Web Programming 1ˢᵗ Lab Test

Duration: 90 minutes

Part 1: Submission guidelines

A. Student must submit the source code via the ClassRoom
B. Naming convention of the source code that is listed as follow: [Student ID]_[Student Name]_[1ˢᵗ Lab Test].zip/rar. Ví dụ: 123456_NguyenVanTeo_1stLabTest.zip/rar

Note: In case of detecting any students copying each other's work, they will receive a score of 0.

Part 2: Questions

Question 1 (5 points): Creating a registration page as shown in Figure 1. After the user clicks the '**Register**' button, their information will be displayed on the '**Registration Information**' page.
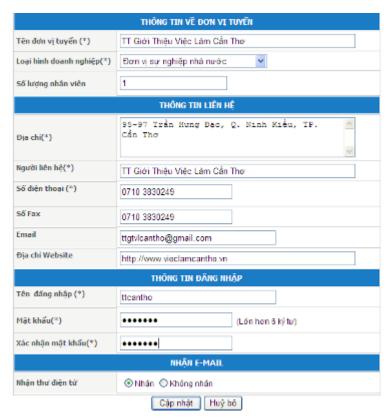

Figure 1: Layout "**Registration Information**" page

Students need to complete the following requirements::

1. Create a registration form as shown in Figure 1 (2 points).
2. Create a page to display the submitted information (2 points).
3. The form should validate input data (1 point).

Question 2 (5 points): Using the QL_BaiHat database in the Resource directory, students are required to perform the following tasks:

1. Students should establish a database connection using ADO in MVC (1 point).
2. Using the ADO library in MVC, students should retrieve data from the Song table in the database and display it on the "SongInformation.cshtml" View (2 points).
3. Using the ADO library in MVC, create a View to add a new genre to the database. Implement the functionality for the "Add New" button, where the new genre information entered by the user in the form will be added to the Genre table in the database (2 points).

END