



Ihr Partner für E-Learning und Kompetenzmanagement

Project-Presentation

RFID Rallye

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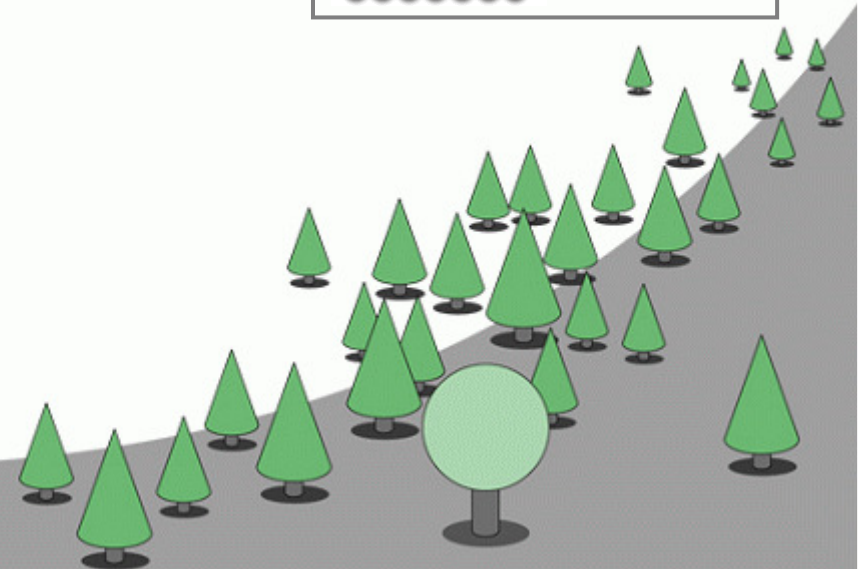
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Ein Unternehmen der Humance AG



Aachen, 19.10.2009



Agenda

- ▶ Company Information bureau42
- ▶ Background
- ▶ The project: RFID-Rallye
 - ▶ Idea
 - ▶ Procedure
 - ▶ Conditions / Requirements
 - ▶ Competencies



Company Informations

- bureau42 -



Foundation:

Founded in June 2002

Spin-Off of the Fraunhofer Instituts FIT

Awarded: Gründerwettbewerb Multimedia des
Bundeswirtschaftsministers 2002

Since autumn 2005: 100%-Sister of Humance AG



Business Content:

Technologies and services for e-learning with special emphasis on
authoring technologies.

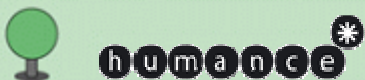
Gear organizational processes and innovative technologies to holistic
approaches.

Management:

Dr. Roland Klemke
Uwe Fischer

Location:

Köln



Background

- ▶ Previous Project with the aspect of „mobile maintenance“ with RFID-readable Windows Mobile Clients
- ▶ Adding a learning component for helping new employees getting to know their working environment
- ▶ Solution: **mobile learning game**



