



Ambient Assisted Living Joint Programme

Project full title:

Development of a non-invasive CAPactive sensor oral MOUSE interface for the disabled elderly (CAPMOUSE, AAL-2008-1-203)

Deliverable report:
D6.3 Stakeholder workshops

AAL project number:

Project starting date: 15/06/2009

Project duration: 30 months

Coordinator: Tomas Brusell

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Project website: <http://www.brusell-communications.com/aal>

Contributors: BD, HMC, LOTS, PRO





Overview

This report represents the workshops that were either organized by the CAPMOUSE consortium members or where the CAPMOUSE consortium members participated, to present the work done and get various feedbacks from the workshop participants. In total the CAPMOUSE project and its results were presented in at least 16 different events. Some of these were targeted to end-users (Gothenburg, Stockholm) and some to more general public as well as possible business clients (Oslo, Gent, Trondheim, Aalter, AAL forums).

End user workshops

1. Gothenburg 23-24/9 2009

Place: HDK; School of design at Gothenburg University.

Participants:

Tomas Brusell – Brusell Dental

Joakim Widegren - Brusell Dental

Mats Ekström – Brusell Dental

Gerd Klang - PRO

Helena Hansson - LOTS

Irène Stewart Claesson - LOTS

Mats Eriksson – LOTS (trainee)

A workshop to define and analyze the main user groups, Elderly and disabled in Permobil Wheelchair.

Two levels of use depending on user needs;

- Basic: remote control to navigate in the mobile device or other simple task (remote control/on-off.
- Advanced: full mouse function for direct computer use.

2. Workshop Gothenburg 07.04.10 – 08.04.10

Participants:

Henrik Kreutz Erbeus, Helena Hansson and Jesper Johansson, PRO, Gerd Klang, HMC International, Hans Fraeyman and Stijn Deblancq, Shift, Patrik Westerlund, Xytech, Erik Ullman and Brusell Dental, Mats Ekström, Joakim Widerberg and Tomas Brusell

14 PRO members in 4 groups went through 3 stations, where they were interviewed by Helena, and where able to try 5 different design prototypes. Also interview Henrik and with assistance of Mats they finally tested the Cap Mouse integrated with the Mobile Device.





3. Workshop, Aalter, 18.11.2011

Participants:

1. Tomas Brusell
2. Hans Fraeyman
3. Jesper Jonsson
4. Lieven Broucke
5. Siim Läänelaid

In-consortium user testing of the prototype and conclusions thereof. Preparations for the end-user testing

Agenda

1. Testing the sensor prototype with the datalogger for input to develop the control algorithms.
2. Testing the design prototype of the headset
3. Final project period activity planning

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4. Enduser testing workshop in Brussels Hospital jan-feb 2011

HMCi and LOTS carried out some end-user tests at a hospital setting in Brussels, Belgium.

5. Enduser testing workshop Ulricehamn May 4, 2012

14 participants from PRO in end-user testing sessions. Testing was set up and carried out by PRO, LOTS and BCAS.

6. Enduser testing workshop in Gothenborg, May 15, 2012

8 participants from PRO in final end-user testing of the CapMouse. Testing was set up and carried out by PRO, LOTS and BCAS.





Business workshops

1. Trans-national AAL2business Workshop, at Vinnova in Stockholm on 30 May, 2012

Discussion of and training in methods, tools, and supporting services available for business development in AAL JP projects. Developing business models of AAL products and services in small groups together with business experts, who will provide support and mentoring during the group work. Exchange of experiences related to AAL business development among AAL projects. Sharing challenges and best practices in business development.

2. Welfare technology conference in Trondheim 8-8/11 2011

The main organizer of the conference is MedITNor network in cooperation with NTNU and the Chamber of Commerce in Trondheim. **The program consists of famous people from national institutions in welfare technology and is** the most important meeting place for those who are concerned about welfare reform, technology and collaboration.

The CapMouse project was presented at the conference by the project coordinator Tomas Brusell.

3. AAL workshop at Permobil, Timrå. 28-29 October 2010

Participants:

Henrik Kreutz Erb us, Industrial Design, Lots

Tomas Brusell, Manager Brusell Dental, AAL Coordinator

Christian Hedborg, CEO, Brusell Communications

Joakim Widegren, Technical Director, Brusell Communications

Hans Fraeyman, Manager HMC International/Permobil

Wim Roegiers, Lead Software Developer, Permobil/HMC

Jonas J hkel, Industrial Design, Permobil

 ke Melander, R&D Manager, Permobil

Helena Hansson, Industrial Design, Lots

It was decided that Lots (Helena) and HMC (Hans) will set up an end user testing at a Brussels hospital 1Q (in the end of January) 2011 and a follow up test session will be planned for 2Q 2011.

HMC stated that a possible manufacturer of the Capmouse is Suzhoy Kefu Industrial, Luzhi, China. The company is a trusted Permobil/HMC-partner and has a good track record concerning reliability and cost effectiveness.

4. Demo/Workshop at the Intervention Center, Oslo Universty Hospital.

Location: Oslo University Hospital, Oslo, Norway





Date Tuesday, February 28th, 2012

Presentation of the AAL Project and its aim to realize a truly hands free technology for different markets including the Medtech market, using prototype 1. Questions of establishing projects with the oral interface as possible input device was discussed, as was the structure of potential future partnership.

5. AAL Forum Vienna 2009

19-21 September 2009

6. AAL Forum Odense 2010

15-17 September 2010

7. AAL Forum Lecce 2011

26-28 September 2011

AAL JP CapMouse project reached the AAL Forum Award 2011 Final,

Conclusions

In conclusion, the workshops were very useful for further development of the CAPMOUSE during the project and the feedback was equally valuable from the end users and business community, contributing to the successful end result of the CAPMOUSE project.

