

CSCI 3342 Internet Programming

Project Stage 3: Website Data Tier

Instructor: Artem Chebotko

Assigned on: September 1, 2009

Due on: See the course webpage

Description: The third stage of the Project consists of the following tasks:

1. Identify which part of the website content will be stored in a database.

For example, you may choose to store links to video tutorials and keywords that describe them in a database.

2. Design a database and implement it in MySQL.

Since this is not a database course, a couple of tables will be sufficient. Describe the tables and provide SQL CREATE statements for them to be created in MySQL.

3. Populate your database with meaningful content.

Describe what rows you would like to insert into each table and provide the corresponding SQL INSERT statements.

4. Define the use of your database.

Describe what data from the database needs to be retrieved to generate webpages? Provide the corresponding SQL SELECT statements.

5. Write a Java program that connects to MySQL and executes the SQL statements.

This should be a simple program that executes all the designed CREATE, INSERT, and SELECT statements using JDBC. It does not have to be a program accessible through the Web.

Submission: Submit your solutions to the tasks via the blackboard.

Grading: Tasks 1, 2, 3, 4, and 5 receive 20 points each (100 total, if solved correctly). The best solution (one team) receives 5 extra points.