

**Project Name: BookOrg**

## Data Import Test Case

<b>Test Case ID:</b> T_3	<b>Test Designed by:</b> Michal Bielina
<b>Test Name:</b> Data Import and M:N Relationship Management	
<b>Brief description:</b> Testing the ability to import data from external files (CSV) and managing Many-to-Many relationships between some of the entities.	
<b>Pre-conditions:</b> T_0 successful. A valid CSV file (in this test case, it will be referred to as authors.csv, you can use the prepared file in the project) exists containing a list of author names (header line + data).	
<b>Dependencies and Requirements:</b> Windows OS, software must support WPF C# framework, .NET 8.0 (or compatible version). [Running application, SQL Server connection, authors.csv]	

Step	Test Steps	Test Data	Expected Result	Notes
1	Navigate to "Authors" from the Main Menu.	-	List of current authors is displayed.	-
2	Click "Import from csv" and select the prepared file.	File: authors.csv	Windows file dialog opens. After selection, new authors appear in the list.	-
3	Navigate to "Books" and click the Add (+) button.	-	A new Book row is created.	-
4	Enter details for a new book.	Title: "New Imported Work", Price: 10, Stock: 5, Available: Checked.	The book is saved to the database.	-
5	In the "Authors" column for this new book, select an author imported in Step 2 from the dropdown.	Author from CSV.	The author is added to the list within the book row.	-
6	Add a "Genre" to the book using the Genre dropdown.	Genre: "Sci-Fi" (or existing).	The genre is linked to the book.	-
7	Navigate to "Authors" menu. Try to delete the Author used in Step 5.	-	A warning pop-up appears: "THIS WILL AFFECT DIFFERENT DATABASE ENTITIES...".	-
8	Confirm the deletion.	-	The author is deleted.	-
9	Navigate back to "Books".	-	The book created in Step 4 no longer lists the deleted author.	-