

Project Title

Interactive Light and Sound Table

Sponsor



Project Summary

The goal is to develop an interactive sound and light table

The project requirements are:

1. easily portable;
2. batteries for 12 h or connected to the mains power;
3. user interface should be simple and intuitive;
4. resistant to scratches;
5. waterproof
6. adopt appropriate materials;
7. IR sensors
8. Compliant with the 2006/42/CE 2006-05-17, 2005/95/CE 2006-12-2

and ROHS EU Directives;

1. Comply with the following EU Directives:
 1. Machine Directive ([2006/42/CE 2006-05-17](#));
 2. Electrical Safety: Low Level Voltage Directive ([2006/95/CE 2006-12-12](#));
 3. Restriction of Hazardous Substances (ROHS) in Electrical and Electronic Equipment Directive ([2002/95/EC 2003-01-27](#));
2. Mandatory adoption and use of the International System of Units ([The NIST International Guide for the use of the International System of Units](#))
3. Use open source technologies.

Participants

Institution: Instituto Superior de Engenharia do Porto

Team N.1:

Students:

- Maria Ricondo Fernandez
- Toma Jurjonaitė
- Izabela Miklaszewska
- Aare Reimus

Supervisors:

- António Ferreira da Silva (afs 'at' isep 'dot' ipp 'dot' pt)
- Manuel Santos Silva (mss 'at' isep 'dot' ipp 'dot' pt)

- Maria Benedita Malheiro (mbm 'at' isep 'dot' ipp 'dot' pt)
- Maria Cristina Ribeiro (mcr 'at' isep 'dot' ipp 'dot' pt)
- Nídia Sá Caetano (nsc 'at' isep 'dot' ipp 'dot' pt)
- Paulo Ferreira (pdf 'at' isep 'dot' ipp 'dot' pt)
- Pedro Barbosa Guedes (pbg 'at' isep 'dot' ipp 'dot' pt)

Client:

- José Barros Oliveira (jbo 'at' isep 'dot' ipp 'dot' pt)

Contents

Work Plan: [Deadlines](#), [Tasks](#), [Gantt chart](#), [Task allocation](#)

Logbook: [Weekly Report](#), [Meetings](#), [Activities](#)

Report: [Report](#)

Deliverables: [Links to all deliverables](#)

Contacts

Student Name, username@mailserver, facebook, twitter, etc.

- Maria Ricondo Fernandez, mariarfaja'at'gmail'dot'com, <http://www.facebook.com/profile.php?id=1645653565&ref=ts>
- Toma Jurjonaitė, toma'dot'jurjonaite'at'gmail'dot'com, <http://www.facebook.com/profile.php?id=100000246483066>
- Izabela Miklaszewska, izka_1211'at'o2'dot'pl, <http://www.facebook.com/profile.php?id=100000283013472>
- Aare Reimus, aarereimus'at'gmail'dot'com, <http://www.facebook.com/aarereimus>



Utilities

- [DokuWiki Syntax](#)
- [Videos on how to use Wikidoku](#)

Acknowledgements

- ISEP (sponsor)
- Prof. João Correia Lopes
- Eng.^o Vítor Costa Cerqueira

— [EPS@ISEP Wiki Template](#) 2012/01/15 15:35

From:
<http://www.eps2012-wiki1.dee.isep.ipp.pt/> - **EPS2012-wiki1**

Permanent link:
<http://www.eps2012-wiki1.dee.isep.ipp.pt/doku.php?id=start>

Last update: **2014/07/23 20:28**



