

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
- 2022-06-18 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
01	10/3/2022	16/3/2022
02	17/3/2022	23/3/2022
03	24/3/2022	30/3/2022
04	31/3/2022	06/4/2022
05	07/4/2022	14/4/2022
Easter Break	14/4/2022	18/4/2022
06	19/4/2022	20/4/2022
07	21/4/2022	28/4/2022
Student Week Break	30/4/2022	8/5/2022
08	09/5/2022	11/5/2022
09	12/5/2022	18/5/2022
10	19/5/2022	25/5/2022
11	26/5/2022	01/6/2022
12	02/6/2022	08/6/2022
13	09/6/2022	15/6/2022
14	16/6/2022	22/6/2022
15	23/6/2022	30/7/2022

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	Global Sprint Plan	Completed
B	Gantt Chart	Completed
C	Research	Completed
D	State of the Art	Completed
E	Define Direction of Solution	Completed
F	System Diagramms & Structural Drafts	In progress
G	System Schematics & Structural Drawings	In progress
H	3D Modelation	To do
I	Marketing Plan	To do
J	Eco-efficiency Measures for Sustainability	To do
K	Ethical and Deontological Concerns	To do
L	Interim Presentation	To do
M	List of Materials	To do
N	Video of the 3D Model	To do
O	Packaging Solution	To do
P	Functional Tests	To do
Q	Final Report	To do
R	Presentation	To do
S	Paper	To do
T	Poster	To do

PBI	Title	Status
U	Uploads	To do

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

Table 3: Sprint Plan 1

Sprint	Task	Duration (d)	Responsible	Involved
1	A	2	AR, FB	AR, FB, TH, ZD & ZMD
1	B	2	FB	AR, FB, TH, ZD & ZMD
1	C	5	AR, FB, TH, ZD & ZMD	AR, FB, TH, ZD & ZMD
1	D	2	AR, FB, TH, ZD & ZMD	AR, FB, TH, ZD & ZMD
1	E	1	AR, FB, TH, ZD & ZMD	AR, FB, TH, ZD & ZMD

Table 4: Sprint Plan 2

Sprint	Task	Duration (d)	Responsible	Involved
2	C	5	AR, FB, TH, ZD & ZMD	AR, FB, TH, ZD & ZMD
2	E	1	AR, FB, TH, ZD & ZMD	AR, FB, TH, ZD & ZMD
2	F	6	AR, FB, TH, ZD & ZMD	AR, FB, TH, ZD & ZMD

Table 5: Sprint Plan 3

Sprint	Task	Duration (d)	Responsible	Involved
3	F	3	AR, FB, TH, ZD & ZMD	AR, FB, TH, ZD & ZMD
3	G	6	AR, FB, TH, ZD & ZMD	AR, FB, TH, ZD & ZMD
3	I	6	AR, FB, TH, ZD & ZMD	AR, FB, TH, ZD & ZMD

Review each sprint at its end and update each item status on the Progress Register Table 6.

Table 6: Project Progress Register

Sprint	PBI	Responsible	Involved	Status
1	Z	X and Y	X, Y, Z, W	Done

Sprint	PBI	Responsible	Involved	Status
2	K	Z	X, Y, Z, W	Done
3	D	W, Y and Z	X, Y, Z, W	Done
4	A	Y	X, Y, Z, W	Done
5	B	Z and W	X, Y, Z, W	In progress
6	E	X and W	X, Y, Z, W	In progress
7	C	Y and Z	X, Y, Z, W	In progress

Identify key project deliverables (when they will be started and completed) and build a release Gantt chart.

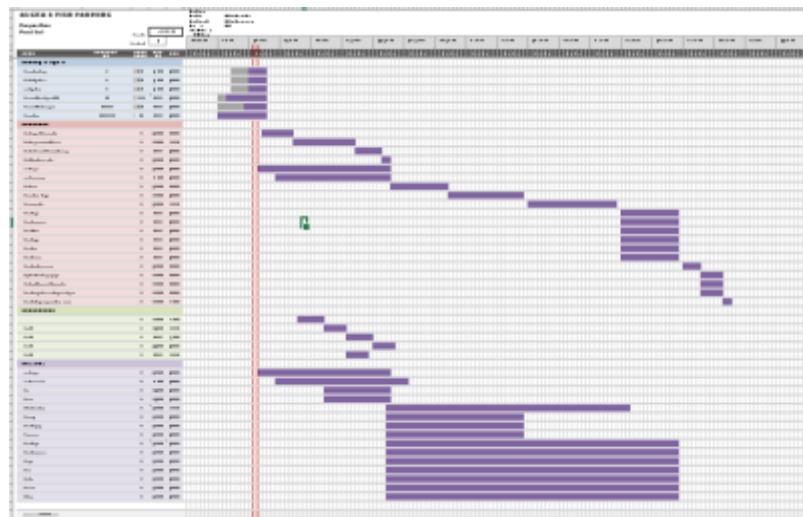


Figure 1: Gantt chart Team4

gantt_chart_eps_team4.xlsx

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Last update: **2022/06/08 12:29**