The Project

- Idea -

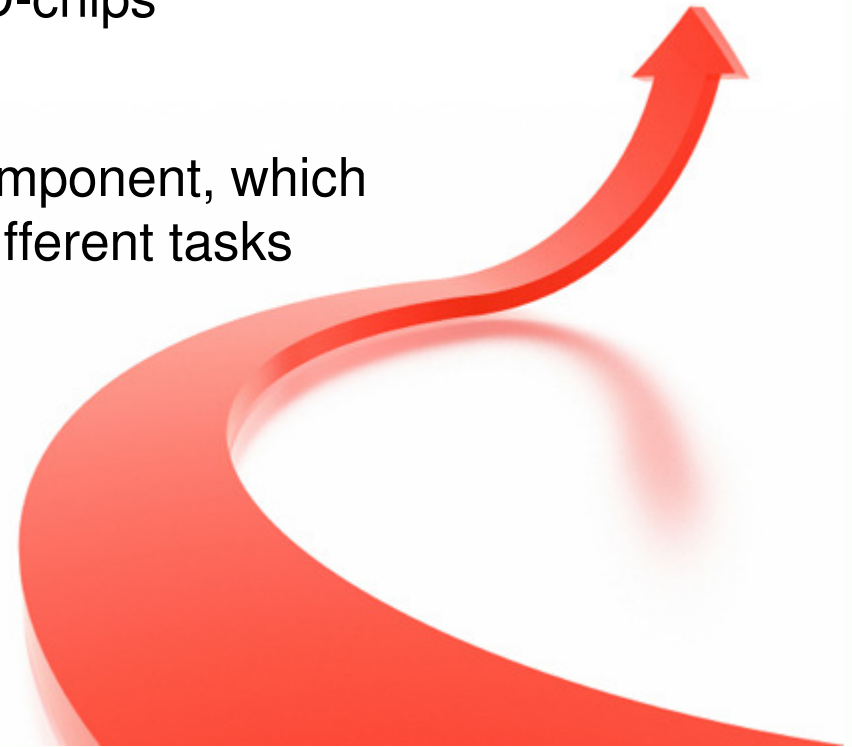
- ▶ Equip a site with RFID chips
- ▶ Players get mobile Clients for find and read the RFID chips
- ▶ Every chip delivers a task with effect on the game
- ▶ Winner is the team with the most points



The Project

- Procedure -

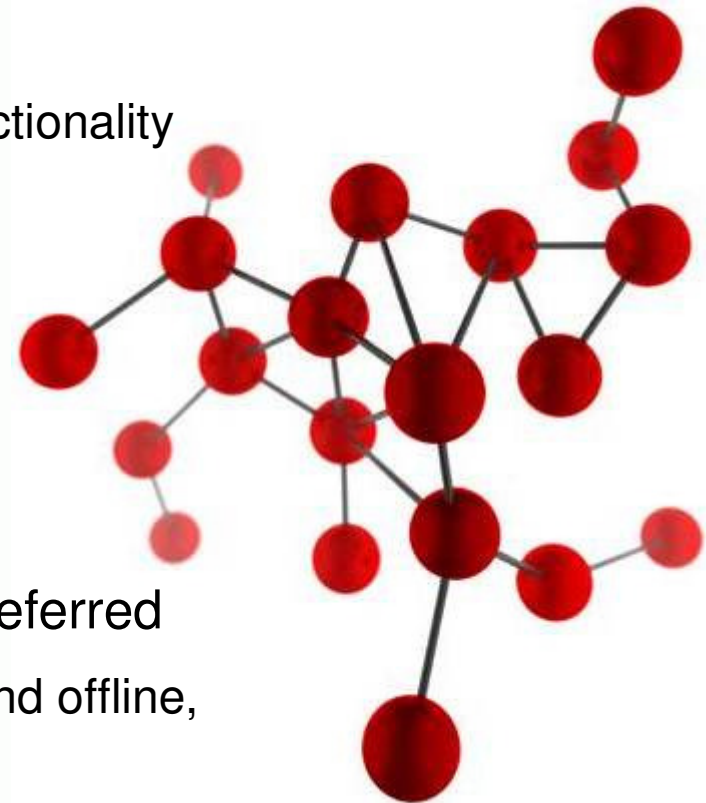
1. Elaboration of the game concept
2. Development of a backend-solution that can create games (tasks) and rewrite the RFID-chips
3. Development of the client game component, which can scan RFID-chips and handle different tasks



The Project

- Conditions / Requirements -

- ▶ You get:
 - ▶ 2 mobile devices with RFID-readable functionality
 - ▶ a couple of RFID-chips
- ▶ Modular building, so that RFID could easily be replaced by other techniques
- ▶ In general: Open-source technology is preferred
 - ▶ Client: The application should work on- and offline, Java-based
 - ▶ Backend: Web-based and as server Tomcat



The Project

- Competencies -

- ▶ Developer
 - ▶ Description/construction of workflows
 - ▶ Object-Oriented Design and Implementation
 - ▶ Database Design

- ▶ User Interfaces Designer
 - ▶ Flexible Graphical Design
 - ▶ Usability





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Thank you!

Questions?

