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
0	10/03/2022	23/03/2022
1	24/03/2022	07/04/2022
2	08/03/2022	20/04/2022
3	21/04/2022	04/05/2022
4	05/05/2022	18/05/2022
5	19/05/2022	01/06/2022
6	02/06/2022	15/06/2022
7	16/06/2022	29/06/2022

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 Sprint 0	Title	Status
A	Deadline: Define Project Backlog, Global Sprint, Intial Sprint Plan, Gantt Chart	Done: DEADLINE
B	State of the art - Scientific	To do
C	State of the art - Commercial	To do
D	Do research & decide which insects we are going to use	To do
E	Do research & decide on which & how many differnt product outputs (pet feed, food, fertilizer) we want to produce	To do
F	Do research on lifecycle options and present on possibilities	To do
G	Decide final idea	To do
H	Make System Diagrams	To do
I	Make Structural Drafts	To do
J	Deadline: Upload the “black box” System Diagrams & Structural Drafts to the wiki	To do: DEADLINE

Table 3: Project Backlog

PBI Sprint 1	Title	Status
Z	Sample task	To do
K	Sample task	To do
D	Sample task	To do
A	Sample task	To do
B	Sample task	To do

PBI Sprint 1	Title	Status
E	Sample task	To do
C	Sample task	To do

Plan each sprint at its beginning (Sprint Planning session) using the Sprint Plan Table F=Finn B=Benjamin L=Leonie P=Paul M=Marie 4.

Table 4: Sprint Plan

Sprint	Task	Duration (d)	Responsible	Involved
0	A	1	M and L	F, B, L, P, M
0	B	8	F,B and P	F, B, L, P, M
0	C	8	L and M	F, B, L, P, M
0	D	1	F, B, L, P, M	F, B, L, P, M
0	E	5		F, B, L, P, M
0	F	5		F, B, L, P, M
0	G	1		F, B, L, P, M
0	H	3		F, B, L, P, M
0	I	3		F, B, L, P, M
0	J	1		F, B, L, P, M

Review each sprint at its end and update each item status on the Progress Register Table 5.

Table 5: Project Progress Register

Sprint	PBI	Responsible	Involved	Status
0	A	M, L	F, B, L, P, M	Done
0	B, C	F, B, L, P, M	F, B, L, P, M	In progress
1			F, B, L, P, M	
2			F, B, L, P, M	
3			F, B, L, P, M	
4			F, B, L, P, M	
5			F, B, L, P, M	
6			F, B, L, P, M	

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

ID	Task Name	Predecessors	Duration
1	Start		0 days
2	a	1	4 days
3	b	1	5.33 days
4	c	2	5.17 days
5	d	2	6.33 days
6	e	3,4	5.17 days
7	f	5	4.5 days
8	g	6	5.17 days
9	Finish	7,8	0 days

