Information Technology Services

University System of Georgia Information Technology Services
Enterprise Data Management & Analytics

Beta Test Plan

ADC Spring Mid-Term (MT) 20254

Contents

Test Plan for ADC Spring Mid-Term 20254

Preparation for Testing

Academic Release 1.19 and Data Collections ETL (ZADMETL) 1.3 were previously applied to your TEST Banner database for the ADC Fall End-of-Term 20252 Collection. No action is needed from institutional or ITS Managed Services DBAs for the Spring Mid-Term 20254 collection.

Please follow the steps below to prepare for testing the changes included in this collection:

Step 1

Set up and/or identify test cases for testing the extraction and editor.

Step 2

In Banner, run the Data Collection Extraction process (ZADMETL) from Banner Job Submission (GJAPCTL).

Step 3

Turn on the ITS version of GlobalProtect VPN. For download, install, and login instructions, email DW_Test@usg.edu.

Step 4

Run the USG Extract in the TEST environment using the following URL:

https://appst.ds.usg.edu/ords/f?p=38576

Step 5

Review the Data Submission Error report to validate changes included in the release in the Cognos TEST environment using the following URL:

https://analyticst.ds.usg.edu/bi/

SAT Test Code Validation

Purpose

Several institutions have been working with the Research & Policy Analysis team during the Academic Data Collections over the last year to update student test scores upon notification that test section scores or total test scores are missing. This review process has identified SAT test scores as a common issue. Implementation of a validation for SAT test scores will help institutions identify and resolve these issues earlier in the collection.

Functionality delivered in this collection:

The ADC Spring Mid-Term collection includes the creation of a new validation rule for SAT Test Codes S10, S11 and S12:

> VSTR262: If a test score is submitted for SAT Total Test Score (S10), SAT Evidence-Based Read/Writ Test Score (S11) or SAT Math Section Test Score (S12), then a test score for all 3 SAT Test Codes must be present.

This validation rule will be added to the Academic Data Element Dictionary under data element STR077: SAT Total Test Score (S10).

Test Scenarios:

Test Scenario 1:

In Cognos, generate a data element dictionary using the Data Dictionary > Download PDF option. Verify the following changes for data element STR077:

- The Validation Rules Section should display the following new validation:

    Status: Active

    Severity: Error

    Code: VSTR262

    Description: If a test score is submitted for SAT Total Test Score (S10), SAT Evidence-Based Read/Writ Test Score (S11) or SAT Math Section Test Score (S12), then a test score for all 3 SAT Test Codes must be present.

- The Change History Section should include the following entry:

    ACADEMIC_TERM: 20254

    CHANGE_DATE: Jan 13, 2025

    CHANGE_NOTES: Created new validation VSTR262.

Testing successful? (check one) ☐Yes   ☐No

Test Scenario 2:

Run the ZADMETL process for parameter value A to generate output for ADC. Review the .lis file to verify that all ZADMETL steps show the status "SUCCESS."

If ZADMETL completed successfully, run the ADC extraction. Verify that the ADC extraction runs successfully.

In Cognos, navigate to the Student Test Results *(ods_admstu_test_results_mimic)* validation section.

Test Banner 11G University - 98200

Submission Term: 20254 MT

Category	Record Type	Error Count	View and Download (Opens in new window)
Course	Class Session *(ods_admcrs_cls_session_mimic)*	866	View / Download
	Section Attributes *(ods_admcrs_section_attr_mimic)*	5	View / Download
Graduation	Program Awarded *(ods_admgrad_program_mimic)*	311	View / Download
Student	Confidential *(ods_admstu_confidential_mimic)*	3	View / Download
	Enrollment *(ods_admstu_ste_attr_mimic)*	3	View / Download
	Matriculation *(ods_admstu_enr_matric_mimic)*	2	View / Download
	Program Enrolled *(ods_admstu_prog_enroll_mimic)*	4,071	View / Download
	Test Results *(ods_admstu_test_results_mimic)*	31	View / Download
Test Banner 11G University - Total		5,292	

