Centennial College

CENTENNIAL COLLEGE PROGRESS CAMPUS

COURSE COMP229 Winter 2017 – Final Exam

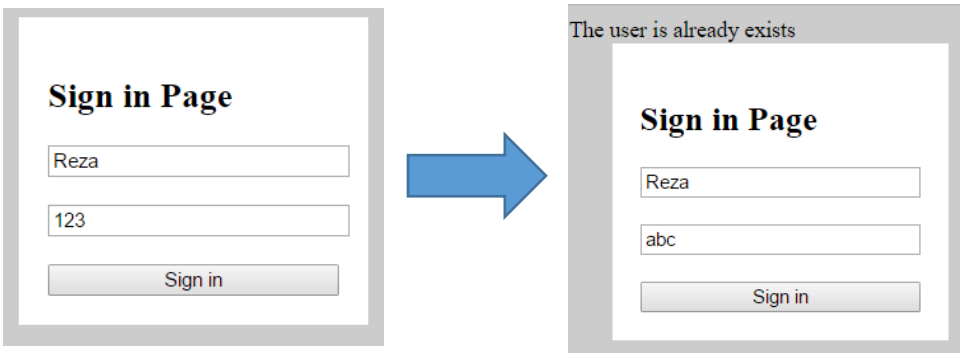
Marking Scheme:
Each implementation step: 3 marks
Each question: 2 marks
Totally 26 marks out of 25 (1 mark is bonus) + 3 bonus marks for step 7 at implementation (potentially 29/25)

Implementation

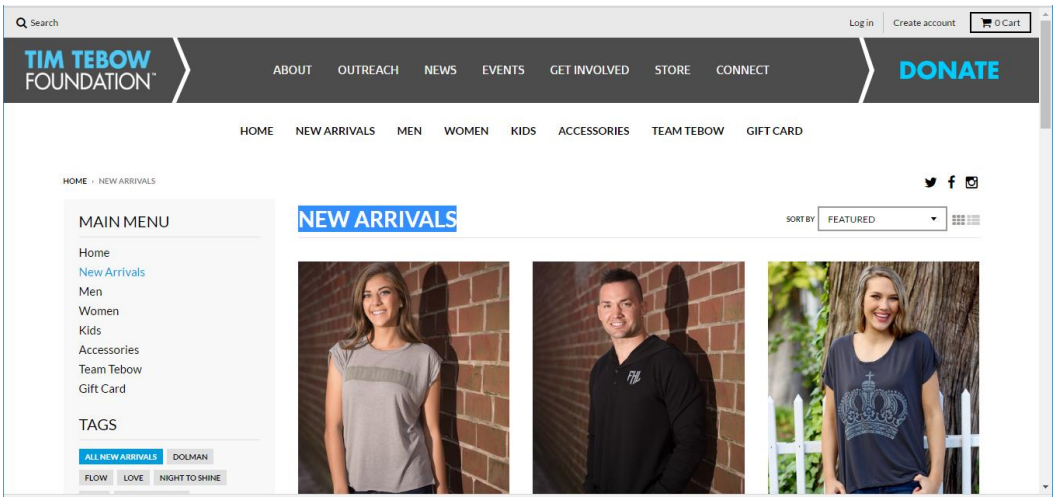
Implementation steps:

The idea of this implementation part is to rebuild a quick version of your term project.

