SPSE Jecna Test Case

Test Case ID: TC_03	Test Designed by: Milana Poljanskova
Test Name: Import Data and Configuration Error Handling	
Brief description: Verify that the application handles import errors, invalid configuration, and connection	
Pre-conditions: Database library exists Application launched successfully	
Dependencies and Requirements: CSV, JSON, XML test files available Invalid/malformed files for error testing	

Step	Test Steps	Test Data	Expected Result	Notes
1	Go to Import tab		Import buttons visible	
2	Import publishers with correct CSV	publishers.csv	Data inserted successfully; success message	
3	Import authors with malformed JSON	Change rating to 3.0	Book updated; rating changes in treeview and DB	
4	Delete selected book	authors.json (malformed)	Error dialog shown; no data inserted	Handles JSON parsing errors
5	Modify config.ini with missing database section		On startup or save, error dialog shown	Suggests user add section

6	Modify config.ini with invalid server	Server: wrong_server	Connection fails; error dialog shown	Suggests user correct server name
7	Attempt to run report without database connection		Error dialog shown; report not generated	Handles SQL exceptions
8	Test empty mandatory import fields	CSV with missing name column	Error dialog shown; record skipped	Application handles missing required fields gracefully