

Work plan

Deadlines

- 2018-02-26 Choose a project proposal and send your choice via email to epsatisep@gmail.com
- 2018-03-05 Define the Tasks (what must be done - every member should preferably participate in every task), subtask allocation (who does what) and Gantt chart (when) of the project and insert them on the wiki (planning)
- 2018-03-12 Upload the “black box” **System Diagrams & Structural Drafts** to the wiki
- 2018-03-23 Upload the detailed **System Schematics & Structural Drawings** to the wiki and do the **cardboard scale model** of the structure
- 2018-04-04 Upload the **List of Materials (what & quantity)** to the wiki
- 2018-04-14 Upload the **Interim Report and Presentation** to the wiki. The report must contain the Introduction, including the tasks, team members allocation and Gantt chart, State of the Art, Marketing Plan, Project Management, Eco-efficiency Measures for Sustainability, Ethical and Deontological Concerns, Proposed Solution and Bibliography chapters
- 2018-04-19 Interim Presentation, Discussion and Peer, Teacher and Supervisor Feedbacks
- 2018-04-23 Complete the **List of Materials (local providers & price, including VAT and transportation)** to the wiki
- 2018-05-02 Upload refined Interim Report (based on Teacher & Supervisor Feedbacks)
- 2018-06-04 Upload the results of the **Functional Tests** to the wiki
- 2018-06-15 Upload the **Final Report**
- 2018-06-18 Upload the **Presentation, Video, Paper, Poster and Manual**
- 2018-06-21 Final Presentation, Individual Discussion and Assessment
- 2018-06-28:
 1. Update the wiki 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**
- 2018-06-28:
 1. Hand in the **prototype and user manual** to the client
 2. Receive the **EPS@ISEP certificate**
 3. Bring **typical food** from your country

Tasks

Table 1 displays the responsible for each task.

Table 1: Task Responsible

| | |
|-------------------------|---------|
| Project proposal | |
| Initial Planning | |
| Market Research | Maarten |
| Technical Research | Wouter |
| Gantt Chart | Damien |

| | |
|------------------------------------|--------------------|
| Project proposal | |
| Initial Planning | |
| Task Allocation | Damien and Maarten |
| Budget Calculations | Mostafa |
| Project Leading | |
| Project Management | Wouter |
| Eco-Efficiency and Sustainability | Maarten |
| Ethical and Deontological Concerns | Maarten |
| Project Definition | |
| Sketches | Wouter |
| Functionalities | Damien |
| Target's Audience | Maarten |
| Construction | |
| Hardware | |
| List of Materials | Wouter |
| Sensors | Damien |
| Body | Maria |
| Software | |
| Arduino Code | Mostafa |
| Testing | |
| Unit Testing | Mostafa |
| Product Testing | Maria |
| Corrections | Mostafa |
| Final | |
| Paper | Mostafa |
| Poster | Maria |
| Video | Maria |
| Leaflet | Damien |
| Evaluation | Wouter |
| Report | Damien |
| Presentation | Maarten |
| Demonstration | Maria |

