**Product Feature:** Excel Workbook – School Data Upload Tool

**Overview:** This upload tool provides users with the ability to fill Excel workbooks with data to be uploaded to School Fuel.

**Severity Level of Feature:** High / Critical functionality for end-users

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| **Test Case ID** | **Test Scenario** | **Test Steps** | **Test Data** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 001 | Start the application and check all buttons of GUI | 1. Open the application GUI – Process School sheets. 2. Start with every button on the application. 3. Test if we can select the desired field and check if the application is able to register the request. | There is no test data for this step. We are checking for the application to register our clicks in the check boxes and the data entry fields | Th application should be able to provide a check mark on the check boxes and enable us to enter data into the data entry fields. | The application was successful in providing the desired results | PASS |
| 002 | Test validate function using the application | 1. Open the application select a particular field for testing purpose. 2. Once a particular field is selected then confirm that the data is in the requested input format. 3. Provide the necessary data in the various data fields and click on submit. | Once the data is provided and checked that the data is in the required input format click on submit. | The data entered would be compared with the transform and the logout matrix to ensure that all the data and the fields that are necessary for proceeding are present. | The application was able to verify that the data is present | PASS |
| 003 | Test the production function of the application | 1. Open the application select a particular field for testing purpose. 2. Once a particular field is selected then confirm that the data is in the requested input format. 3. Provide the necessary data in the various data fields and click on submit. | Once the data is provided and checked that the data is in the required input format click on submit. | The entered data is first validated and then when the submit button is pressed, there must be a separate file that must be created with all the input data converted into the respective output data | The application was able to create a new file with the requested output format. | PASS |
| 004 | Test the layout tab in the file | 1. In the data sheet we now modify the data into various test samples. 2. Once the data is modified, we make sure to prepare two test cases one which follows the standards as mentioned on the data format sheet and one which doesn’t follow the format. 3. Once the data is inputted into the file, we use the application to select the modified field and test the data | Once the data is tested. We would run two tests on both the data fields | 1. The data which follows the standards would create a new file with the input data converted into the respective format of the output data. 2. The data which doesn’t follow the required format should throw an error when trying to set the file in the validate and production format | The application was able to generate the new file for the right data and was able to display an error when the data inputted didn’t follow the desired format. | PASS |
| 005 | Change the layout requirements | 1. For testing this we change what are the required fields on the layout tab of the file and test them. 2. The application should register the changes and must be able to process the request. | The data is tested among the new and changed layout format | The data must be able to be processed without causing any errors | Th application was able to respond to the changes on the layout and provide a valid result | PASS |
| 006 | Test the transform tab in the file | 1. In the data sheet, according to the column name of the table and its input values provided in the transform tab, replace the existing output value in the corresponding table with the input value 2. Run the execution, choose the sheet we just modified and enter the necessary data (data, school name, entity id) 3. Click submit button and a page will popped up, double click the data sheet then check the feedback returned. | All tables in the data sheet | All replaced input values will be converted to output after testing and corresponding individual files will be generated for each table | Due to data input errors in some tables, validation errors were caused, and all tests passed after the correction.  These typos include:  Student table: numOfRentions should be a number instead of Y and N  Studenthealth table: under column locationIncident, row 0 and row 4 field should not be empty  TeacherPerformance table: under colum subjectPerformance, each row should not be empty  Parent table: row MonthsInDistrict and NumberOfStudents was entered differently in the table  student performance table: row MasteryBased and row grade was entered differently in the table | PASS |