

Work plan

Deadlines

- 2020-02-24 Choose a project proposal and send your choice via email to epsatissep@gmail.com
- 2020-03-05 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)
- 2020-03-10 Upload the “black box” **System Diagrams & Structural Drafts** to the wiki
- 2020-03-27 Upload the detailed **System Schematics, Structural Drawings & 3D Modelation** to the wiki and do the **cardboard scale model** of the structure
- 2020-04-01 Upload the **List of Materials (what & quantity)** to the wiki
- 2020-04-08 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
- 2020-04-16 Interim Presentation, Discussion and Peer, Teacher and Supervisor Feedbacks
- 2020-04-23 Upload the **List of Materials (provider, price, quantity, including VAT and transportation)** to the wiki
- 2020-04-30 Upload the **Final video of the 3D Model** to the wiki
- 2020-05-06 Upload **Refined Interim Report (based on Teacher & Supervisor Feedbacks)** to the wiki
- 2020-05-13 Upload **Packaging solution** to the wiki
- 2020-06-02 Upload the results of the **(Prototype or Simulation) Functional Tests** to the wiki
- 2020-06-12 Upload the **Final Report, Presentation, Video, Paper, Poster and Manual** to the wiki
- 2020-06-16 Final Presentation, Individual Discussion and Assessment
- 2020-06-22:
 1. Update the wiki, report, paper with all suggested corrections
 2. Upload to the OneDrive folders shared by epsatissep:
 1. Deliverables (pdf and others)
 2. Code (Arduino code, Tinkercad/CoppeliaSim simulation code, mobile and Web app code)
 3. CAD (drawings and 3D model files)
 4. Videos (3D model simulation and final team video in mp4)
- 2020-06-23:
 1. Play **final video**
 2. Play **music/landscapes** of your country
 3. Receive the **EPS@ISEP certificate**

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	20.02.2020	26.02.2020
2	27.02.2020	04.03.2020
3	05.03.2020	11.03.2020
4	12.03.2020	18.03.2020
5	19.03.2020	25.03.2020
6	26.03.2020	01.04.2020
Easter Holiday		
7	09.04.2020	15.04.2020
8	16.04.2020	22.04.2020
9	23.04.2020	29.04.2020
Students Week		
10	07.05.2020	13.05.2020
11	14.05.2020	20.05.2020
12	21.05.2020	27.05.2020
13	28.05.2020	03.06.2020
14	04.06.2020	10.06.2020
15	11.06.2020	17.06.2020
16	18.06.2020	23.06.2020

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
J	List of Materials	To do
D	Structural Drafts (CAD)	To do
C	Black Box (complement → comm. class)	To do
P	Project Development	To do
Q	Flyer and Leaflet (adjust)	To do
H	Market Research	To do
G	Project Management	To do
I	Sustainability	To do
B	Project Planning	To do
E	Interim Report	To do
K	Functional Tests	To do
L	Final Report	To do
N	Implement Design Thinking	Done
A	State of the Art	Done
F	Name and Logo	Done

PBI	Title	Status
O	Ethics	Done
M	Cardboard model	Done

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	B	7	Lore	Jelte, Andreea
1	C	2	Jelte and Andreea	/
1	P	28	Andreea, Lore	Gabriel, Eduardo
1	N	2	Jelte	/
1	A	14	Jelte	Lore, Andreea, Gabriel, Eduardo
2	H	14	Vladimir, Gabriel	Andreea, Jelte
2	F	5	Andreea	/
2	G	8	Andreea	Lore
2	I	14	Jelte	Gabriel
2	O	7	Lore, Andreea	Eduardo
2	M	5	Lore	/
2	D	5	Eduardo	Lore, Andreea
2	J	7	Eduardo, Gabriel	Andreea, Jelte, Lore
3	Q	3	Andreea	Lore

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	B	Lore	Jelte, Andreea	Done
1	C	Jelte and Andreea	/	To adjust
1	P	Lore, Andreea	Gabriel	In progress
1	N	Jelte	/	Done
1	A	Jelte	Andreea, Lore, Gabriël, Eduardo	Done
2	H	Vladimir, Gabriel	Andreea, Jelte	In progress
2	F	Andreea	/	Done
2	G	Andreea	Lore	In progress
2	I	Jelte	Gabriel	In progress
2	O	Lore, Andreea	Eduardo	Done
2	M	Lore	/	Done

Sprint	PBI	Responsible	Involved	Status
2	D	Eduardo	Lore, Andreea	In progress
2	J	Eduardo, Gabriel	Andreea, Jelte, Lore	In progress
3	Q	Andreea	Lore	In progress

Gantt Chart

gantt-chart_4.pdf

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