

# NOTICE!

- These materials are prepared only for the students enrolled in the course Distributed Software Development (DSD) at the Department of Computer Science and Engineering, University of Mälardalen, Västerås, Sweden and at the Faculty of Electrical Engineering and Computing, University of Zagreb, Croatia (year 2011/2012).
- For all other purposes, authors' written permission is needed!
- The purpose of these materials is to help students in better understanding of lectures in DSD and not their replacement!

# Distributed Software Development

SmartCart Team

## Project Vision



# Team members

- MDH
  - Luka Božić
    - Project leader
  - Igor Czerwinski
    - SVN coordinator
  - Ali Shahid
  - Bin Wu

# Team members & Supervisor

- FER
  - Filip Gvardijan
    - Team leader
  - Ivo Štimac
  - Željko Brdarić
- Supervisor
  - Juraj Feljan

# The SmartCart story

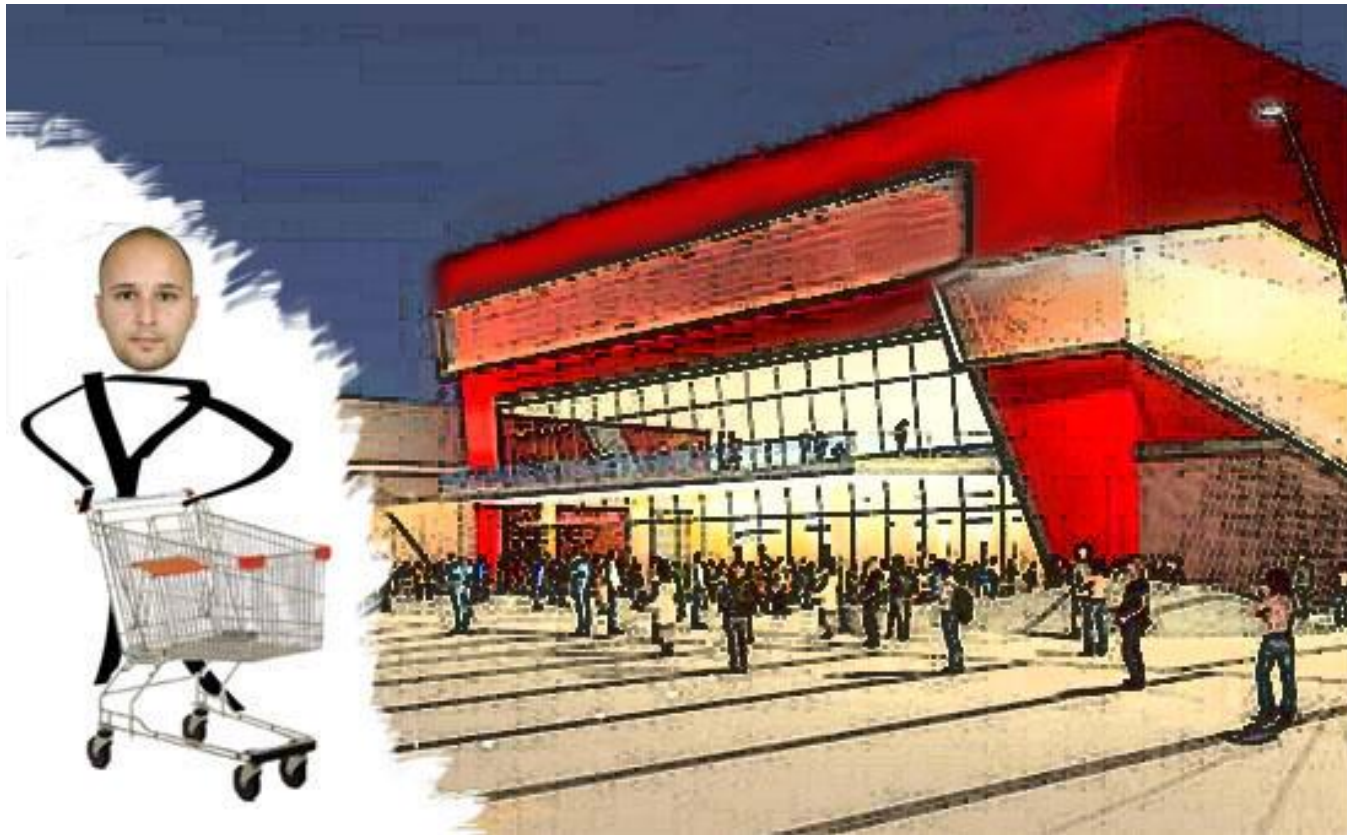
- This is Juraj



- Juraj likes shopping



- Juraj likes to buy products where they are cheaper



- Juraj sometimes forgets what he wanted to buy





