

Future Internet: new Health Service scenario

Intelligent Meal Planner Services

- Nutritional knowledge.
- Search and optimization techniques.
- Customers parameters (age, height, weight, sugar level, blood pressure...).



Nutritional Corp

Ontologies:

- Food, room/space.
- Timetable.

Publish-Discover semantically annotated services

Compose services

Future Internet

Available menus (and costs) service

Available room and time table service

Reservation service
Restaurant A

Route Planning Service

Maps Company

1 Weekly meal planning service

Taking into account the customer's diseases and parameters. The customer, at home, receives the weekly menus through the TDT, PC or PDA screens.



2 Restaurant and menu recommendation service

Taking into account: the weekly plan, the customer's preferences (prices range that he/she would pay, walk or use his/her vehicle, maximum travelling time), his/her current location or a defined destination area or city.

Discovers semantically annotated services: restaurants services, route planning services.

Makes use of the information sent by the selected services, Nutritional Corp suggests a menu and a restaurant to the customer (via a PDA/ mobile phone, PC,...)

Finally, when the customer accepts the solution found, the service sends the route

