CS 275: Web Programming
Programming Assignment 1
January 15, 2014
Due: January 22nd, 2014 before the beginning of the class period

For this assignment, you will create a 'Survey' web system that allows the user to automatically create survey questions, submit survey questions, and list all survey answers saved thus far.

All of the files for this assignment will be located in a directory. The name for the working directory for your project is you AU user ID. All survey results should be kept in a subdirectory called '**files**'. For example, user John Smith might have a working directory called '**jsmith6**', with survey results stored in '**jsmith6/files**' directory.

First, create page called 'Welcome.html' which contains two menu options: 'Create new survey' and 'View all survey answers'.

If the user clicks on the 'Create new survey' option, they will be directed to the page called 'CreateSurvey.html'. This page contains a form that allows the user to input their name, their age, and choose from a pull-down menu a number of survey questions to be created, with a minimum of 1 question and the maximum of 5 survey questions. After the user submits the form, a PHP script called 'Survey.php' will process the info and create a survey containing the info input by the user with the exact number of questions specified by the user. Each question is a multiple choice question with the following options: *Strongly Agree*, *Somewhat Agree*, *Disagree*, and *Strongly Disagree*. After the user fills out the survey and submits their answers, the answers will be saved in a text file called 'SurveyResults.dat'. The results of saving the survey answers will then be displayed on a page called 'Confirmation.php', which will have a button that will take the user to the main 'Welcome.html' page.

If the user clicks on the 'View all survey answers' option, a script called 'ViewAnswers.php' will display all of the survey answers that were saved thus far in a readable manner. At the bottom of this page there will also be a button that will take the user to the main 'Welcome.html' page.

Please make sure that your code is clear, well formatted and commented. Please make sure that web pages are aesthetically pleasing. Please follow the naming conventions specified in this document.

Furthermore, please make sure to implement error checking so that the user cannot submit incomplete or incorrect information, and signal an error in case that the user attempts to submit any incorrect information.

Turn In Procedures:

In addition to an electronic copy of your assignment, please turn in a printout of your source code. We will discuss the exact turn in procedures in class.

Please "compress" the whole folder containing your files into a single '.zip' file that contains your name and the assignment number.

Please make sure that I receive your assignments before the due date and time. Late programming assignments will be accepted for 24 hours after they are due and will be penalized by a 50% deduction. No assignments will be accepted after the 24 hour period expires.

Welcome (welcome.html)

Welcome! Please choose one of the following two options:

[Create new survey] [View all survey answers]

CreateSurvey.html

Please fill out the followng information:

Name: [Bob Smith]
Age: [29]

How many questions: [3 ▾]

[Submit]

Survey.php

Welcome. **Bob Smith**.

Your age is **29**.

You chose to create **3** survey questions. Here are your survey questions:

Question 1 : Strongly Agree ○   Somewhat Agree ◉   Disagree ○   Strongly Disagree ○

Question 2 : Strongly Agree ◉   Somewhat Agree ○   Disagree ○   Strongly Disagree ○

Question 3 : Strongly Agree ○   Somewhat Agree ○   Disagree ○   Strongly Disagree ◉

[Submit your answers]

Confirmation.php

Your answers have been successfully saved!

[Go back home]

The following are all saved survey answers:

1. Bob Smith (age 29).

Q1: Somewhat Agree

Q2: Strongly Agree

Q3: Strongly Disagree

2. John Brown (age 46).

Q1: Disagree

Q2: Strongly Agree

Q3: Strongly Agree

Q4: Strongly Disagree

Go back home