

Scenario_03_Functional_ReportinEn

SPSE Jecna Test Case

Test Case ID: FUN_02

Test Designed by: Pavlo Kosov

Test Name: Reporting & Data Import

Brief description: Verify the ability to import bulk data from various formats and generate aggregated performance reports.

Pre-conditions: Application is running. Data files (`students.csv` , `instructors.json` , `courses.xml`) exist in `data/` folder.

Dependencies and Requirements: Read permissions for `data/` folder.

Step	Test Steps	Test Data	Expected Result	Notes
1	Navigate to "Import Data" menu.	Select Option <code>6</code>	Import options (CSV, JSON, XML) are displayed.	
2	Import Students from CSV.	File: <code>data/students.csv</code>	Message: "Successfully imported X students".	
3	Import Instructors from JSON.	File: <code>data/instructors.json</code>	Message: "Successfully imported X instructors".	
4	Import Courses from XML.	File: <code>data/courses.xml</code>	Message: "Successfully imported X courses".	
5	Generate "Course Performance Report" via "Advanced Operations".	Select Option <code>5</code>	Table displays aggregated data (Avg Score, Min, Max) for courses.	
6	Verify "Top Rated Courses" view.	Select Option <code>7</code> (Advanced)	Table displays courses ordered by Instructor Rating.	
7	Test Configuration Error Handling (Simulated).	Rename <code>.env</code> to <code>.env.neco</code> and restart app.	Application shows connection error gracefully, no raw stack trace.	