Gantt Chart

| Task Name | Start | End | Duration | Start | End | Resources | Type |
|---|-------------|--------------|--------------|--------------|-------------------------------|-------------------------------|----------------|
| Multi-purpose Urban Equipment | NA | 20 days | Wed 28/03/18 | Tue 19/04/18 | | | Fixed Duration |
| W3 - High level Definition | NA | 5.5 days | Wed 28/03/18 | Mon 04/04/18 | | | Fixed Duration |
| Research | NA | 5.5 days | Wed 28/03/18 | Thu 05/04/18 | Damen, Maarten, Maria | | Fixed Duration |
| Market Research | NA | 3 days | Wed 28/03/18 | Wed 28/03/18 | Damen, Maarten, Maria | | Fixed Duration |
| Technical Research | NA | 2.5 days | Thu 05/04/18 | Thu 05/04/18 | Damen, Maarten, Maria | | Fixed Duration |
| Planning | 1 | 2 days | Thu 05/04/18 | Mon 09/04/18 | | | Fixed Duration |
| Task Identification | NA | 0.5 days | Thu 05/04/18 | Thu 05/04/18 | Damen, Maarten, Maria | | Fixed Duration |
| Task Allocation | 7 | 0.5 days | Fri 02/03/18 | Fri 02/03/18 | Damen, Maarten, Maria | | Fixed Duration |
| Gantt Chart | 8 | 1 day | Fri 02/03/18 | Mon 05/03/18 | Damen, Maarten, Maria | | Fixed Duration |
| Deliver project plan | 7,8,9 | Mon 05/03/18 | 0 days | Mon 05/03/18 | Mon 05/03/18 | | Fixed Link |
| W3 - Low level Definition | 2 | 8 days | Mon 05/04/18 | Thu 19/04/18 | | | Fixed Duration |
| Blockwork | NA | 3 days | Mon 05/04/18 | Mon 12/04/18 | | | Fixed Duration |
| Blockwork Diagram | NA | 2 days | Mon 05/04/18 | Wed 07/04/18 | Damen, Maarten, Maria | | Fixed Duration |
| Structural Drafts | 10 | 1 day | Wed 07/04/18 | Mon 12/04/18 | Damen, Maarten, Maria | | Fixed Duration |
| Deliver Blockwork | 10,11 | Mon 12/04/18 | 0 days | Mon 12/04/18 | Mon 12/04/18 | | Fixed Link |
| Detailed Design | 12 | 3 days | Mon 12/04/18 | Thu 15/04/18 | | | Fixed Duration |
| Detailed Schematics | NA | 3 days | Mon 12/04/18 | Thu 15/04/18 | Damen, Maarten, Maria | | Fixed Duration |
| Structural Drawings | NA | 3 days | Mon 12/04/18 | Thu 15/04/18 | Maria, Wouter, 70% | | Fixed Duration |
| Cardboard Model | NA | 3 days | Mon 12/04/18 | Thu 15/04/18 | Damen, Maarten, Maria | | Fixed Duration |
| Deliver Detailed Design | 12,13,14,15 | Fri 15/04/18 | 0 days | Thu 15/04/18 | Thu 15/04/18 | | Fixed Link |
| Material & Budget | 16 | Wed 04/04/18 | 6.5 days | Thu 05/04/18 | Tue 09/04/18 | | Fixed Duration |
| Selection Material & Components | NA | 3 days | Thu 05/04/18 | Thu 05/04/18 | Damen, Maarten, Maria | | Fixed Duration |
| Cost Calculations | NA | 2 days | Mon 09/04/18 | Thu 12/04/18 | Maarten, Maarten, Maria | | Fixed Duration |
| Interim | NA | 8 days | Wed 04/04/18 | Mon 09/04/18 | | | Fixed Duration |
| Interim Report | NA | 8 days | Wed 04/04/18 | Tue 09/04/18 | Damen, Maarten, Maria | | Fixed Duration |
| Interim Presentation | 16 | NA | Tue 09/04/18 | Thu 12/04/18 | Damen, Maarten, Maria | | Fixed Duration |
| Upload Interim Deliverables & Send S&P Assessment | 16 | Fri 12/04/18 | 1 day | Thu 12/04/18 | Damen, Maarten, Maria | | Fixed Duration |
| Interim Presentation Session | 17 | Thu 12/04/18 | 1 day | Fri 13/04/18 | Mon 16/04/18 | Damen, Maarten, Maria | Fixed Link |
| Selection of Local Providers & Final List of Materials & Components | 18 | Mon 13/04/18 | 1 day | Mon 13/04/18 | Tue 14/04/18 | Damen, Maarten, Maria | Fixed Link |
| Construction | 19 | Fri 01/06/18 | 20 days | Tue 17/04/18 | Wed 15/05/18 | | Fixed Duration |
| Refined report | NA | 10 days | Tue 17/04/18 | Tue 17/04/18 | | | Fixed Link |
| Hardware | NA | 25 days | Fri 17/04/18 | Wed 15/05/18 | | | Fixed Duration |
| Sensors | NA | 3 days | Tue 17/04/18 | Tue 17/04/18 | Damen, Maarten, Maria | | Fixed Duration |
| Case | NA | 10 days | Tue 17/04/18 | Tue 17/04/18 | Maarten, Maarten, Maria | | Fixed Duration |
| Software | NA | 20 days | Wed 18/04/18 | Wed 15/05/18 | | | Fixed Duration |
| Arduino Code | NA | 20 days | Tue 17/04/18 | Tue 17/04/18 | Damen, Maarten, Maria | | Fixed Duration |
| Refined Report | 21 | Wed 02/05/18 | 0 days | Tue 17/04/18 | Tue 17/04/18 | Damen, Maarten, Maria, Wouter | Fixed Link |
| Functional Tests & Results | 22 | Mon 04/06/18 | 4 days | Wed 23/04/18 | Tue 29/04/18 | | Fixed Duration |
| Unit Testing | NA | 3 days | Wed 23/04/18 | Fri 25/04/18 | Damen, Maarten, Maria, Wouter | | Fixed Duration |
| Product Testing | NA | 2 days | Fri 25/04/18 | Tue 29/04/18 | Damen, Maarten, Maria, Wouter | | Fixed Duration |
| Corrections | NA | 2 days | Fri 25/04/18 | Fri 25/04/18 | Damen, Maarten, Maria, Wouter | | Fixed Duration |
| Upload final report | 23 | NA | 11 days | Tue 16/04/18 | Tue 16/04/18 | | Fixed Duration |
| Final Presentation & Assessment | 24 | Thu 11/06/18 | 0 days | Wed 28/03/18 | Wed 28/03/18 | Damen, Maarten, Maria, Wouter | Fixed Link |
| EPS@ISEP 2018 Closing & Certificate Awarding Session | 25 | Thu 28/06/18 | 0 days | Wed 28/03/18 | Wed 28/03/18 | Damen, Maarten, Maria, Wouter | Fixed Link |

gaantchart4.pdf

Updated weekly Gantt chart:

For the first five weeks:

gaantchart5.pdf

For the first six weeks:

gaantchart6.pdf

The team has inserted the materials that they will use and its price in Microsoft Project. Following file inserted below:

gantt2.zip

For the first seven weeks:

gaantchart7.pdf

From the beginning to the Interim Presentation:

gaantchart8.pdf

The team has updated list of the materials that they will use and its price in Microsoft Project. Following file inserted below:

gantt.zip

1st week after the Interim presentation

gaantchart9.pdf

2nd week after the Interim presentation

gaantchart10.pdf

3rd week after the Interim presentation

gaantchart11.pdf

4th week after the Interim presentation

gaantchart12.pdf

5th week after the Interim presentation

gaantchart13.pdf

6th week after the Interim presentation

gaantchart14.pdf

7th week after the Interim presentation

gaantchart15.pdf

8th week after the Interim presentation

gaantchart16.pdf

1st week after the final presentation

gaantchart17.pdf

Final Gaant Chart

gantt_3_.zip

From:

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Permanent link:

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