

CST 226-2 Web Application Development

Spot Test (Practical)

Duration: 1 hour and 15 minutes

Instructions:

Create a new project in NetBeans IDE named with your group number. (E.g.: **spot_test_CSTgroupA**)

Upload the zipped project to the given link in the VLE (one submission from each group).

1. Design an HTML page as shown below, for a simple user registration. (Note: 'Mr.' should be selected as the default title and only the numbers can be entered for age.)

User Registration Form

Title: ☒ Mr. ☐ Ms. ☐ Rev.
Name with initials:
NIC:
Age:
Contact no.:

2. Create another form as '**register.php**' to display the entered data as follows.

Entered user details

Title: Mr.
Name with Initials: A.B.C. Perera
NIC: 123123123v
Age: 20
Contact No.: 0719123123

3. Create the DbConnector class using PDO in an appropriate manner.
4. Create a database in MySQL server and create the '**user**' table using the following SQL command.

```
CREATE TABLE user (  
    id int(11) PRIMARY KEY NOT NULL AUTO_INCREMENT,  
    title char(4) NOT NULL,  
    nameini varchar(40) NOT NULL,  
    nic char(12) NOT NULL,  
    age int NOT NULL,  
    contactno char(10) NOT NULL  
);
```

5. Within the same **register.php** page write the php code to save the user inputs to the database using the prepared statement approach. (Note: Use validations and other security measures as much as possible before inserting data to the database.)
6. If the information is successfully saved to the database, display a message to the user saying "**The above user details inserted successfully.**"
7. For any errors during this process, inform the user with a "**Registration failed**" message.