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Date: 05/17/2010

Purpose: Internship in CIS, Report 4, from 04/30/2010 to 05/15/2010

Objectives for the report:

1) Create and Use MySQL view.

2) Combine two tables using MySQL view

3) Display product based on MySQL view.

Summary:

This week I started working on the database part of the ecommerce website. As team decided to use view to combine the user tables and the master table based on the product SKU. At first I tried to use PHP script to create such table, as there are some of the built in PHP function which can be used. But later we decided not to use PHP script because it would consume more serve resource and make processing really slow. Instead decided on using the MySQL view, doing so would divide pressure between database server and application server.

In this view the rows with same product SKU were merged in such a way that the information from matching product SKU from master table is shown first. Then the rows from the user table where product are not matching are shown later on. After the view was created, the PHP script is use to query the view. Querying the view is as same as querying the table, only the difference view is more like virtual table which is only created if needed.