

Logbook

Weekly Report

1st Week Report

- Decided on top 3 projects & got the following assigned: Insect Rebugging of the Soil.
- Started to brainstorm on project ideas & target group - much more research on the topic is needed, since we all don't have any

knowledge on the topic yet.

- Created a MS Teams OneNote Structure to share information with each other.

2nd Week Report

- "Scientific" and "commercial" research to further narrow down our topic
- Decision to focus on a smaller scale
- Brainstorming about actual ideas
- Decided on one product and started further specific brainstorming
- More precise research again regarding our "new" topic is needed

3rd Week Report

- working on structural drafts
- blackbox diagram
- first design ideas
- knowledge gaining

4th Week Report

- Projectmgmt: WBS
- rough list of components (without electronic setup)
- updating wiki with projectmgmt tasks, state of the art (commercial, scientific)

5th Week Report

- Focus on marketing and communication
- leaflet & flyer
- logo
- SWOT
- Risk Mgmt

6th Week Report (12.04.2022)

- Worked on different sections in report for deadline
- started survey
- worked on technical component setup
- reviewed design drafts
- several marketing tasks done
- ethological concerns done
- environmental & sustainability review almost finished

7th Week Report (21.04.2022)

- easter holidays
- updates wiki / report
- worked on cardboard model
- updated power table, technical setup
- created & discussed interim presentation

8th Week Report (28.04.2022)

- 3D model
- developed prototype
- list of components & suppliers
- started working on interim report feedback
- mainly worked on chapter 7
- added logo and other marketing related deliverables into the wiki

9/10th Week Report (12.05.2022)

- Queima ;)
- finished breadboard model, circuit diagram
- updated chapter 7
- 3D model video
- ethics presentation
- adding & working on interim feedback

Meetings

1st Meeting (2022-03-10)

Agenda:

1. Presentation: Thoughts about target group, first ideas, general brainstorming.
2. Open Questions: Is there a link to the project proposal?

Minute:

Introduction of project idea, First ideas where to go, Questions.

2nd Meeting (2022-03-17)**Agenda:**

1. Research results
2. New idea(s)
3. Brainstorming results

Minute:

To be added by the team.#

3rd Meeting (2022-03-24)**Agenda:**

1. Presentation of black box (see Teams)
2. Presentation of structural draft (see Teams)
3. Report Insect Farming (see Teams)

Minute:

Discussion of blackbox model, changes need to be made.

4th Meeting (2022-03-31)**Agenda:**

1. List of Components
2. Defenition of our target group
3. Problem statement
4. WBS

Minute:

To be added by the team.

5th Meeting (2022-04-07)

Agenda:

1. Survey

Minute:

Received feedback on survey and report progress / wiki entries

6th Meeting (2022-04-13)

Agenda:

1. Review of technical setup:
 1. Input for power supply desired
 2. Question: Technical Setup is a transistor or relay needed?
 1. Microcontroller specs:
 1. Operating Voltage: 5 V
 2. Input Voltage: 6-20 V
 2. Fan:
 1. 12 V DC
 3. 12 V External Power Supply for MC and Fan (Trafo + cable with switch)
 2. Question: can you please provide us cardboard and supplies to work on the model? Thank you!

Minute:

Received input and feedback for power supply / technical setup.

7th Meeting (2022-04-21)

Agenda:

1. Interim Presentation

Minute:

- Presentation of the report and results so far

8th Meeting (2022-04-28)

Agenda:

1. Presentation of list of components and suppliers
2. 3D video model
3. Right citation for links in tables? Add the reference and then cross-reference.

Minute:

To be added by the team.

9th Meeting (2022-05-12)**Agenda:**

1. presentation of circuit diagram and breadboard setup
2. the olx option for the prototype is unfortunately not available - please order the hema version.
Thank you! :)

Minute:

To be added by the team.

10th Meeting (2022-06-01)**Agenda:**

1. Presentation of prototype so far (interface, electronic connections)
2. Sensor input/output?

Minute:

To be added by the team.

11th Meeting (2022-06-09)**Agenda:**

1. Overleaf
2. When can we go to the lab to work on the prototype?

Minute:

To be added by the team.

12th Meeting (2022-06-15)

Agenda:

- 1. What is expected from the commercial video?
- 2. What is expected for the final presentation? Go over the complete Marketing, Sustainable... part again
- 3. Do we need to hand in the final presentation on the 18th already?
- 4. Is it possible to get new mealworms?

Minute:

To be added by the team.

Activities

Please register here all accomplished project activities

Start	End	Task	Description	Who

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