



FP7 Coordination and Support Action to fund 50 technology transfer projects (TTP) in computing systems. This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement n° 609491.

TaTra: Supporting rehabilitation with end-user development of exercise content

Panos Markopoulos, Willem Fontijn, Henk Seelen, Daniel Tetteoroo

TTP Problem

- Aging of population and resource constraints make the traditional approach to rehabilitation unsustainable
- Rehabilitation requires a highly personalized approach
- Rehabilitation training can be tedious and repetitive
- Current technological solutions do not work without therapist supervision
- Technologies for rehabilitation are not task oriented, making transfer of skills to daily life difficult

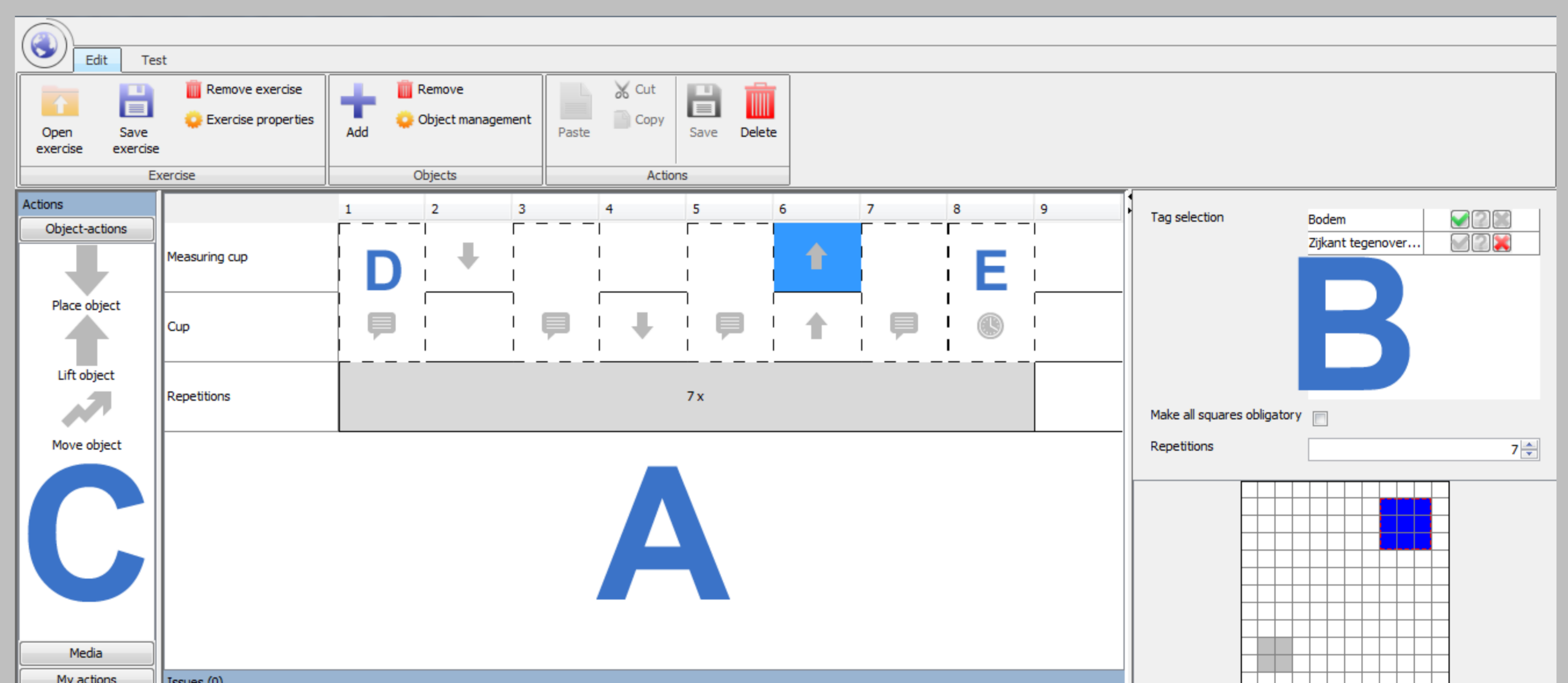
TTP Solution

TagTrainer is a platform that supports

- Gamification of training
- Development of highly personalized training solutions by therapists
- Use of every day objects to support the development of daily life skills

TagTrainer is a research prototype. TaTra will transfer this research result to SymbioTherapy by

- Supporting the distribution and independent installation of TagTrainer
- Supporting users of TagTrainer
- Identifying and fixing usability problems in use



TTP Impact

The TaTra project aims to

- Make TagTrainer available as a product
- Establish distribution channels for the product
- Present a first service of a tailorable home rehabilitation system using tangible technology

TTP Facts

Contact: Panos Markopoulos
E-mail: P.Markopoulos@tue.nl
TETRACOM contribution: 30,000 EUR
Duration: 01/09/2014-01/06/2015