# User Requirements

The webpage should allow the user to fill Bookname, Authorname, Price and a Publisher (predefined)

|  |  |
| --- | --- |
| U101 | Bookname |
| 101.1 | Ability to enter the Book name or Title into the BOOKNAME field |
| 101.2 | Validate: Book name does not exceed the length of the database field |
| 101.3 | Validate: Page should notify user if the book name is already in the database |

|  |  |
| --- | --- |
| U102 | Authorname |
| 102.1 | Ability to enter the Author name into the AUTHORNAME field |
| 102.2 | Validate: Book name does not exceed the length of the database field |

|  |  |
| --- | --- |
| U103 | Price |
| 103.1 | Ability to enter the Book Price into the PRICE field |
| 103.2 | Validate: Price allows for 2 decimal places |
| 103.3 | Error Handling: Show Error Message |

|  |  |
| --- | --- |
| U104 | Publisher |
| 104.1 | Ability to enter the Publisher name into the PUBLISHER field |
| 104.2 | Ability to select from a predefined list of five (5) publisher names |
| 104.3 | Validate: Publisher name does not exceed the length of the database field |

# Input and Output Requirements

|  |  |
| --- | --- |
| I-201 | Publisher (Predefined) |
| 201.1 | Application should have a predefined set of publishers that the user can selec t from |

Create another C# Console Application with the following features:

* This app should read the data saved from the above application
* Generate 5 individual text files one for each publisher
* Each file should have the list of books along with author name and price from the publisher

|  |  |
| --- | --- |
| O-301 | Text File Ouput |
| 301.1 | Generate five (5) individual text files, one for each publisher   * Each file should list books along with author name and price from the publisher |

# Unit Testing:

* Test for requirements, validation checks and error handling.
* Track defects and corrections.

# Defect Tracking:

|  |  |
| --- | --- |
| D | Defect Tracking |
| 1 | Duplicate book name notification did not work   * Added code to manage the notification as per the requirements document |
| 2 | Price allowed non-numeric   * Added code to validate and notify user |
| 3 | Output file issue, the Price was displaying as four decimal places   * Modified code to correct the issue |