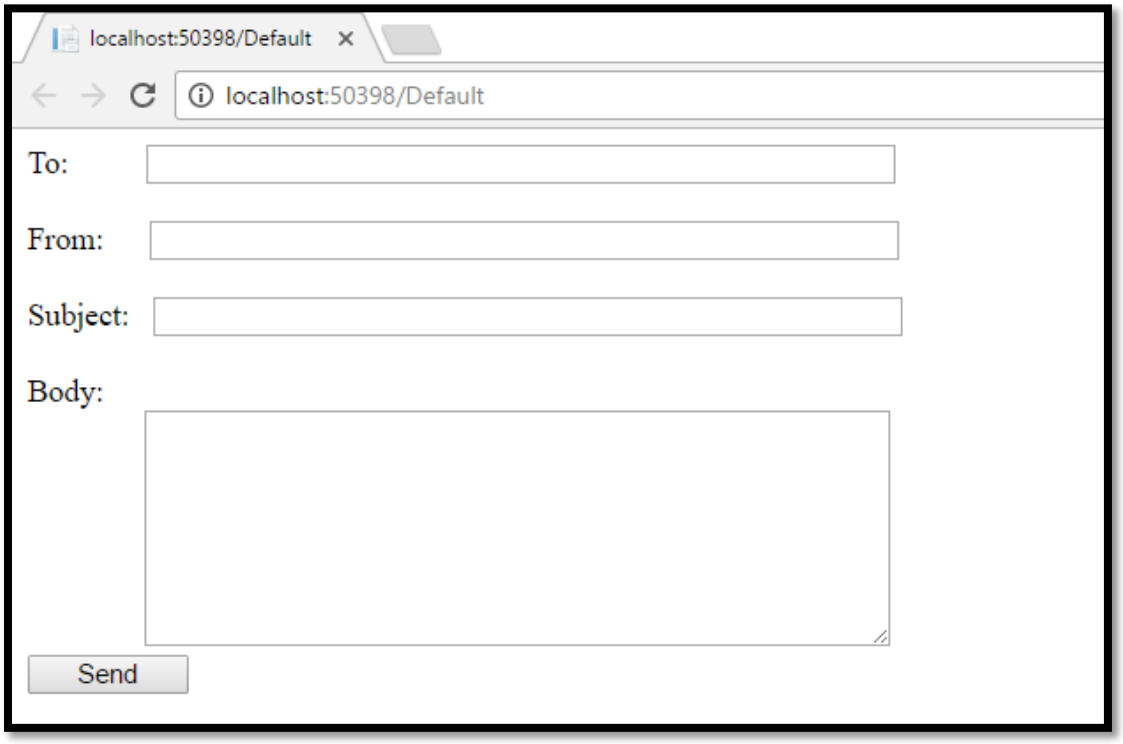
1- Provide a default webpage that has the main elements of your term project. Use the same theme, CSS, or Skin.
2- Define a master page that contains header, menu and a content section. Define an appropriate image for the header and the menu items.
3- Your menu should have at least 4 items in two level. You are allowed to use the following items or your own projects menu.
    a. Home
    b. New Arrivals
    c. Men
    d. Women
    e. Gift Cards
        i. Point Cards
        ii. Credit Cards
4- Create separate aspx file for each item in the above menu (or your website menu)
5- Create a login and create account icon on home page that stores and retrieves the username and password in/from the relevant table in the MS SQL Express. The following is the minimum that you should have on your page.



The following format is just a suggestion, and you can provide login and create account icons anywhere else or follow your original website design.



6- Protect your login and create account items from SQL Injection. Explain how your method can protect the database from any potential attack?
7- (Bonus for implementation part) Add a contact icon on your webpage to facilitate sending email to you.



NOTE:

Define each step of the above sections separately in your MS Word Document.

Questions

Please answer 4 questions out of the following 5 questions:

Question 1:

a) How should we open and close connection strings? b) Why we should use try catch when we open any connection string. c) Is there any way that we can eliminate the closing part, yet be sure that the connection is closed?

Question 2:

Why the return type of the ExecuteNonQuery is integer?

Question 3:

What is the use of defining the connection string in Web.config rather than using it in each page separately?

Question 4:

Name two different places that we can use “using” in ASP.NET:

Question 5:

Explain about application state, session state and cache object. Explain the cases that we should use any of these types. What can we use instead of cache object between application state and session state?

All my best, and wish you the best of luck ☺
Reza

“Exams test your memory, life tests your learning; others will test your patience.”
~Fennel Hudson