





TITLE	Interactive Musical Toy
-------	-------------------------

	NAME	Aare Reimus			
	N.	1111816	TEL.		EMAIL 1111816@isep.ipp.pt
	NAME	Izabela Miklaszewska			
	N.	1111325	TEL.		EMAIL 1111325@isep.ipp.pt
	NAME	Maria Ricondo Fernandez			
	N.	1111332	TEL.		EMAIL 1111332@isep.ipp.pt
	NAME	Toma Jurjonaité			
	N.	1111824	TEL.		EMAIL 1111824@isep.ipp.pt

SHORT DESCRIPTION	
Objective	Develop a interactive musical toy to be used by children
Requirements	<ul style="list-style-type: none"> – Cable / Wi-Fi communication; – User interface should be simple and intuitive; – Batteries for 12 h / connected to the mains power; – IR / ultrasound + oscillators (Theremin) sensors – Adopt appropriate materials – Compliant with the 2006/42/CE 2006-05-17, 2005/95/CE 2006-12-2 and ROHS EU Directives.

RELEVANT DATA	
Maximum budget: 500 €	

ACADEMIC SUPERVISORS	António Ferreira da Silva (AFS), Manuel Silva (MSS), Maria Cristina Ribeiro (MCR), Nídia Sá Caetano (NSC), Paulo Ferreira (PDF), Pedro Barbosa Guedes (PBG), Benedita Malheiro (MBM)
----------------------	--

CLIENT	ISEP, José Barros Oliveira (JBO), jbo@isep.ipp.pt
--------	---