

Work plan

Deadlines

- 2019-02-25 Choose a project proposal and send your choice via email to epsatisep@gmail.com
- 2019-03-06 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)
- 2019-03-11 Upload the “black box” **System Diagrams & Structural Drafts** to the wiki
- 2019-03-22 Upload the detailed **System Schematics & Structural Drawings** to the wiki and do the **cardboard scale model** of the structure
- 2019-03-27 Upload the **List of Materials (what & quantity)** to the wiki
- 2019-04-06 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
- 2019-04-11 Interim Presentation, Discussion and Peer, Teacher and Supervisor Feedbacks
- 2019-04-23 Complete the **List of Materials (local providers & price, including VAT and transportation)** to the wiki
- 2019-05-30 Upload refined Interim Report (based on Teacher & Supervisor Feedbacks)
- 2019-06-03 Upload the results of the **Functional Tests** to the wiki
- 2019-06-14 Upload the **Final Report, Presentation, Video, Paper, Poster and Manual**
- 2019-06-19 Final Presentation, Individual Discussion and Assessment
- 2019-06-25:
 1. Update the wiki, report, paper with all correction suggestions
 2. Hand in to the EPS coordinator:
 1. a **CD with the corrected deliverables (source + PDF) together with all code and drawings produced**
 2. a **printed copy of the corrected report and poster**
- 2019-06-27:
 1. Hand in the **prototype and user manual** to the client
 2. Receive the **EPS@ISEP certificate**
 3. Bring **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	07.03.2019	13.03.2019

Sprint	Start	Finish
2	14.03.2019	20.03.2019
3	21.03.2019	27.03.2019
4	28.03.2019	03.04.2019
5	04.04.2019	12.04.2019
6	22.04.2019	30.04.2019
7	02.05.2019	15.05.2019
8	16.05.2019	22.05.2019
9	23.05.2019	29.05.2019
10	30.05.2019	05.06.2019
11	06.06.2019	12.06.2019
12	13.06.2019	19.06.2019
13	20.06.2019	26.06.2019

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	Reaserch and Organization	Status
A	Sprint Plan	To do
B	Gantt Chart	To do
C	Technical Research, Literature Review	To do
D	Market Research, Existing products	To do
E	Business Plan	To do
PBI	System Design	Status
E	Draft & Blackbox	To do
F	Material/Resource analysis/Selection	To do
G	Initial Budget Planning	To do
PBI	Interim	Status
H	Presentation	To do
I	Report	To do
PBI	Detailed Design	Status
J	Design Developement	To do
K	Solidworks	To do
L	Construction Hardware	To do
M	Construction Software	To do
N	Material buying	To do
O	Assembly	To do
PBI	Testing	Status
P	Process Testing	To do
Q	Functional Tests	To do
R	Design change implimentation	To do
PBI	Final	Status
S	Report	To do

PBI	Reaserch and Organization	Status
T	Video	To do
U	Poster	To do
W	Presentation	To do
X	Manual	To do

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

Table 3: Sprint Plan

Sprint	Task	Responsible	Involved	Status
1	Sprint Plan	1	Julia	team
2	Gantt Chart	3	Julien	-
3	Technical Research, Literature Review	1	Julien	Ronald,Alex
4	Market Research	1	Eren	Maike,Julia
5	Existing products	2	Ronald	Julien
6	Business Plan	4	Alex	Julia
7	Draft & Blackbox (initial idea's)	2	Alex	Julien
8	Material/ Resource analysis/ selection	4	Ronald	team
9	Initial Budget Planning	2	Julia	Maike
12	Presentation	4	Julia	team
13	Report	2	Maike	Alex
14	Design Developement	4	Julien	Alex
1	Solidworks designing	1	Alex	-
2	Construct Hardware	3	Ronald	Eren
3	Develope Software	1	Eren	Ronald
4	Material buying	1	Maike	team
5	Assembly	2	Ronald	Julien
6	Process Testing	4	Julien	team
7	Functional Tests	2	Eren	team
8	Design change implementation	4	Eren	team
9	Report	2	Eren	team
12	Video	4	Maike	team
13	Poster	2	Maike	Alex
12	Presentation	4	Julia	team
13	Manual	2	Alex	team

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

Table 4: Project Progress Register



