



DATA QUALITY 2 (DQ2)

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June 27-29, 2017



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Agenda

- Introduction
- DQ2 Overview
- Demonstration – File Processing and UI Reporting
- Next Steps/Action Items (Pilot, Production Rollout)

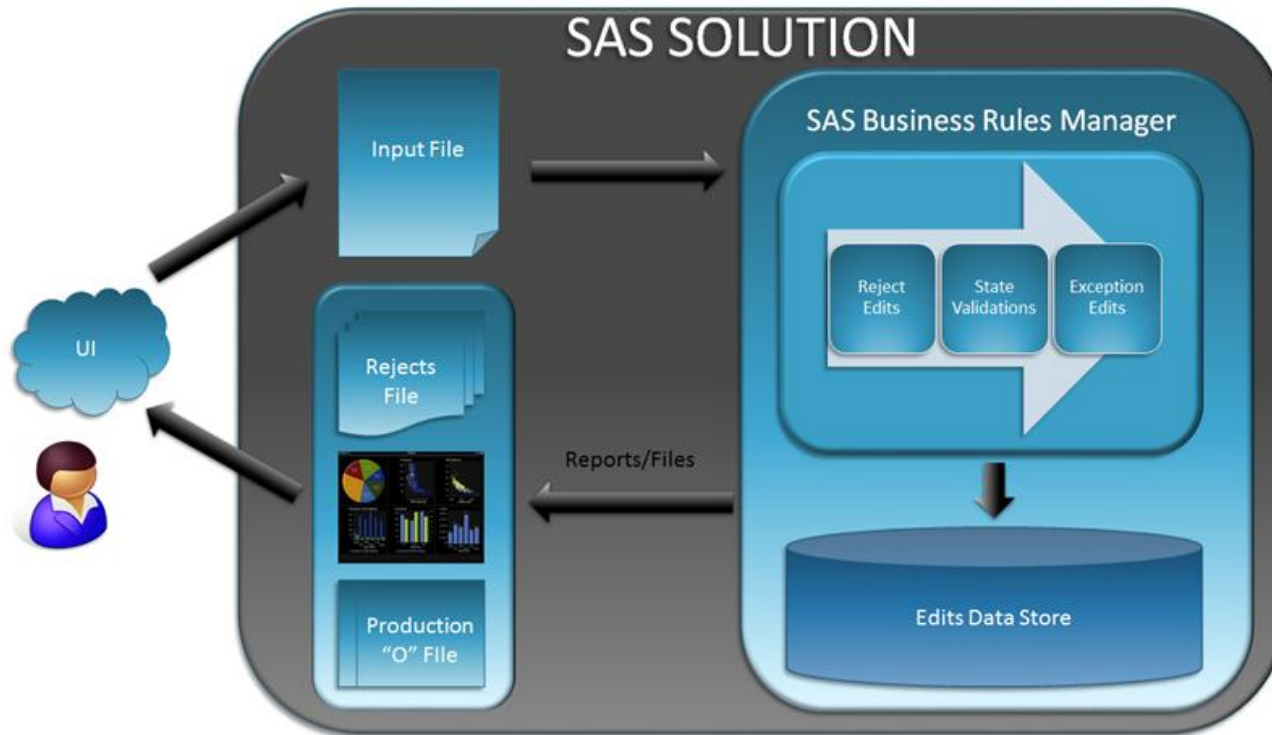
What is DQ2?

- Created to provide a preflight capability to the survey collection process
- Reduces time and effort to process and resubmit files
- UI (User Interface) provides greater flexibility and quicker access to error reporting
- Reduces utilization of expensive mainframe resources

How does DQ2 work?

