

DB Project 1: Requirements Analysis

23 Sep. 2014

Course name: Database Systems

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This project is to **analyze the requirements** of a DB for a given application. You can refer to the related contents for this project in our textbook. (pp.411~413)

1. What is ONLINE MARKETPLACE?

An online marketplace provides the product and inventory information from multiple third parties. Online marketplace is the primary type of multichannel ecommerce.

In an online marketplace, consumer transactions are processed by the marketplace operator and then delivered and fulfilled by the participating retailers or wholesalers (often called drop shipping).

(source: http://en.wikipedia.org/wiki/Online_marketplace)

For example, there are various ONLINE OPEN MARKETPLACE in Korea such as Gmarket, Auction and so forth.

2. Constraints

You should deal with the following **ESSENTIAL entities and tasks** in your project.

- **Entities:** Customers, Sellers, Products, Orders
- **Tasks**
 - *Sellers post products*
 - *Customers search for products*
 - *Customers order products*
 - *Customers rate products*

Also, you can add other entities or tasks for the online marketplace. You may get more grading points if you consider additional entities and tasks.

3. Report

You should write **a report (*.HWP, *.DOC) on this project** in English and submit it to HY-in.

- The conventions for the file name
 - **{class name}_{student number}_{student name}_P{project number}.HWP or DOC**
 - Class name
 - ✓ **A:** Mon 1:30~3:00pm, Wed 1:30~3:00pm class
 - ✓ **B:** Mon 3:00~4:30pm, Wed 3:00~4:30pm class
- (Ex) A_1234567890_YeonChangLee_P1.HWP

You can refer to the lecture slides (DB03.pdf: pp.5~8) as an example of the report.

4. Due date: 29 Sep. 2014, 24:00

- Penalty for late submission
 - 1 week delay: 20%
 - 2 weeks delay: 35%
 - 3 weeks delay: 45%
 - 4 weeks delay: 50%
 - Delay more than 4 weeks: 100%