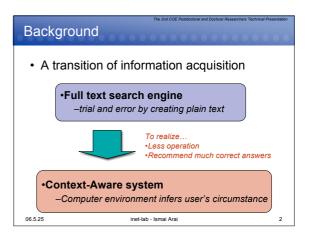
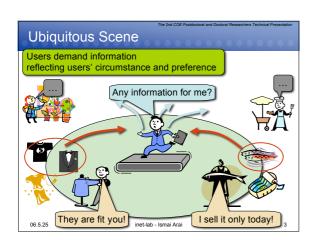
Design and Evaluation of Items Recommendation mechanism on a distributed agents environment

Ismail Arai
Internet Architecture and systems Lab. D3

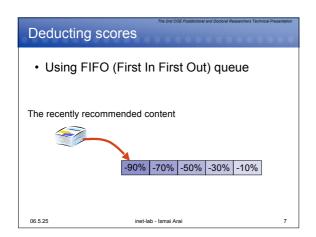


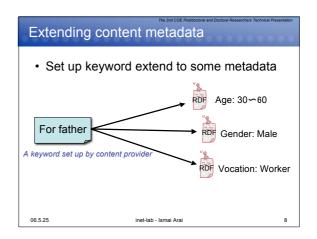


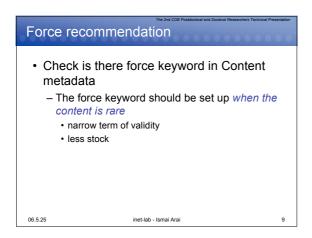
Provided Presentation

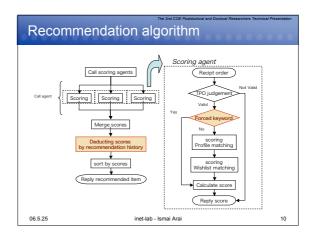
Related works 1. A Context-Aware Personal Agent (Hattori '02) 2 Proposing best algorithm for mobile agent in a Context-Aware system Privacy safe Δ 0 circumstance 0 0 2. Knowledge-Filtering Agent preference 0 Δ (Takenouchi '05) Recommending information by TPO+P (Time, Position, Ocassion + Personalization) no repetition Χ Χ no labor Χ Χ match making forced Χ Χ recommendation 06.5.25 inet-lab - Ismai Arai

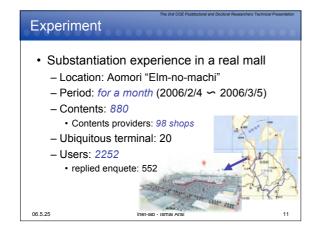
Deducting scores by referring recommendation history
 – solve repetition problem
 Extending content metadata from few keyword
 – solve labor problem
 Setting up forced keyword
 – solve providers' requirement

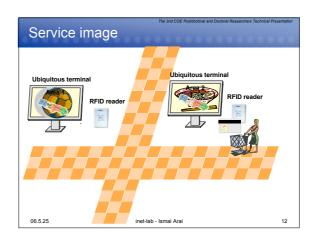




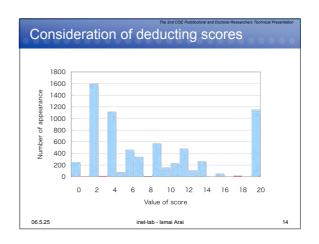


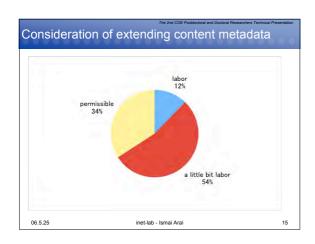


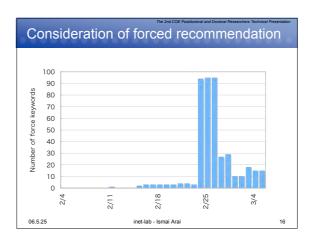












Summary • In ubiquitous environment - Users demands information reflecting users' circumstance and preference • Requirements in each positions - Users side - Contents providers side • Suggesting three mechanisms - Deducting scores - Extending metadata - Forced recommendation