Check for the presence of Business Rule Code VSTR262:

Test Banner 11G University - 98200

Submission Term: 20254 MT

Student Test Results (ods_admstu_test_results_mimic)

Error Severity: Error

Business Rule Code	Business Rule	Primary Element	Total Errors
VSTR052	The New GED Writing Social Studies score (GED2) must be between 200-800 if not null	GED Test Score - New - Social Studies (STR025)	1
VSTR058	If one GED score is submitted all GED scores must be submitted.	GED New Count (STR902)	10
VSTR123	Test date Taken must be after Birth Date.	Test Date Taken (STR004)	11
VSTR262	If a test score is submitted for SAT Total Test Score (S10), SAT Evidence-Based Read/Writ Test Score (S11) or SAT Math Section Test Score (S12), then a test score for all 3 SAT Test Codes must be present.	SAT Total Test Score (S10) (STR077)	9
Student Test Results - Total Errors			31

If VSTR262 is not present, you may check the 'N/A – No VSTR262 errors' box for Test Scenarios 2 and 3 and move on to optional Test Scenario 4.

If validation VSTR262 is present, review the validation detail to ensure it matches the data in your Banner test environment. Note: This validation will display the test codes (S10, S11, and/or S12) that are **present** for a student.

Example:

ERROR_TRACKING_ID	Attribute List	Attribute Content	STU_INST_UID	STUDENT_INST_ID	TEST_CODE	TEST_TYPE_CODE	TEST_DATE	TEST_PURPOSE_CODE	TEST_SCORE
VSTR262 - If a test score is submitted for SAT Total Test Score (S10), SAT Evidence-Based Read/Writ Test Score (S11) or SAT Math Section Test Score (S12), then a test score for all 3 SAT Test Codes must be present.									
39771272	student_inst_id, test_code, test_score	S10, 1010		12345678	S10		Oct 7, 2017		1010
39771271	student_inst_id, test_code, test_score	S11, 470		98765432	S11	NA	May 5, 2018		470
39771270	student_inst_id, test_code, test_score	S12, 540		98765432	S12	NA	Oct 6, 2018		540

For student 12345678, only test code S10 is present in the validation display. Scores for test codes S11 and S12 were not collected. These test codes and scores must be entered in Banner to clear the error.

For student 98765432, test codes S11 and S12 are present in the validation display. A score for test code S10 was not collected. This test code and score must be entered in Banner to clear the error.

This test step is successful if the test codes shown in the error details match the data that is present in your Banner test environment.

Testing successful? (check one) ☐**Yes** ☐**No** ☐**N/A – No VSTR262 errors**

Test Scenario 3:

Clear the validation errors received in Test Scenario 2, if applicable, by adding the missing test codes and scores in your Banner test environment. After rerunning ZADMETL and extracting, verify that the errors are cleared.

Testing successful? (check one) ☐**Yes** ☐**No** ☐**N/A – No VSTR262 errors**

Test Scenario 4: Optional

If no errors were received in Test Scenario 2, you may elect to trigger the validation error using the following steps:

1. Identify a student with a test score for all 3 test codes (S10, S11, and S12)
2. Remove one of the test codes and scores (please note the test code and score so it can be added back after testing) and save the record
3. Re-run the ZADMETL process
4. If the ZADMETL process is successful, run the extraction process

Validation rule VSTR262 should be present in Cognos and should include only the test codes still present on the student record.

Testing successful? (check one) ☐**Yes** ☐**No**

Note: If a test code and score was removed for Test Scenario 4, please be sure to re-enter the test code and score once testing is complete.

If testing was unsuccessful, please explain the issues in detail here:

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Signature: _____

Title: _____

Appendix A: Document Change History

This section details the history of the document and updates made for each modification.

Release and Date	Form/Process	Page	Update Description
December 12, 2024	N/A	N/A	Initial release of beta test plan.