

TITLE

EUROPEAN PROJECT SEMESTER – EPS@ISEP PROJECT DESCRIPTION

UV Wearable / Toy Display

Project:

P01

Semester:

Spring 2012

STUDENT NAME	
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SHORT DESCRIPTI	ON
Objective	Develop a wearable garment or toy that works as a UV display to be used by people (children, elderly, etc.) in open air spaces.
Requirements	 Compliant with the UV index defined by the World Health Organization; User interface should take into account eventual user handicaps: colour-based for ordinary people, sign-based for colour blind people, texture-based for blind people, sound-based for deaf people, etc.; Power autonomy of 12 h; Adopt intelligent materials Compliant with the 2006/42/CE 2006-05-17, 2005/95/CE 2006-12-2 and ROHS EU Directives.
RELEVANT DATA	
RESOURCES	
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)
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