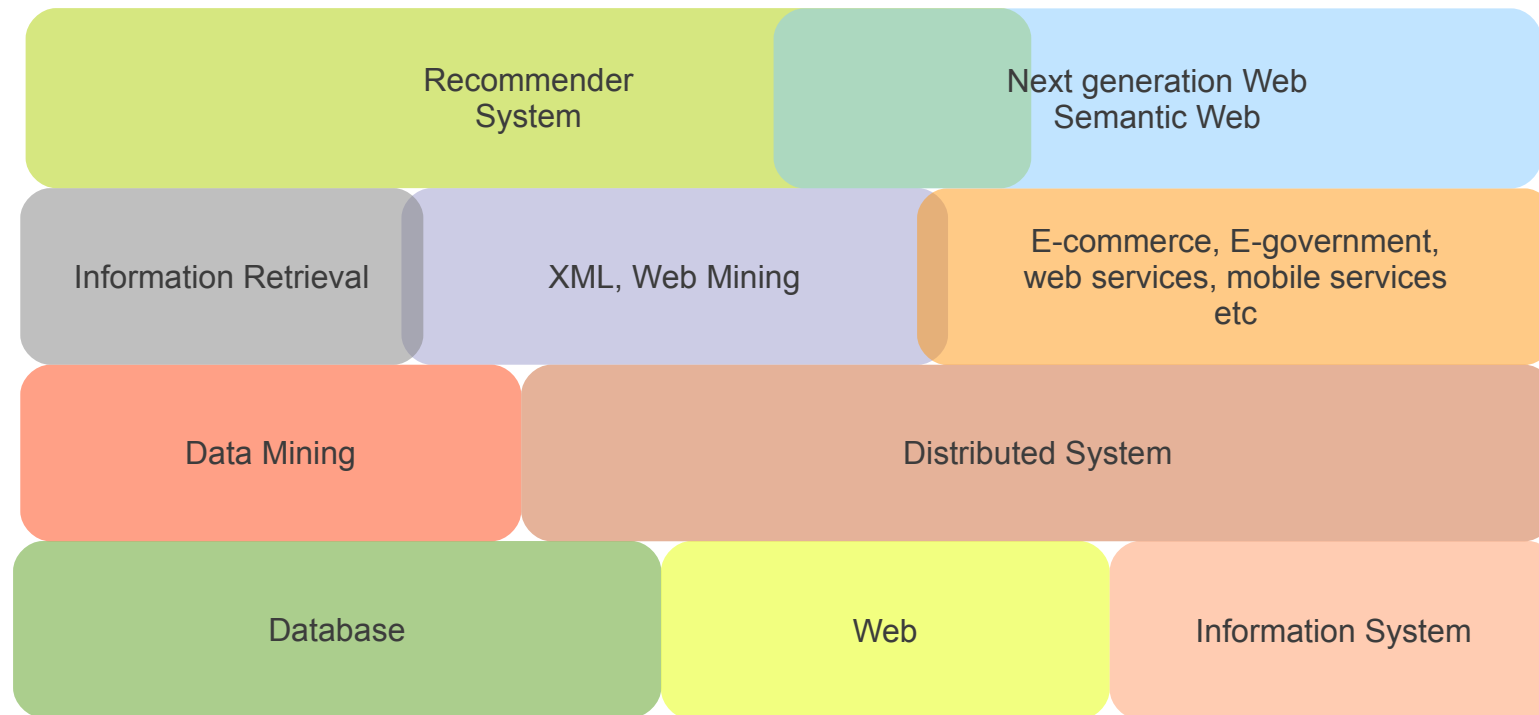


My Research Interest

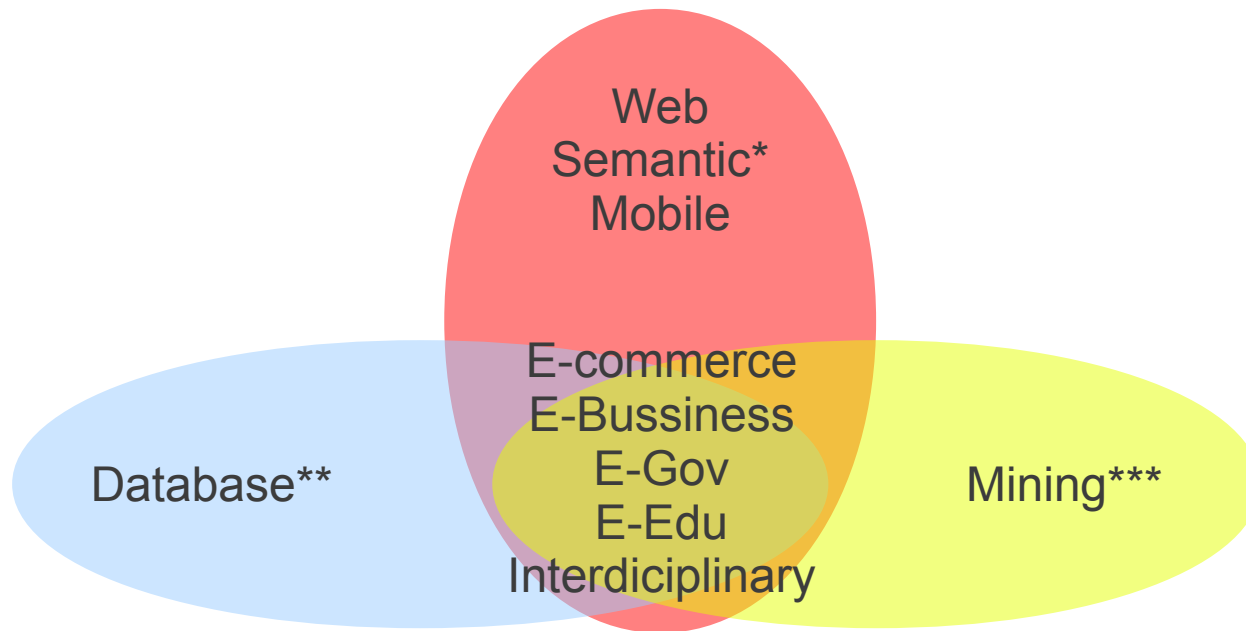
by: DWW

a member of Information System Group
of Informatics Department
Sebelas Maret University

IS's roadmap (draft)



Mine



* Web, Mobile deployment

** Structured Data, Integration Data

*** IR, Web Mining, Data Mining

Simple aims

- Novelty idea, creative (eventhough the simple one)
- Usefull (nearest → Indonesia, linked to others)
- Get involved to Informatics Society (write,speak,join)

Simple Research Habit



Web

- Web going to Intelligent one
- Put intelligent technology to web or mobile web
- Automatically tagging of Web Content. Web isn't lack of content just lack of semantic (meaning)
- Close URL as close meaning of website by meta information
- Close meaning of website by their content
- Intelligent Web for Business, Commerce, Education etc

Database

- Data Integration between unstructured, semi structured and structured data
- Information integration
- Structured information from unstructured information (automatically tagging)
- Metadata based on focus of question and domain
- Data integration for Business, Commerce, Education etc

Mining

