

# 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 Jurjonaité
- Izabela Miklaszewska
- Aare Reimus

### Supervisors:

- António Ferreira da Silva (afs 'at' isep 'dot' ipp 'dot' pt)
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### 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.

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## Utilities

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

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