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

Table 1: Global Sprint Plan

Sprint	Start	Finish
A - Project Planning	02.03.2022	16.03.2022
B - System Planning	17.03.2022	12.04.2022
C - System Programming	13.04.2022	01.06.2022

Sprint	Start	Finish
D - Interim Reporting	13.04.2022	14.05.2022
E - System Testing	01.06.2022	07.06.2022
F - Final Deliverables	08.06.2022	18.06.2022

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	Title	Status
1	Gantt Chart	Completed
2	Global Sprint Plan	Completed
3	Initial Sprint Plan	Completed
4	Backlog	Completed
5	System Diagrams & Structural Drafts	To do
6	List of Materials & Components & Software	To do
7	System Schematics & Structural Drawings	To do
8	Cardboard scale model	To do
9	Smart Screen Frontend	To do
10	User Frontend	To do
11	Smart Screen Application Logic	To do
12	User Application Logic	To do
13	Database Schema and Models	To do
14	Interim Report	To do
15	Interim Presentation	To do
16	Update Wiki	To do
17	Final List of materials	To do
18	Develop Functional Tests	To do
19	Evaluate and Report Functional Test Results	To do
20	Flyer	To do
21	Leaflet	To do
22	Drawings	To do
23	Packaging	To do
24	Simulation Files	To do
25	Final Report	To do
26	Final Presentation	To do
28	Paper	To do
29	Poster	To do
30	Code	To do
31	Manual	To do
32	Video	To do
33	Prototype	To do
34	User Manual	To do

Table 3: Sprint Plan A

Sprint	Task	Duration (d)	Responsible	Involved
A	1	1	CG, JE	CC, CG, ED, JB, JE
A	2	1	CC	CC, CG, ED, JB, JE
A	3	1	CC	CC, CG, ED, JB, JE
A	4	1	CC	CC, CG, ED, JB, JE

Table 4: Sprint Plan B

Sprint	Task	Duration (d)	Responsible	Involved
B	5	5	JE	CC, CG, ED, JB, JE
B	6	3	JB	CC, CG, ED, JB, JE
B	7	6	ED	CC, CG, ED, JB, JE
B	8	3	CG	CC, CG, ED, JB, JE

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

Table 5: Project Progress Register

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

Gantt chart. See Figure 1.
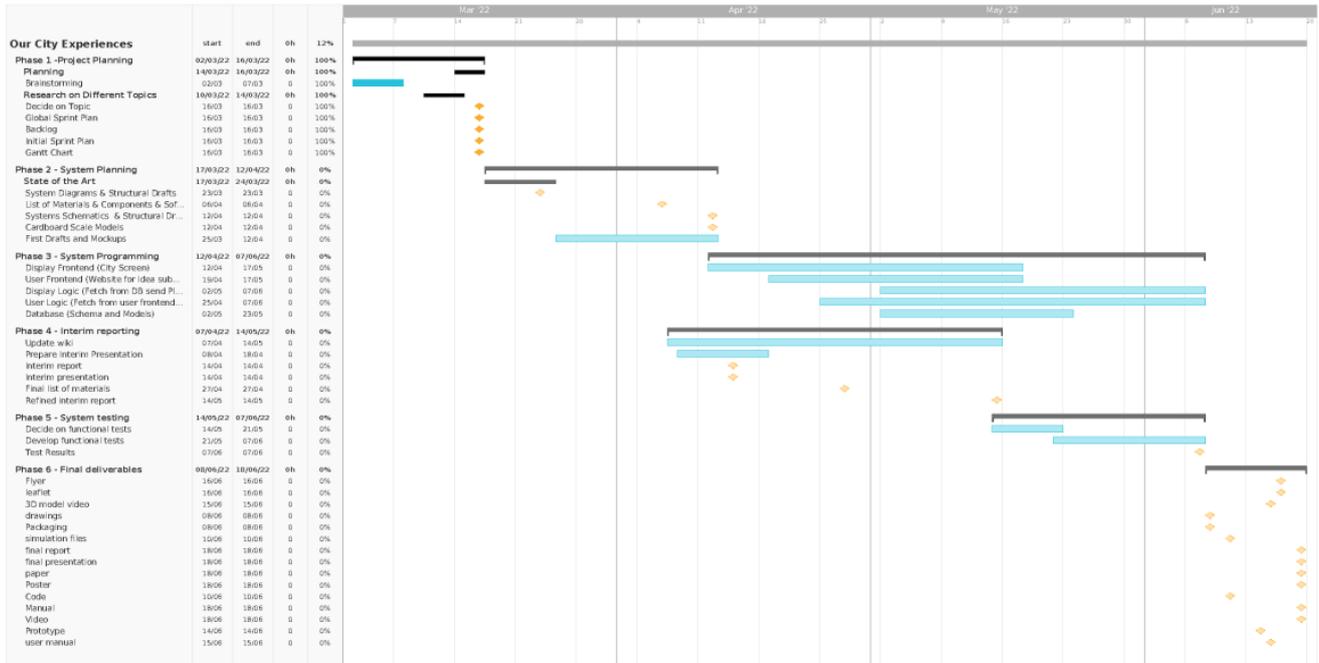
Figure 1: Release Gantt chart

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