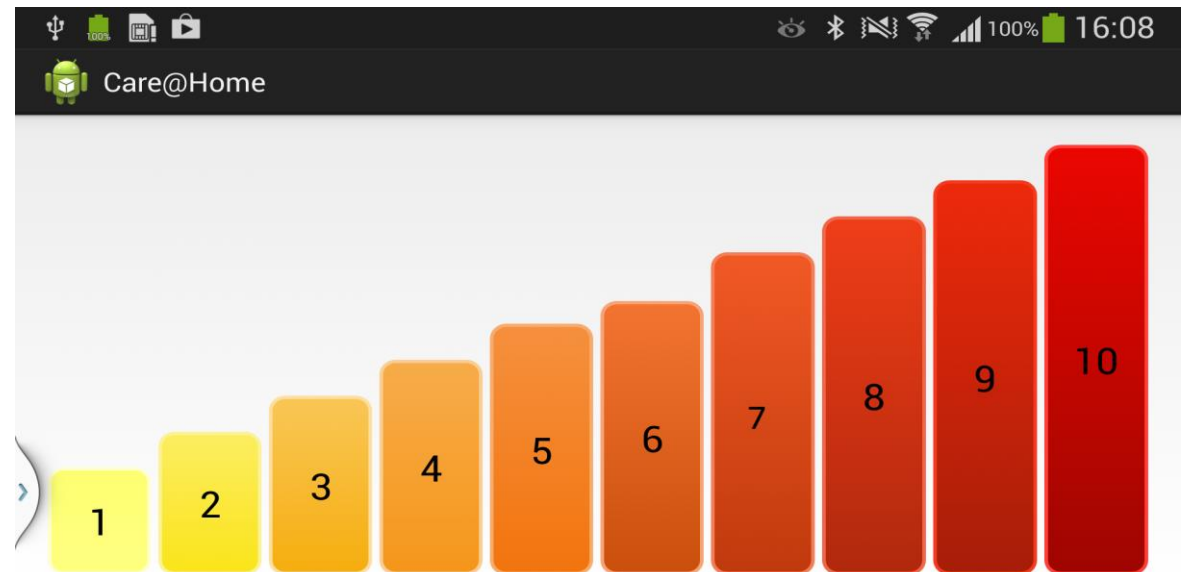


Application for subjective PAIN measurement for patient with mild cognitive impairment

eResult and Università di Bari "Aldo Moro" with Prof. ssa Marina De Tommaso, in the context of the project "CARE@HOME, are developing a software application for smartphone to allow patients with mild cognitive impairment to express their level of mood and discomfort.

