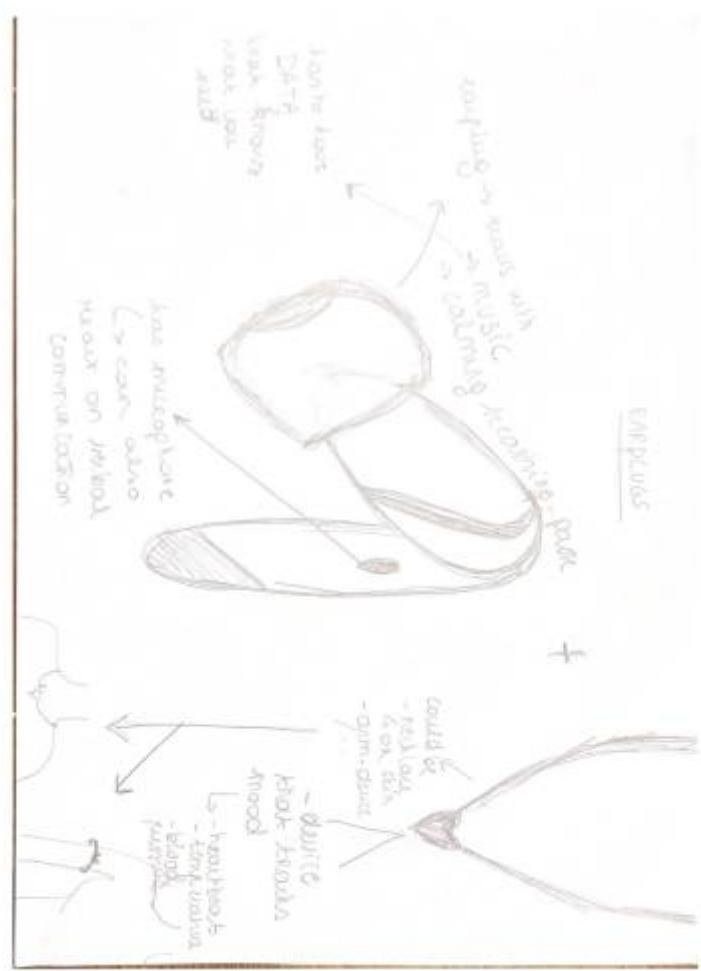


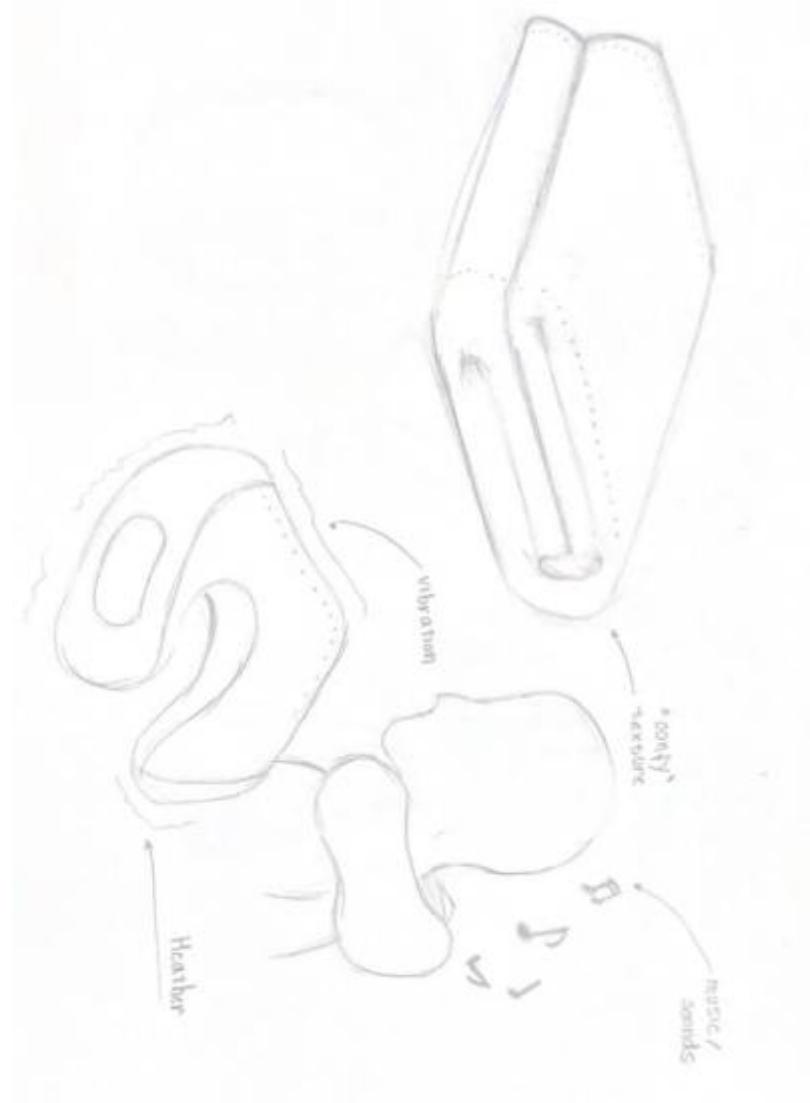
Figure 2: Blackbox











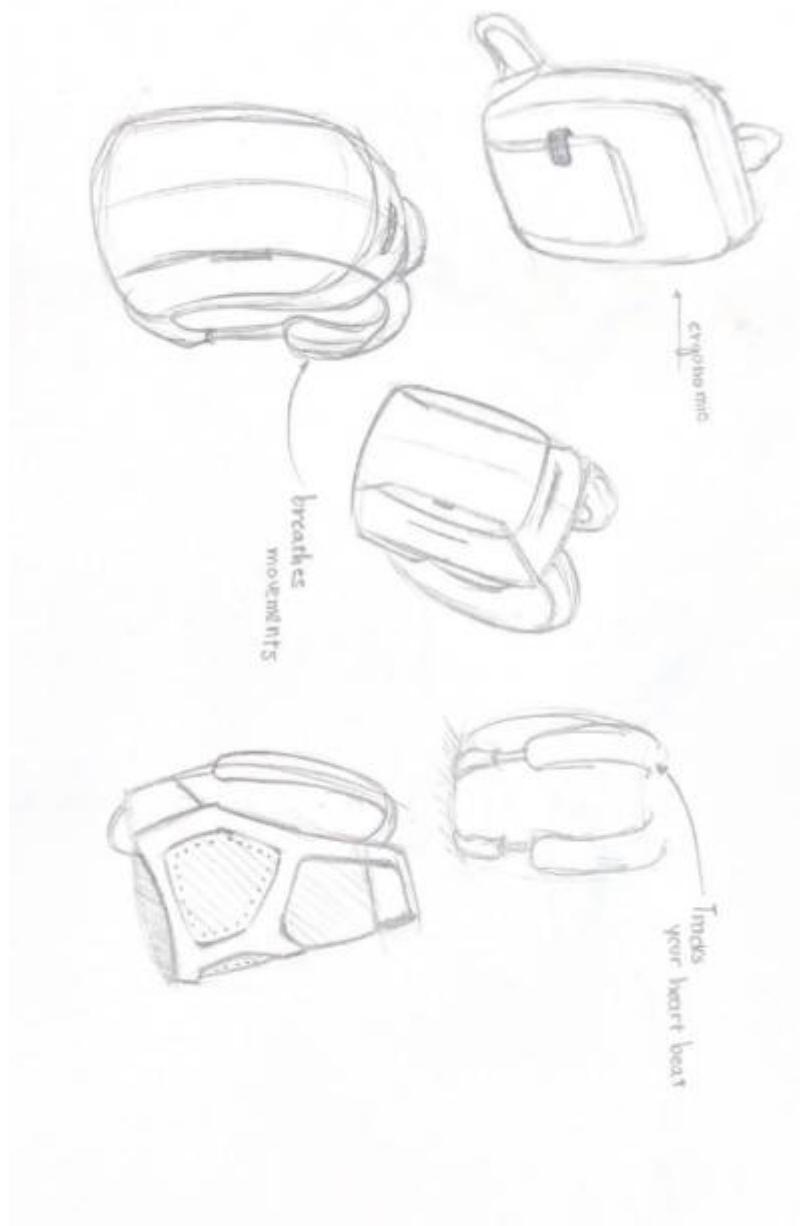




Figure 3: Structural drafts

