MADiMAN

Multimedia Application for Diet MANagement

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Scenario

- Green Economy
  - The food is Cool
  - Health and wellness
  - Persuasive Messages: Parempi valinta
- Ubiquitous computing
  - Human Computer Interaction
- Artificial Intelligence is among us
  - Natural Language Processing: Watson
  - Automatic Reasoning: Roomba, Farmer
3 User Interaction situations

- Restaurant
- Mensa
- Hospital
Service Architecture

1. APP

Recipe

DB users

DB recipes

2. DietManager Service

3. NLU/IE Service

4. Reasoner Service

5. NLG Service
MADiMAN Team

- University
  - 2 A.I. Researchers
  - 1 Nutrition Researcher
  - 2 students
- Private Companies
  - App Design
  - NLP
  - Cloud Architecture
Core Technologies

• Artificial Intelligence for diet management
  • NLP for recipe analysis
  • Automate Reasoning about diet and recipes
  • Persuasive multimedia NLGeneration
• Cloud Architecture
The Market

- **Diet**
  - ~10k APPs
  - Free -> ... -> 2€ -> ... -> 7€

- **Food Enterprises**
  - Exki
  - McDonald's
The **real** competitors

- DailyBurn  Lose It!  MyNetDiary AlowGI Diet WeightWatchers

* Dizionario Alimentare...

- **Project strengths:**
  - AI for food-diet analysis

- **Project weakness:**
  - AI for food-diet analysis
  - Market presence
Request For Comments!
Thanks!

http://di.unito.it/madiman

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