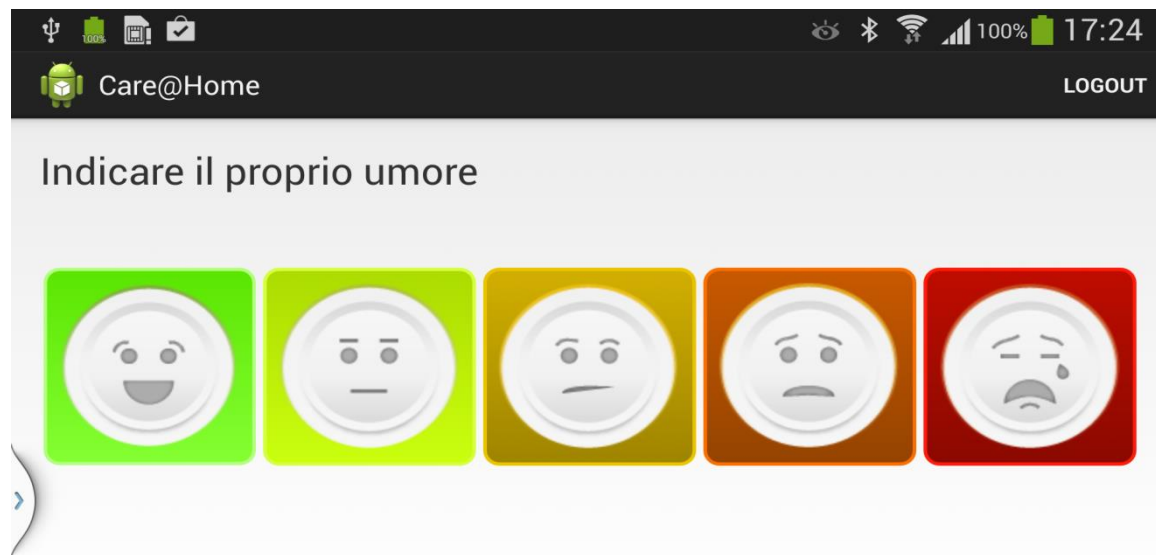
Application: discomfort level

Each time a patient should take the painkiller medication the system **reminds** the user to take it and **presents** him/her with a scale of discomfort level and a set of images representing a person mood. Option for discomfort level to chose from:



