Week 9 Concepts Assignment

CS441

*This is exercises based on the textbook ones for Chapters 14 & 15, but focusing on 15. Note, there are additional steps or requirements that might not be in the book, or steps removed from the book, so be sure to follow this document vs directly following the textbook.*

*Note, all required student files are located in the Week 1 Module of Canvas. Look for the “Student Download files” and add to your htdocs folder. Remember that the weekly code will be copied back and forth from your local Github repository and the htdocs folder.*

*Before starting, make sure to copy the directories “book\_apps” and “ex\_starts” to your local computer in the following directory: C:\*xampp\htdocs\

***With lab PCs, make sure to back up any incomplete work to your U drive!***

**Instructions:**

# Exercise 15-2 Modify the Product Manager application

In this exercise, you can modify and enhance the Product Manager application so it uses the validation techniques described in this chapter.

## Open and test the application

1. Run the application that’s stored in the ex\_starts/ch15\_ex2 directory.
2. Use the Product Manager application to add a new product. Test this application by entering valid and invalid data. Note that it doesn’t display error messages on the Add Product page. Instead, it displays errors on a separate Error page.
3. Open the index.php file for the Product Manager application and review the code. Note that this code uses an if statement to make sure that none of the text boxes are empty, that the category ID is an integer, and that the price is a floating-point number.

*Cont. on next page.*

## Modify the code

1. Open the fields.php and validate.php files in the model directory. These are the files for the short form of the Registration application in figure 15-12. (Page 501 of your text.)
2. In the Product Manager application, open the index.php and product\_add.php files and modify them so they use the fields.php and validate.php files to validate the product code and name. Both of these fields are required. In addition, the product code must be less than 11 characters.
3. In the validate.php file, add a function named number() that validates numeric entries.
4. In the index.php and add\_product.php files, modify the code so it uses the fields.php and validate.php files to validate the product price. This field is required and it can contain any valid number.

***Commit this document and all edited code to your Week 9 Github repository by the deadline. Any late work must be communicated.***