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VICON
Virtual User Concept for Inclusive Design of Consumer Products and
User Interfaces

Deliverable Report

D 5.2: Impact Analysis Regarding Product Development Process

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PU	Public	
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Abbreviation	**Definition**

Executive Summary

This deliverable describes the implications coming from VICON system integration into existing product development processes. To determine implications of VICON three versions of each product are designed and evaluated. First one is the existing products previously developed by DORO or ARCELIK and the second one is the new version of that product developed using inclusive design guidelines. Final product is the new version of that product developed using VICON system. All data is collected during the designs of end products. In addition to this, the developers are interviewed. All these data is compared to determine the VICON implications to ARCELIK and DORO design processes.

1 Introduction

This deliverable reports the results of data analysis recorded during the product design processes. Its aim is to report the implications of VICON system to ARCELIK and DORO design processes. In this section a short summary of ARCELIK and DORO product design processes are given.

1.1 Arcelik Product Development Process

summary to be added

1.2 DORO Product Development Process

summary to be added

2 Product Development and Data Collection

The main aim is to collect data during the development process. First data is collected from an existing product which is designed in the usual PLM (Product Lifecycle Management) using typical tools in different phases like sketch tools and CAD tools. The second data is collected during the new version of that product developed using inclusive design guidelines. Finally, VICON system is used to create sketch designs of the product, and then CAD designs of the products created and finally designs are evaluated.

2.1 Remote Control Development

Collect data for Existing Remote Control Design, Existing Remote Control Design with Inclusive Design Guidelines and New Remote Control Design with VICON.

to be completed...

2.2 Washing Machine Development

Collect data for Existing Washing Machine design, Existing Washing Machine Design with Inclusive Design Guidelines and New Washing Machine Design with VICON.

to be completed...

2.3 Mobile Phone Development

Collect data for Existing Mobile Phone design, Existing Mobile Phone design with inclusive design guidelines and New Mobile Phone design with VICON.

to be completed...

3 VICON Impact on Product Development Process

The main aim is to compare above results to find out the differences and impact of VICON system to ARCELIK and DORO product development processes.

to be completed...

4 Conclusions

The conclusions will be presented here.

5 References

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6 Appendices

6.1 Questionnaire for Product Designers

to be added....