EXPLORE
A Gaming and Guiding System for Museum and Exhibition Environments

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EXPLORE Project Objective

- To develop a location-sensitive, interactive, guiding, infotainment and entertaining system for museum environments
- Locationing and communication based on Bluetooth
- Terminal device is visitor's own mobile phone
Interests of museums

• To raise attendance and attractiveness of museums and cultural exhibitions, especially among the youngsters.
• Providing new media for providing information on items
• Offering multi-lingual experiences thus offering better service for foreign exhibition visitors.
• Enabling the networking of European museums through Internet and between museum visitors
Project Consortium

- Nitro FX Oy, Finland
- ProcessWare GmbH, Germany
- Profium Oy, Finland,
- Experimentarium, Denmark
- City of Tampere, Rupriikki, Finland - trial site
- Tito Balestra Foundation, Italy - trial site
- VTT Industrial Systems, Finland
- Fraunhofer Gesellschaft/ISST, Germany

- Project co-sponsored by the European Commission, CRAFT-programme
- Duration: 1.2.2004-31.10.2005
EXPLORE-system concept

• In the museum a network of Bluetooth access points is installed
• An application is installed in the visitor's mobile phone
• Content is dynamically downloaded during museum visit
• Positioning and communication through Bluetooth
• Different experiences: virtual guide, games (trivia), information about museum
• Information for different age groups, interest groups, language
• Internet portal (registration, customer binding)
Trial Sites

Finland, Tampere:
• Media Museum Rupriikki, located in historical Kuusvooninkinen building
• Content:
  • old factory history and building elements
  • media museum

Italy, Longiano:
• foundation Tito Balestra in Longiano
• large collection of 20th century art
• located in medieval castle
EXPLORE application on mobile phone

- Installed at the mobile phone at entry of visit
  - automatic transfer of application when phone is kept near to access point
- Explore guides visitor and retrieves dynamically location-sensitive information
- Developed for Symbian phones with Series 60 platform
Location-sensitive information
Game: Trivia

Info

More information
Select
Show map
Trivia
Main page
View score
View high score
Exit

Select  Cancel

Tietovisa

Ketkäaksi herra ostivat tehtaan James Finlaysonilta?

a) Rauch ja Frenckell
b) Nottbeck ja Idestam
c) Nottbeck ja Rauch

Skippaa

Valinnat  Takaisin
EXPLORE Internet Portal

www.explore-museums.com

• Purpose:
  • Improve customer relations
  • Development of internet museum community

• Functionalities:
  • profile creation and management
Design of Content for Explore system

- Purpose: easy-to-use tool for exhibition designer to develop content
- Web based wizard