

## IS 4880 Midterm - 40 points

The following requires you to create an application called ksucomedy that includes a masterpage and 3 additional webforms, and a database with 1 table. All forms should have title tags, image attributes etc. All pages should use good web design.

### Rubric:

1. Application opens in Visual Studio 2012 – unzips properly and loads - no load no points
2. Website appeal /look & feel
3. Accuracy of requirements of functionality
4. Application runs and produces the correct outcomes – calculates correctly, database works, buttons work etc.

### Details:

1. Create a website ASP.NET application called ksucomedy. This is a website that is about KSU Comedians. (10 points)
  - a. Add an images folder , css folder to the application.(HTML5, CSS, ASP.NET)
  - b. Create a CSS layout for your design on the comedymasterpage. Include a header and footer, main content area etc.
  - c. Add a simple navigation using <nav> tag. Style with an external CSS. (Home , Jokes, Tickets, Comedians). All navigation should be linked to the other pages in the application.
  - d. Add at least 2 images use alt and title attributes.
  - e. Define title tags for all pages.
  - f. Only 1 content placeholder is needed which will be for the main content.
2. Create the Jokes Page from the Masterpage called Jokes.aspx- (10 points)
  - a. A joke typically has two parts: a setup and a punchline. For example, this might be a setup for a joke: How many programmers do you need to change a light bulb? And this is the punch line: None. This is a hardware problem. Think of your favorite joke and identify its setup and punch line.
  - b. Webform should include: a label and two buttons on the form. One of the buttons should read “Set Up” and the other button should read “Punch line”. When the Setup button is clicked, display the joke’s setup in the label. When the punch line button is clicked, display the joke’s punch line in the label.
3. Create a webform that lets the user enter the ticket cost for the comedy events called Tickets.aspx from the Masterpage. (10 points)
  - a. The program should then display the total monthly cost of these tickets and a summary of the tickets purchased, date, time, who is performing and cost per tick and then total.
  - b. Webform should have the following:

- i. Dropdown box with at least 5 events. User will choose the events.
- ii. Dropdown box for the number of tickets to purchase.
- iii. Type of ticket: Gold – \$20, Silver \$15, and Bronze \$10
- iv. The user should be able to choose any combination of tickets.
- v. Label for the subtotal, tax, and a \$5 booking fee.
- vi. Validate the controls.
- vii. Write the code to calculate the total.
- viii. Label called `lblMessage` that displays the summary.

4. Create a Webform named `Comedians.aspx` that uses the Comedy database that you create. The database will have one table called `Comedians`. The database includes ID, First Name, Last Name, Full Time/Part Time, Hire Date and Rating (Excellent, Good, Fair). Add at least 5 comedians. (10 points)

- a. Use a `DataGridView` Control and display the records(all the information) from the table. This is displaying directly from the table. Allow the user to add, edit, and delete records (update, delete,insert).
- b. Use a Details View Control and display the lastname and rating using a **Dataset**. You will have to create the query using a table adapter. Copy the website and zip. `Lastnamemidterm.zip`