

In this issue:

Welcome to CONCEPT FP7!

CONCEPT News

CONCEPT in a Nutshell:

The CONCEPT project (<http://www.concept-fp7.eu/>) aims to conceive and implement a platform to assist professional designers when in remote collaboration during the creative stages of the design process.

The project is co-funded by the European Commission, under the 7th Framework Program. This newsletter aims at staying in touch with relevant stakeholders and at providing updates about the project developments.

Follow us and join the CONCEPT community!

Twitter

https://twitter.com/CONCEPT_FP7

LinkedIn

<https://www.linkedin.com/groups?viewMembers=&gid=7428377&sik=1401703737295>

Facebook

www.facebook.com/pages/Concept/269223439898771#

Abstract

The scope of the CONCEPT project is the implementation of a semantically driven collaboration framework to be integrated into future synchronous/asynchronous collaborative design environments, dedicated to assist professional industrial designers when distributed during the early stages of the design process and in collaboration/communication with their clients. A number of research and technological challenges will be addressed, including the semantic integration of collaborative tools and data, effective methods for communication and interaction among distributed teams, group awareness and the use of metaphors for conceptual design; which have unique considerations and applications during early-stage product design.

Tools & Solutions

Current collaborative design tools are focusing on the modeling stages of the design process leaving the conceptual stages of the design process unexplored. This would include:

1. The design brief - description of the problem and the needs of the user,
2. Research & Analysis of context (existing products design and marketing benchmarking, technologies, materials, processes, user behaviour,
3. Inspiration and concept development,
4. Product design specifications.

CONCEPT will develop in a framework which addresses all aspects of computer-aided distributed collaboration, with a focus on increasing productivity and efficiency during the early-stages of product design.

Contemporary collaborative design workspaces do not naturally provide the rich information landscape available in a face-to-face setting. As a result, many of the perceptual cues that people use to maintain workspace awareness (i.e. an understanding of the presence, activities and intentions of others in the workspace) are missing in a distributed collaborative design platform..

The project plans to use this dataset for future algorithmic development and evaluation.

COncEPT News:

Meetings

The COncEPT Kick-off meeting was held in October 2014 at Intrasoft, in Athens, Greece. The project designed the first roll out of the development of the COncEPT architecture.

First plenary meeting was hosted by Atos in March 2014 in its Madrid premises. The COncEPT partners were working on a development of the project's requirements and other technical issues which are essential for product design.



COncEPT Partners:



Events & Conferences

During the first part of 2014, the COncEPT partners were preparing different activities for the upcoming events & conferences in Year 2014 and 2015. Here a short overview:

*Position paper accepted for the Engineering and Product Design Education conference <http://www.iepde.org/epde14/> in Enschede Netherlands, Sept 2014.

*A paper has been submitted to the 2014 ICISOFT conference www.icsoft.org

*An abstract has been submitted for the 11th European Academy of Design Conference: The Value of Design 2015 <http://ead.yasar.edu.tr/?q=node/23>

Retrieve all our publications at our website: <http://www.concept-fp7.eu/>

Workshops

The workshop was a collaboration with the Second Skin project, and took place in Glasgow, Scotland, on March 7th 2014. (see: <http://maklab.co.uk/> <http://www.rgu.ac.uk/news/researchers-to-develop-second-skin-textiles-to-address-chronic-health-challenges>)