Lab Eleven Instructions

Objective

The purpose of this lab is to refactor last week's lab into a multi-project solution and to enhance the validation;

Tasks

Download the `Lab10Solution` from the Learning Hub or use your own: (Be sure to update all the queries to use the table you created for Lab10 if you use the Lab10Solution)

1. Add a `ClassLibrary` project named `ProductBusinessLib` to the solution.

2. Move the source folders (and classes) `Business`, `Common`, and `Data` into the new project. (When you move source files/folders between projects, a copy is made instead of a move requiring the deletion of the originals)

3. Adjust the namespaces to sync with the new project.

4. Add a reference to the new project in the UI project.

5. Modify the using directives in the UI project to match the new namespaces in `ProductBusinessLib` and test for proper operation.

6. Add a way to report validation errors to the user.

7. Replace the `MessageBox` with another method for <u>validation errors only</u>. The MessageBox can and should still be used to notify the user if there were other errors or exceptions (eg. the network connection drops, etc)

8. Force the SKU entry to uppercase and validate for pattern AAA999 (all positions required)

Please Hand In:

1) Zip your entire project and submit the zipped file to Lab11 in the Learning Hub.
2) Lab is due by 11:59 PM on the day before next week's class.
3) Lab solution code will be available under Week11\In Class once you have submitted.