

Project Name: WhiteBoard

Test Case ID: TC02.02

Developed by: Zachary Nelson

Test Priority (Low/Medium/High): Med

Development date: 02/12/2018

Module Name: Courses

Test Executed by: <Name>

Test Title: Create Course Shells – Error Recovery

Testing Tool: Web Browser

Test Execution date: <Date>

Description: Test the ability for whiteboard to complete a checkpoint-restart procedure for writing course shells.

Pre-conditions: The user is logged in as an administrator. U

Dependencies: Database connectivity.

| Step | Test Steps | Test Data | Expected Result | Actual Result | Status (Pass/Fail) | Notes |
|------|---|------------|--|---------------|--------------------|--|
| 1 | Select "Create Course Shells from File" | N/A | System displays a file browser prompt and asks for a CSV to read. | | | |
| 2 | Select the test course creation file. | "TC01.csv" | The system will parse the csv file and display a list of courses to be created to the user. | | | The TC01.csv should contain at least 700 courses per Non-functional requirements listed. |
| 3 | Tester validates that the courses to be created from TC01.csv are consistent with the courses outlined in the test data. | N/A | The user finds no abnormalities between the CSV file and course creation list. | | | N/A |
| 4 | Tester selects "Confirm Course Shells" | N/A | The system begins to create course shells and commit them to the database. | | | N/A |
| 5 | When the course creation is running the tester shall press the "Database Disconnect" button from the "Test" drop down menu. | N/A | The system shall recognize the loss of connection to the database and create a checkpoint on the last confirmed field. | | | |

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| 6 | The tester will select “Test Database” under the “Database Reconnect” option in the “Test” drop down menu. | N/A | The system will reconnect to the Test Database | | | |
| 7 | The tester will select the notification to resume the halted course shell creation | N/A | The system will display the last known committed field to the database. | | | If the system does not recover and validate that the last known entry in the database is the same as the stopping point then this test is a fail. |
| 8. | The tester will select “confirm resume” on the last committed field prompt. | N/A | The system will resume the course shell creation process. Once completed the system will display a list of created courses | | | |
| 9. | The user will confirm the list of created courses and press the “Ok” button. | | The system will redirect the user to Administrator Menu. | | | |

Post-conditions: The courses in the TC01.csv file are now created in the system and stored in the database. A report is created in the error log related to the database disconnect. A log entry is made for each course created.

Project Name: WhiteBoard

Test Case ID: TC01 – Create Course

Developed by: Zach Nelson

Test Priority (Low/Medium/High): High

Development date: 02/10/2014

Module Name: Courses

Test Executed by: <Name>

Test Title: Make Course Creation File

Testing Tool: Web Browser

Test Execution date: <Date>

Description: Normal Workflow for creating a course creating file.

Pre-conditions: User has navigated to the course shell creation page. User has authenticated as an administrator.

Dependencies:

| Step | Test Steps | Test Data | Expected Result | Actual Result | Status (Pass/Fail) | Notes |
|------|---|--|--|---------------|--------------------|--|
| 1 | | | | | | |
| 2 | Select “Create new course shell file” | N/A | System prompts user for term/departments they wish to make courses for | | | |
| 3 | Enter the term and courses prompts asked for by the system. | Term = TEST Courses = “All Courses” checkbox | The system displays a page that shows the user what courses would be created based on the test data. | | | All courses consists of a set of 700 sample courses. This test is a failure if the time to retrieve data is over 250ms. |
| 4 | Validate the course creation file. | N/A | User finds no abnormalities with the course creation file. | | | |
| 5 | User selects “Save File” button | Filename = TC01.csv | A course creation file with the test parameters is saved to the system. | | | |

Post-conditions: A file will be created on the system called TC01.csv A record of the actions taken by the user will be stored in the administrator log.

Project Name: WhiteBoard

Test Case ID: TC02.01

Developed by: Zachary Nelson

Test Priority (Low/Medium/High): High

Development date: 02/11/2014

Module Name: Courses

Test Executed by: <Name>

Test Title: Create Course Shells from File.

Testing Tool: Web Browser

Test Execution date: <Date>

Description: Normal Workflow for creating course shells from a course creation file.

Pre-conditions: User has navigated to the course shell creation page. User has authenticated as an administrator.

Dependencies: Database connectivity required.

| Step | Test Steps | Test Data | Expected Result | Actual Result | Status (Pass/Fail) | Notes |
|------|--|------------|---|---------------|--------------------|--|
| 1 | Select "Create Course Shells from File" | N/A | System displays a file browser prompt and asks for a CSV to read. | | | |
| 2 | Select the test course creation file. | "TC01.csv" | The system will parse the csv file and display a list of courses to be created to the user. | | | The TC01.csv should contain at least 700 courses per Non-functional requirements listed. |
| 3 | User validates that the courses to be created from TC01.csv are consistent with the courses outlined in the test data. | N/A | The user finds no abnormalities between the CSV file and course creation list. | | | |
| 4 | User selects "Confirm Course Shells" | N/A | The system begins to create course shells and commit them to the database. | | | |
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Post-conditions: Courses listed in TC01.csv are created in the system and committed to the database. A log of the courses created is generated.