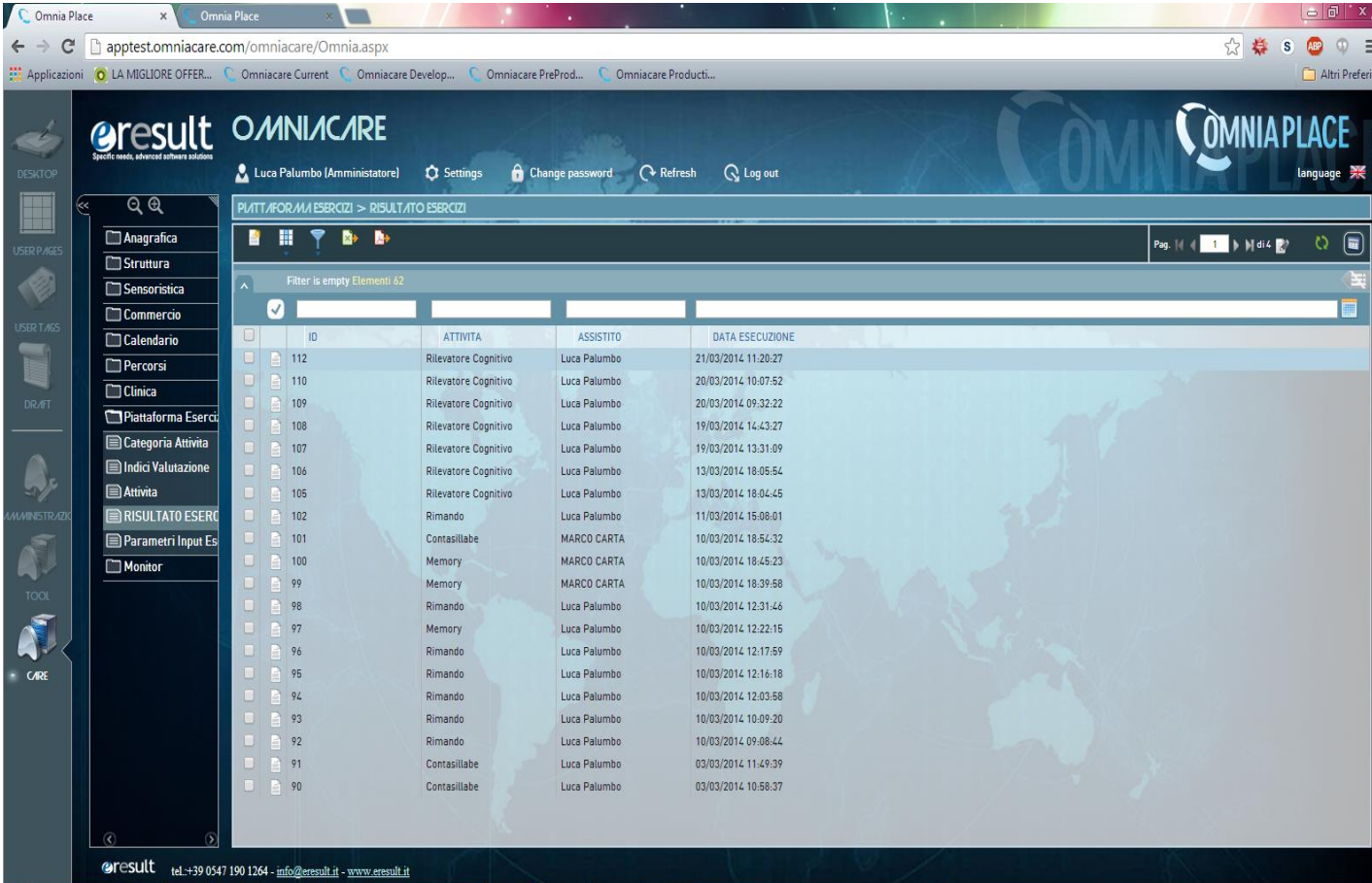
Application: mood level

Options for mood level to chose from:



Application: monitoring information

All information is collected in a database. Medical personnel can monitor each patient and decide if/when it is necessary to intervene to support a patient.



The screenshot shows the eresult OMNIACARE web application interface. The browser address bar displays 'apptest.omniacare.com/omniacare/Omnia.aspx'. The page header includes the eresult logo, the user name 'Luca Palumbo (Amministratore)', and navigation options like 'Settings', 'Change password', 'Refresh', and 'Log out'. The main content area is titled 'PIATTAFORMA ESERCIZI > RISULTATO ESERCIZI' and displays a table of activities. The table has columns for 'ID', 'ATTIVITA', 'ASSISTITO', and 'DATA ESECUZIONE'. The footer of the application shows contact information: 'eresult tel. +39 0547 190 1264 - info@eresult.it - www.eresult.it'.

ID	ATTIVITA	ASSISTITO	DATA ESECUZIONE
112	Rilevatore Cognitivo	Luca Palumbo	21/03/2014 11:20:27
110	Rilevatore Cognitivo	Luca Palumbo	20/03/2014 10:07:52
109	Rilevatore Cognitivo	Luca Palumbo	20/03/2014 09:32:22
108	Rilevatore Cognitivo	Luca Palumbo	19/03/2014 14:43:27
107	Rilevatore Cognitivo	Luca Palumbo	19/03/2014 13:31:09
106	Rilevatore Cognitivo	Luca Palumbo	13/03/2014 18:05:54
105	Rilevatore Cognitivo	Luca Palumbo	13/03/2014 18:04:45
102	Rimando	Luca Palumbo	11/03/2014 15:08:01
101	Contasillabe	MARCO CARTA	10/03/2014 18:54:32
100	Memory	MARCO CARTA	10/03/2014 18:45:23
99	Memory	MARCO CARTA	10/03/2014 18:39:58
98	Rimando	Luca Palumbo	10/03/2014 12:31:46
97	Memory	Luca Palumbo	10/03/2014 12:22:15
96	Rimando	Luca Palumbo	10/03/2014 12:17:59
95	Rimando	Luca Palumbo	10/03/2014 12:16:18
94	Rimando	Luca Palumbo	10/03/2014 12:03:58
93	Rimando	Luca Palumbo	10/03/2014 10:09:20
92	Rimando	Luca Palumbo	10/03/2014 09:08:44
91	Contasillabe	Luca Palumbo	03/03/2014 11:49:39
90	Contasillabe	Luca Palumbo	03/03/2014 10:58:37

Application: single patient entry

Each entry has information about the patient, the time and value sent through the application. If the max level of pain is recorded an **alert message** is also sent to his/her caregiver.

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- Dati Attività Esecuzione:** A form with the following data:

ID **	112	Attività	Rilevatore Cognitivo
Assistito	Luca Palumbo	Età Assistito	
Data Esecuzione	21/03/2014 11:20:27	Numero Ripetizioni Attività	
Tipologia Feedback		Interattività Feedback	
- Parametri Input:** A section for input parameters with a table header 'Parametro'.
- Risultati Attività:** A table showing activity results:

Codice Indice	Descrizione Indice	Valore
PAIN_LEVEL	Livello Dolore percepito	5
MOOD_LEVEL	Livello Umore	5

The footer of the application includes contact information: 'eresult tel. +39 0547 190 1264 - info@eresult.it - www.eresult.it'.