Logbook

This is your logbook. Insert here all relevant information regarding the evolution of your project

Weekly Report

1st Week Report

- Team building
- Discussed project
- Decided on project

2nd Week Report

The second week for our team was full of brainstorming and discussion. The main topics of debate were the operating environment of our robot and possible layout and visions about design. The team decided in unison to choose common urban space (squares, markets, etc.).

3rd Week Report

In the third week, the team had the opportunity to participate in a Design Thinking workshop. The team also, continued working on the report, improving chapter 3 and starting on chapter 5 and 6. The component list is also, updated.

4th Week Report

In the fourth week, team2 continued working on the report. The team concluded the black box diagram and the Sprint plan. Also, calculations are made to improve the design of the MopBot. Furthermore, an improvement is made on the 3D model in SolidWorks. A meeting with Manuel has taken place to consider some technical issues. Portugal government, declared that all Univerisities and Polytechnics need to close due to Coronavirus, so from now on the team can only meet via video calls.

5th Week Report

During this week, the team continued working on the report, namely on Managment, Marketing and Sustainability chapters were updadted.

6th Week Report

In this week the team managed to finish some important tasks, such as the State of the Art, the Leaflet and the Flyer.

7th Week Report

On this week the team finally found a slogan that all members liked. The structural 3D draw was also finished, although some details need to change. The list of materials and components was uploaded.

8th Week Report

During this week the team start to prepare to the Interim Presentation. The marketing chapter and the components list were updated. The team also had a presentation about Luanda Leaks, for the ethics module. Also, in this week the team lost two members, so the team is now composed of 4 people.

9th Week Report

The main focus for this week, was put everything done to present on the Interim presentation. The presentation, in the team view, was very good and the team also think, that the others groups enjoyed our work.

10th Week Report

During this week, the team was searching for the last materials and components needed for the robot, and also update the final components list. The team continued to improve the details on the report.

11th Week Report

The deadline for this week, was to make and upload a video showing the Mopbot. For that, some members where working on Solidworks to show some movements of the robots, while others take care about the edition. The team also started to learn how to work with CopeliaSim, that is the software used to make the simulations.

12th Week Report

The team reviewed the report a last time before uploaded. Because the next important deadline is the Packaging Solution, the team started to brainstorming and discuss some ideas regarding this. The team has also begun preparing the Overleaf document that will be sent to ICL2020.

13th Week Report

The packaging solution, that taken into account the total weight of the robot, was concluded and uploaded. During this week, the team continues working on the simulations and began to work on the Overleaf paper.

14th Week Report

The Overleaf paper is almost finished, it´s just missing some details regardind the simulations that are progressing and hopefully will be finished by 2 of June.

15th Week Report

During this week, the team finished the Overleaf paper and send it to the ICL2020 juri. The problems regarding CopeliaSim were fixed and now just need to change some minor details. Also the video and the manual are almost complete and will be uploaded to the deliverables on the begining of the next week. For the next week the team will focus on finishing the deliverables and start preparing the final presentation.

16th Week Report

This was the final week of the EPS project. During the week the team had to finish the things that were missing, such as the video, the manual and the wiki report. Now the focus is to prepare the final presentation, that will take place on the next week.

Meetings

1st Meeting (2020-02-20)

Agenda:

1. Presentation
2. Modus operandi
3. Project proposals
4. Electronic logbook (Wiki)

Minute:

During the meeting we acknowledged all of the requirements stated by the EPS leaders. The main topic of the meeting was to present the list of topics to the EPS teams. After the meeting our team brainstormed to select the subject of the project. The three main topics which we discussed and sent as preferred ones were:

1. Trash Robot (modified version of Dog Litter Pickup Robot)
2. Indoor Blimp
3. Foldable Disaster Shelter

Lucky for us, we obtained the Trash Robot as a topic of our project.

During the meeting the whole team was present.

2nd Meeting (2020-02-27)

Agenda:

1. Welcome
2. Introduction to our idea
3. Potential problems (project)
4. Common goal
5. Closing

Minute:

During second meeting initial ideas about the trash robot were shared with Supervisors. Main problems adress enviroment in which robot will be operating and also litters that are going to be collected. Following Supervisors' advices and guidances team decided to consider one more time destination of the robot.

During the meeting the whole team was present.
Spokesman: Frederique Verberne

3rd Meeting (2020-03-05)

Agenda:

1. Achieved goals last weeks

- Location
- Kind of trash
- Report

1. Upcoming goals

- Sketches
- Functions
- Internal storage
- Charging points

1. Speaking with Robotic teacher about programming possibilities

4th Meeting (2020-03-12)

Agenda:

- Black Box Diagram
- Backlog
- Gantt Chartt
- Showing the first sketches of the robot

5th Meeting (2020-03-19)

Agenda:

1. Achieved goals last week
2. Discussing uploads on report
3. To do's

6th Meeting (2020-03-26)

Agenda:

1. sizes of the robot
2. vacuum system
3. lidar sensor
4. low-battery sensor
5. simulations
6. 3d sketches

7th Meeting (2020-04-02)

Agenda:

- Summary of previous week's actions
- Current week plans, blocking points
- Preparation of interim deliverables
- Up-coming weeks steps forecast

8th Meeting (2020-04-16)

Agenda:

- Interim presentation

9th Meeting (2020-04-23)

Agenda:

- Summary of previous week's actions
- Current week plans, blocking points
- Collaboration update

Minute:

During the meeting we discussed our team collaboration. We gave an update about Hilary leaving the team.

During the meeting the whole team was present.
Spokesman: Frederique Verberne

10th Meeting (2020-04-30)

Agenda:

- Summary of previous week's actions
- Final Paper
- Packaging Solution

Minute:

During the meeting, it became clear that we're on the right track. Not allot of further feedback received.

During the meeting the whole team was present.
Spokesman: Tomás

11th Meeting (2020-05-07)

Agenda:

- Summary of previous week's actions
- Packaging Solution
- Overleaf paper

Minute:

During the meeting we received feedback from the teachers to continue working on the simulation

and packaging solution. We also talked about the overleaf, that we will upload as soon as we can.

During the meeting the whole team was present.
Spokesman: Corina

12th Meeting (2020-05-14)

Agenda:

- Summary of previous week's actions
- CoppeliaSim – Simulation Software
- Packaging solution concept presentation
- Deliverables questions

13th Meeting (2020-05-21)

Agenda:

- Poster
- Overleaf
- Report
- Component list

14th Meeting (2020-05-28)

Agenda:

- Overleaf paper
- Final Deliverables

15th Meeting (2020-06-04)

Agenda:

- Manual
- Video
- Simulation

16th Meeting (2020-06-09)

Agenda:

- Previous week: Manual, video, simulation, poster

- Upcoming week: Simulation, report, manual

17th Meeting (2020-06-16)

Agenda:

- Final Presentation

Activities

Please register here all accomplished project activities

Start	End	Task	Description	Who

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