



D4.1 PIA website for public access

Project number	AAL-2012-5-033	
Project acronym and name	PIA	Personal IADL Assistant
Deliverable number and name	D4.1	PIA website for public access
Coordinator	KARDE	Karde AS
Partners	UCLM	University of Castilla-La Mancha, MAMl Research Lab
	TELLU	Tellu AS
	UU-SERG	University of Ulster, Smart Environments Research Group
	Accord	Accord Group
	StickyW	StickyWorld Ltd.
	ASK	Asker Municipality
	BIS	Berliner Institut für Sozialforschung
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Work package number and name	WP4	AWARENESS RAISING AND EXPLOITATION
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1. Introduction

Dissemination is an important goal for the PIA project. One of the first actions internationally is launching the project's web site. PIA's web site was published at <http://pia-project.org> on the 30th of April 2013.

The PIA web site is a collection of 10 main web pages. These pages will be updated with more detailed information about each topic as the project evolves.

The web site includes a column for AAL-related news. This column will later be utilised also for the PIA project's dissemination.

Accessibility of the website includes easy-to-read language, short lines and short chapters, and alternative text for links and images.

The web site was developed with Dreamweaver 8 software.

2. Web pages

The 10 web pages have been designed to host updated basic information about the PIA project. In the remainder of this section the web pages are presented as they were on the day of publishing (30th of April 2013).


2.1 Introduction (Home)

Purpose: The PIA project's idea in a nut-shell

URL: <http://www.pia-project.org/index.html>

Screenshot:

April 29, 2013



Personal IADL assistant for coping at home.

- ▶ Introduction (Home)
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Introduction (Home)


Older persons wish to live independently in their homes and to perform daily activities without relying on or asking for external help. For some, provision of support to **Instrumental Activities of Daily Living** (IADL) may become a necessity to enable them to adequately cope with daily living.

The PIA system will provide primary end-users with effective IADL support by offering video clips of desired topics of daily living activities on a tablet PC or smartphone.


PIA is an **AAL JP** (Ambient Assisted Living Joint Programme) project from Call 5.

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2.2 Technology

Purpose: Technology strategy and standards

URL: <http://www.pia-project.org/prodtech.html>

Screenshot:

PIA
Personal
IADL
Assistant

Personal IADL assistant for coping at home.

April 29, 2013

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Technology

To achieve the goals of the PIA project the consortium will develop new technology and integrate existing technologies in a new way. Technology collaboration will take place throughout design, technical specification and development phases.

To achieve the overall objectives we will design and build interconnected systems using best practice methods and facilitate the use of international and open technology standards wherever applicable.

The technology partners will adopt a technology collaboration strategy revolving around the design and open use of PIA's Application Programming Interface (API) – the foundation from which the required individual web and mobile client applications for the project can be effectively developed.

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2.3 Usability and accessibility

Purpose: References to guidelines used in the PIA project

URL: <http://www.pia-project.org/useacc.html>

Screenshot:



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Usability and accessibility

Accessibility and usability issues are of great importance when designing technologies to elderly people and persons with cognitive disabilities.

The PIA project will apply a wide range of usability and accessibility guidelines, both for mobile devices, such as smartphones and tablet PCs, and for web applications. Examples of relevant design guidelines and considerations are:

- [Principles of Universal Design](#) (NC State University)
- [Mobile Web Best Practices 1.0](#) (W3C)
- [Cognitive Disabilities: Design Considerations](#) (Web AIM)

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2.4 Ethical issues

Purpose: References to relevant ethical codes of conduct

URL: <http://www.pia-project.org/ethics.html>

Screenshot:

April 29, 2013

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Assistant

Personal IADL assistant for coping at home.

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Ethical issues

For research-ethical issues, the PIA-consortium has decided to follow the **RESPECT Code of Practice**. The RESPECT code of practice is based on three main principles:

1. Upholding scientific standards
2. Compliance with the law
3. Avoidance of social and personal harm

In addition, the PIA project will take into consideration other frameworks for research ethics, such as **Alzheimer Europe's** definitions and approaches concerning:

1. Solidarity and interdependence
2. Personhood
3. Dignity

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2.5 Tests and trials

Purpose: Short description of PIA project's empirical work

URL: <http://www.pia-project.org/testtrial.html>

Screenshot:

PIA
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IADL
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Tests and trials

The development of the PIA system is user-centric. User tests and field trials will pave the way from idea to technology uptake.