- Metadata and structured information to improve mining, summarization
- Metadata to improve searching
- Automatically knowledge extraction
- Semantic to enrich meaning of search
- Mining for Business, Commerce, Education etc

Beberapa Judul

- Pengembangan Automatic Text Summarization Berbasis Graf dengan Fitur Tag HTML dan Metadata
- Menemukan Data Terstruktur dari Data Tidak Terstruktur untuk Digunakan pada Question Answering
- Pengenalan Pola Data Yang Mempengaruhi Kualitas Kelulusan Mahasiswa Menggunakan Algoritma Apriori Dan FP-Growth

- Pemanfaatan Olap Untuk Sales Forecasting Dalam Pembuatan Sales & Operation Plan Produk Buku Cetak
- Menggali Kaidah Asosiasi Positif dan Negatif Menggunakan Algoritma Apriori dan Analisis Korelasi Cosine
- Model Ontologi Untuk Tanaman Obat Indonesia (Ethnomedicine) dan Ethnobotani

Some ideas

- **Deteksi Spam Twitter**
- Linked Open Data (LOD) lewat Twitter untuk support data pangan guna pemotongan biaya distribusi → ext otomatisasi proses. Smart agent
- **CMS E-Commerce dengan Semantic Tagging**
- Generate Question dari dokumen-unstructured data (buku)
- LOD RDBMS ke RDF untuk e-government

Get involved

- LinkedIn
- Researchgate
- USU, ITB, UI → open digilib