

WEBD 236 Homework 10

Answer the following questions based on your reading of the text book, any supplemental material, and the instructor's presentation this week. If you use an external source (i.e. a web-page, the required textbook, or an additional book) to help you answer the questions, then be sure to cite that source. You should probably always be citing a source.

Short Answer

1. **[5 points]** Identify and describe two security implications of allowing file uploads. Describe the techniques for solving issues.
2. **[5 points]** Download and install the Todo application with file uploads available from <http://cs.franklin.edu/~whittakt/WEBD236>. Describe, in the context of this application, how it is possible to orphan an uploaded file (i.e. the metadata is deleted from the database, but the file still exists on disk).

Programming

3. **[10 points]** Write a function that would go into "include/util.inc" that identifies and deletes orphaned files from the Todo application. This should involve at most one query of the database, and file-level function calls that compares the query results to the files on disk and deletes ones that don't match. Pages 744-745 and 752-753 of your text will help with this task.

Submission instructions

Create a single Word document with the solutions to the questions. Create a single PHP file with the solution to the programming problem. Create a ZIP file containing both the Word document and the PHP file and submit this to the drop dropbox for the course.