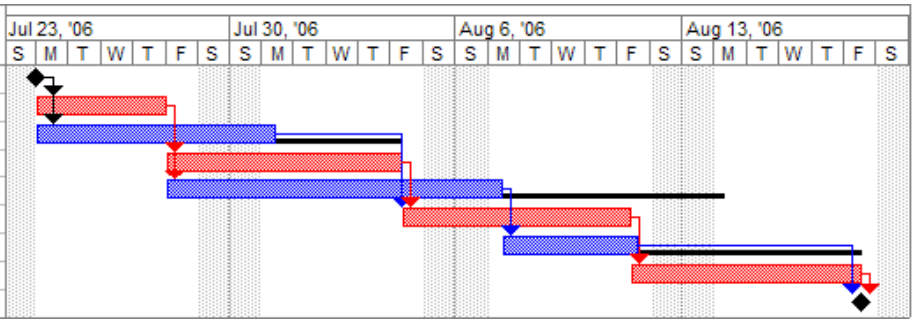


Figure 1: Release Gantt chart

Blackbox Diagram

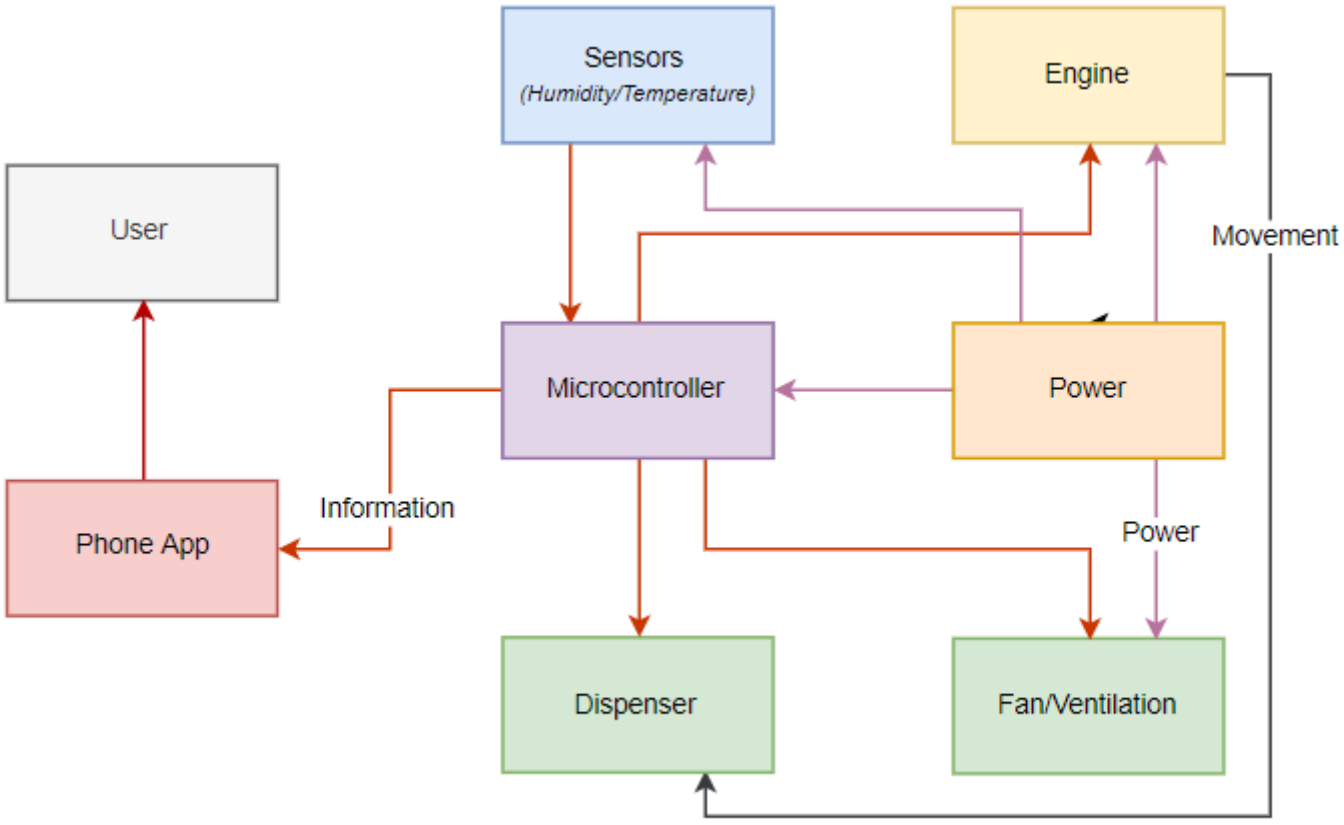


Figure 2: Preliminary Blackbox Diagram

Structural / Design Drafts

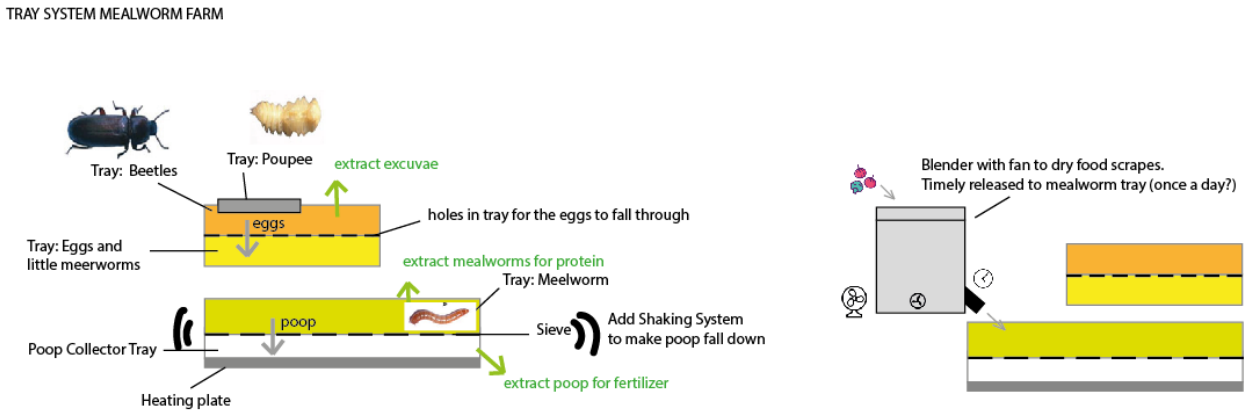


Figure 3: Structural_Design_Draft

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