isep Instituto Superior de
Engenharia do Porto

EUROPEAN PROJECT SEMESTER – EPS@ISEP
PROJECT DESCRIPTION

Project:	**P06**
Semester:	**Spring 2021**

TITLE	Crowd Orchestration

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SHORT DESCRIPTION	
Objective	Design, build and test a crowd orchestration system, following sustainable and ethical design practices. The purpose, target user segment and the full set of device requirements are to be defined by the team based on the state of the art, marketing, sustainability and ethical analyses. The system may guide, change the pace, capture/divert the attention, synchronise or entertain the crowd.
Requirements	– Use or reuse low cost hardware solutions; – Use open source software; – Adopt the International System of Units (NIST International Guide for the use of the International System of Units); – Comply with the 2006/42/CE 2006-05-17, 2004/108/EC 2004-12-15, 2014/35/EU 2016-04-20, 2014/53/EU 2014-04-16 and ROHS EU Directives.

RELEVANT DATA
Maximum budget: 100 €

RESOURCES	

ACADEMIC SUPERVISORS	Benedita Malheiro (MBM), Jorge Fonseca Justo (JFJ), Maria Cristina Ribeiro (MCR), Manuel Silva (MSS), Paulo Ferreira (PDF), Pedro Barbosa Guedes (PBG)

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