### **CSC 2410 Web Programming**

### **Chapter 5 Lab**

### **Objectives**

- Understand file types and permissions
- · Work with directories
- Upload and download files
- Write data to files
- Read data from files
- Open and close a file stream
- · Manage files and directories

### Part 1: Bowler Registration

- 1. Create a new document in your text editor.
- 2. Add the essential html tags like <!DOCTYPE html></html>, <head></head>, and <body></body> in order.
- 3. Add the appropriate HTML comments using the html comment symbols.
- 4. Create a document with a form that registers bowlers for a bowling tournament. Use a single text file that saves information for each bowler on a separate line. Include the bowler's name, age, and average, separated by commas. Ensure that the labs directory has read and write permissions for everyone.
- 5. Validate the inputs that all three fields are required and the age must be positive integer number, the average must be greater than 0 and less than 300.
- 6. File writing capability must be checked before storing into the text file.

### **Sample Output:**

## **Enter your information below to sign up for the tournament**

| Name:    |   |
|----------|---|
| Age:     |   |
| Average: |   |
| Submi    | t |

### After Clicking "Submit" button without filling anything.

You must enter your name.

You must enter your age.

You must enter your average (enter 0 if you don't have one).

Click your browser's Back button to return to the Bowler Registration form and fix these errors.

After clicking Back button.

# **Enter your information below to sign up for the tournament**

| Name:    | Smith |
|----------|-------|
| Age:     | 35    |
| Average: | 160   |
| Submi    | t     |

### After clicking Submit button.

Thank you for registering!

- 7. Add the appropriate PHP line comments and/or multiple line comments.
- 8. Save the document as BowlerRegistrationYourlastname.html by replacing Yourlastname with your real last name and RegisterBolwerYourlastname.php by replacing Yourlastname with your real last name.
- 9. Save the output document as blowers.txt.
- 10. Verify the program with your local web server.

### Part 2: Reunion Picture Uploader

- 1. Create a new document in your text editor.
- 2. Add the essential html tags like <!DOCTYPE html></html>, <head></head>, and <body></body> in order.
- 3. Add the appropriate HMTL comments using the html comment symbols.
- 4. Create a Web form for uploading pictures for a high school reunion. The form should have text input fields for the person's name and a description of the image, and a file input field for the image. To

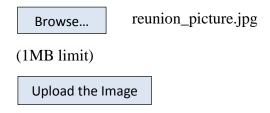
accompany each image file, create a text file that contains the name and description of the image and the image file name, delimited by the symbol (|). The uploaded images should be saved in the subdirectory called "Image".

5. Create a separate script page that displays the pictures with a caption showing the name and description fields. Ensure that the labs directory has read and write permissions for everyone.

### **Sample Output:**

## **Reunion Picture Uploader**

| Your Name:   |
|--|
|  |
| Image Caption or Description:  |
|  |
|  |
| Image to upload:   |
| Browse No file selected.   |
| (1MB limit)  |
| Upload the Image   |
| After leaving blanks in the text boxes and clicking Upload the Image button.   |
| Reunion Picture Uploader   |
| You must enter your name and a caption for the image. Click your browser's Back button to return to the upload page. |
| There was an error uploading "".   |
|  |
| Your Name:   |
| Your Name:  John Doe   |
|  |



After filling the info and select "reunion picutre.jpg" and clicking Upload the Image button.

### **Reunion Picture Uploader**

| Thank you for uploading your picture!             |
|---|
| Thum you for apround your prounts.                |
| File "reunion picutre.jpg" successfully uploaded. |
| Your Name:  |
| Image Caption or Description:                     |
|   |
| Image to upload:                                  |
| Browse No file selected.                          |
| (1MB limit)                                       |
| Upload the Image                                  |

- 6. Add the appropriate PHP line comments and/or multiple line comments.
- 7. Save the document as ReunionPictureUploaderYourlastname.php by replacing Yourlastname with your real last name and ReunionPictures.php by replacing Yourlastname with your real last name.
- 8. Save the output document as imagelist.txt under the subdirectory "Image".
- 9. Verify the program with your local web server.

### Submission

Upload your PHP Script files as the attachments to the drop box. Do not zip the files.