In order to gain optimal usability, accessibility and acceptability, the PIA team will test in laboratory the user interfaces and general functionality of the PIA system.

Field trials will be organised to pilot the PIA system in real home environments. In addition to primary end-users, both formal and informal carers will be engaged in PIA field trials.

For dissemination purposes a mobile "PIA home kit" will be developed. This kit can also be deployed to acquire end-user feedback in different dissemination contexts.

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2.6 Language choices

Purpose: PIA system's European dimension

URL: <http://www.pia-project.org/language.html>

Screenshot:

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IADL
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Personal IADL assistant for coping at home.

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Language choices

The PIA system will be developed, tested and trialed in four countries and languages:

1. English
2. German
3. Spanish
4. Norwegian

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2.7 Downloadables

Purpose: References material created by PIA partners

URL: <http://www.pia-project.org/download.html>

Screenshot:

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Assistant

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Downloadables

There is currently no material available for downloading.

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2.8 News archive

Purpose: External project «diary»

URL: <http://www.pia-project.org/news.html>

Screenshot:



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News archive

23.-24.4.2013: The kick-off meeting of the PIA project was held in Berlin, hosted by Berlin Institute for Social Research. All partners from the four participating countries were represented by 16 meeting delegates.

16.4.2013: StickyWorld publishes a [blog entry about PIA](#).

1.4.2013: BIS publishes [PIA web page](#).

10.3.2013: Tellu publishes [PIA web page](#).

3.3.2013: Karde publishes [PIA web page](#).

1.3.2013: MAmI publishes [PIA web page](#).

10.12.2012: IT Funk in the Research Council of Norway publishes [PIA information](#).

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2.9 Partners

Purpose: Partner information and links to home pages

URL: <http://www.pia-project.org/partners.html>

Screenshot:

PIA
Personal IADL Assistant

Personal IADL assistant for coping at home.

April 25, 2013

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Partners

The PIA-consortium is designed to provide an innovative environment for software development, field trials and exploitation activities. The project partners and their main areas of expertise/tasks in the PIA-project are:

Norway:

- Karde AS:** Project management, accessibility design, dissemination, exploitation. Coordinator.
- Tellu AS:** Software development, sensor technologies, technology standards, exploitation. Technical manager.
- Asker Municipality:** User requirements, care technology integration and interoperability, tests, field trials, dissemination.

United Kingdom:

- StickyWorld:** Software development, multimedia, integration issues, social platform, exploitation. Impact manager.
- Accord Group:** Field trials, ethical issues, coping at home, dissemination. Ethics manager.
- University of Ulster; **Smart Environments Research Group (SERG):** Smart homes, sensor systems, multimedia.

Germany:

- Berlin Institute for Social Research (BIS)** (Germany): Ethical issues, tests and field trials, accessibility issues, dissemination.

Spain:

- Castilla-La Mancha University; **Modelling Ambient Intelligence Research Lab (MAmI):** IADL, carer stress and quality of life modelling and measurement tools.

Karde AS has two sub-contractors in Norway: **Seniornett Norway** (user requirements, tests and trials) and the **City of Oslo Resource Center for Geriatric Care** (IADL, expert panel, smart homes for elderly).

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2.10 Contact information

Purpose: E-mail links to project management, task summary and partner contacts

URL: <http://www.pia-project.org/contact.html>

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Contact information

Project coordinator [Riitta Hellman](#), Karde AS

Technical manager [Lars Thomas Boye](#), Tellu AS

Impact manager [Michael Kohn](#), StickyWorld Ltd.

Ethics manager [Rachael Dutton](#), Accord Group

Other contacts:

[Eva Schulze](#), Berlin Institute for Social Research

[Luke Chen](#), University of Ulster (SERG)

[Lisa Kristine Hagen](#), Asker Municipality

[José Bravo Rodriguez](#), Castilla-La Mancha University (MAMI)

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3. Further development

The PIA web site will be in continuous development. Changes during the first year of the project will be of minor character. During the second year when the first PIA prototypes exist, the web site will be upgraded to display interactive multimedia information about the PIA system and thus be an integrated part of the PIA project's exploitation strategy (cf. Deliverable D4.2 Exploitation plan).