Task

Write a psr-4 package to validate excel file format and its data. For this exercise, you will have to validate two type of excel file `Type_A` and `Type_B`.

General Rules

1. Column name that starts with `#` should not contain any space
2. Column name that ends with `*` is a required column, means it must have a value
3. For each file type, it should validate the header columns name and and the amount of columns it has
    - For example, `Type_A` file should only contains 5 columns and the header column name should be and follows the following order;
        1. Field_A*
        2. #Field_B
        3. Field_C
        4. Field_D*
        5. Field_E*
4. The package should be able to validate both `.xls` and `.xlsx` file
5. You may use third party library to parse the excel file (`phpoffice/phpexcel`)

Two sample file is provided namely `Type_A.xlsx` and `Type_B.xlsx`

Sample Output when validating `Type_A.xlsx`

Row	Error
3	Missing value in Field_A, Field_B should not contain any space, Missing value in Field_D
4	Missing value in Field_A,Missing value in Field_E

Sample Output when validating `Type_B.xlsx`

Row	Error
3	Missing value in Field_A, Field_B should not contain any space

Bonus

It will be nice if new file type(`Type_C`) can be integrated by just adding `Type_C.php`

Coding Recommendation

1. Follow DRY principle
2. Write simple but meaningful code
3. Incorporate design patterns in your code

An interface to get you started

```
<?php
```

```php
namespace Acme;

interface IProcessor {
    /**
     * @param $file Path to excel file
     * @param $fileType The file type (Type_A, Type_B, et
c)
     * @return mixed
     */
    public function process($file, $fileType);
}
```