Black box system diagrams (Figure 1) and structural drafts (Figure 3) for product.

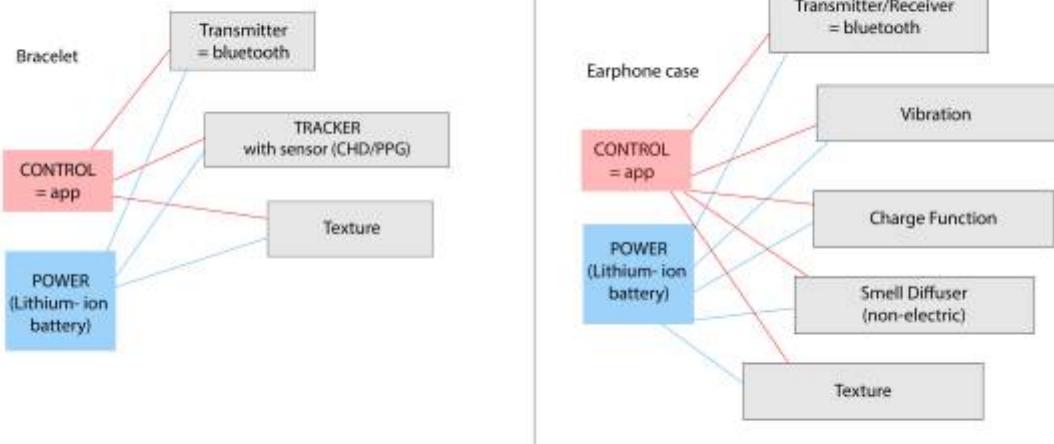


Figure 4: Blackbox product

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