- Juraj can't always find the store with the products he wants



- Juraj likes SmartCart. He's happy! :D



# What is SmartCart expected to do?

- Accept Juraj's wish list of groceries
  - Shopping list
- Search for a particular product Juraj wants and list all the stores that have this product
  - List of stores
- Help Juraj find the closest/cheapest store with the groceries
  - Display on a map
- Allow Juraj to inform SmartCart about new products/prices
  - location and price
- Scrape official stores Web sites for
  - products prices
- etc..

# What SmartCart is not?

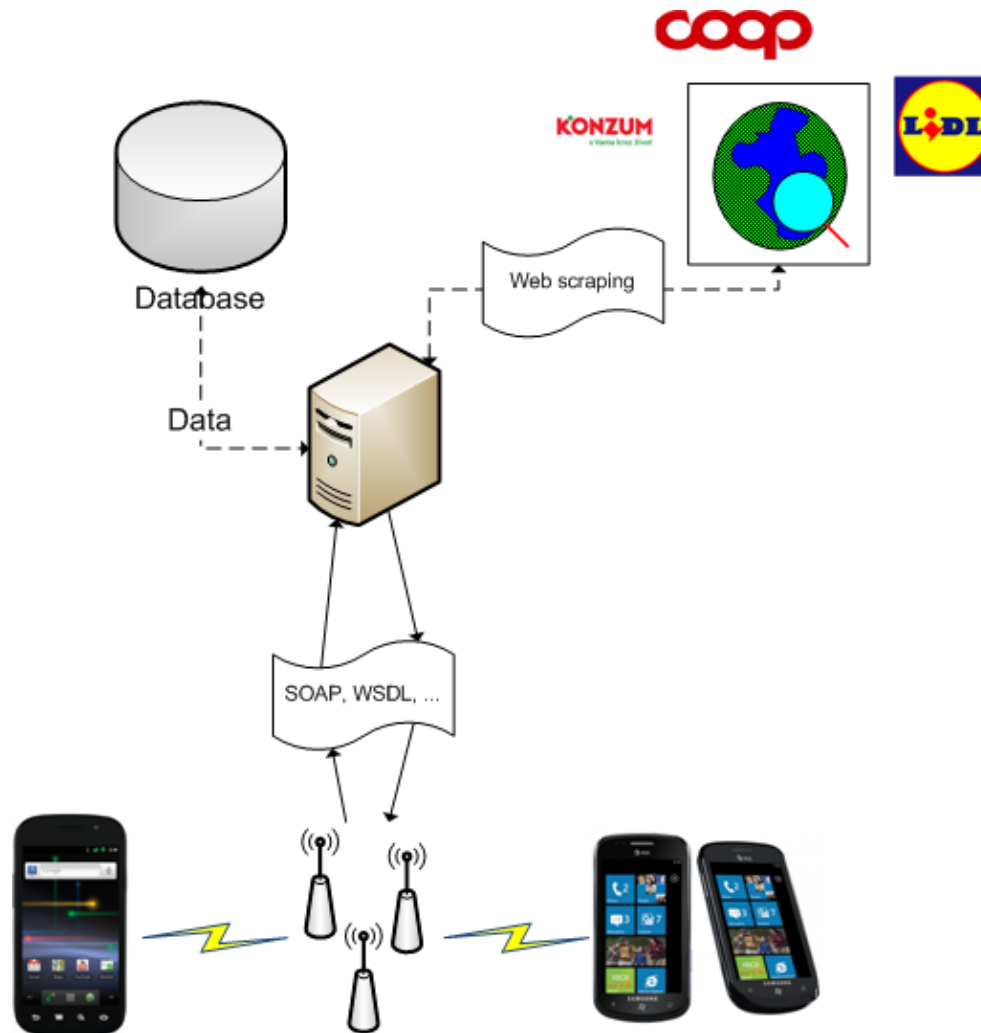
- an application for purchasing products
- an application used for any sort of shopping
  - it only tracks groceries



# Tools/Technologies

- Client side - Android Java (Eclipse + Android SDK plugin)
- Additional possibility - Windows Phone 7
- Server side - Java/C#
- Database - MySQL
- Web services

# High level architecture



# Communication channels

- Weekly meetings
  - additional meetings as needed
- E-mail
- Google Groups
- Skype
- Dropbox

