

TLEN5839: HW5 – Dynamic Application

Due Tuesday 2/23 at Noon.

Description

Write an application that displays the Tolkien DB and allows you to add characters to books. You must apply the security principals we have learned to make your application secure.

The flow of the applications should be a default view of stories, stories display books in the story, characters in the books, and then books the character is in.

See the slides in lecture 6 for more information on the flow of the application. A working example is at <http://172.20.74.11/hw5>

Requirements

Prepared statements must be used .

Use a function to check that numeric variables are numeric.

Use htmlspecialchars()

Use mysqli_real_escape_strings()

Use strip_tags().

Use a switch statement for the variable “s” to determine which step to perform in the application.

Use a database configuration file outside of the web directory.

Your app should include the feature to display characters in books and their picture. Your app should allow users to add a new character and their picture. You must add the characters Aragon, Boromir and Arwin. The pictures should be from the LOTR wiki: lotr.wikia.com.

Deliverables

Your app must be in the folder /var/www/html/hw5.

Your app should use a library file called hw5-lib.php.

Your app should be called index.php so it is executed when you go to /hw5.

Turn in a zip file named YOURNAME_HW5.zip that includes your PHP files.