- Districts provide file uploads via TIBCO (secure FTP)
- Files uploaded to DQ2-In folder
- Files presented back in DQ2-Out folder
- SSO (Single Sign-On) authorization for DQ2 provides UI access
- UI provides visibility and error checking/reporting for rejects, validation and exceptions and “D” File generation

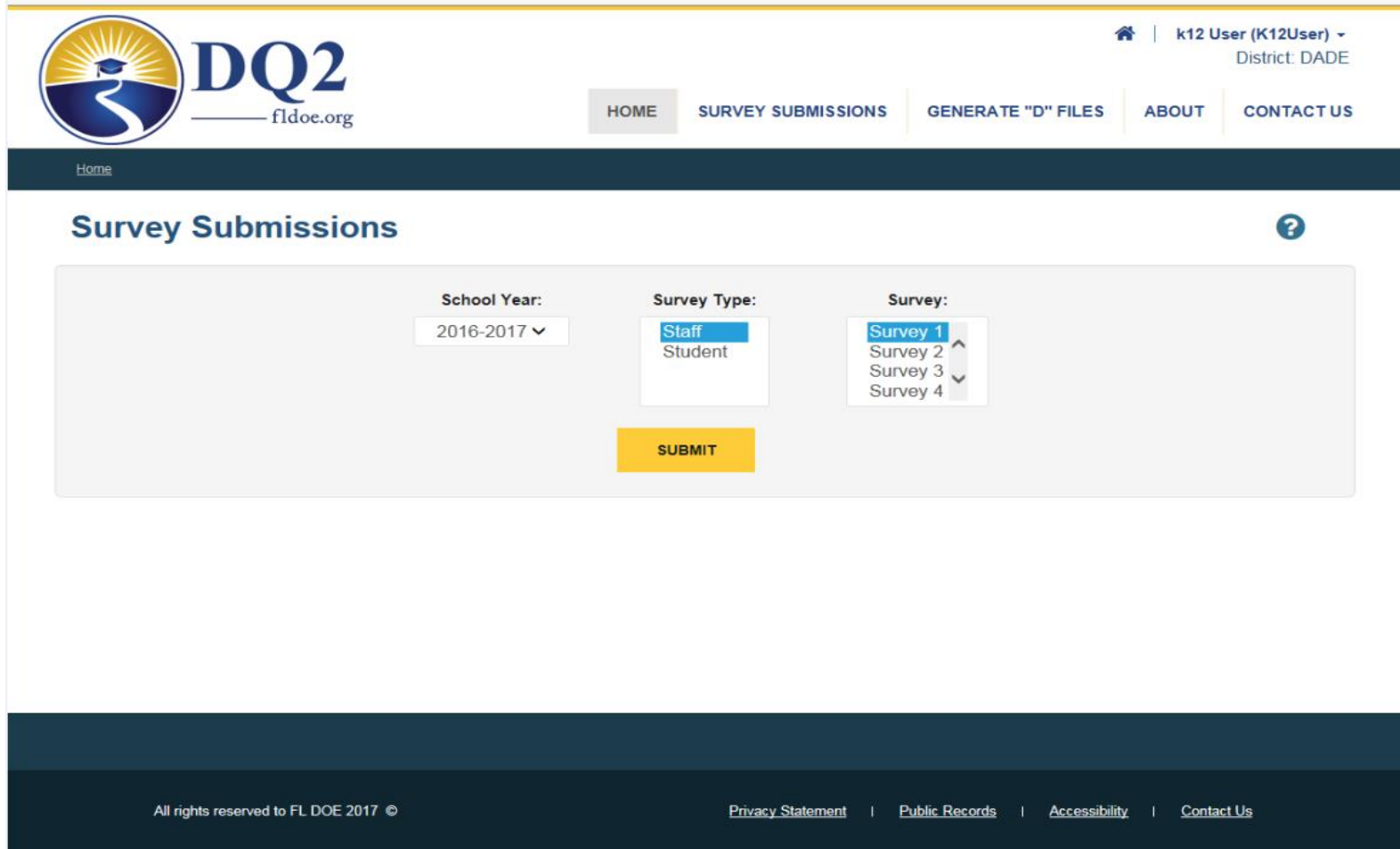
DQ2 Solution



Getting Started

1. Setup TIBCO(Secure FTP) Credentials
 - For upload and download of files
2. Setup of SSO Account & DQ2 Authorizations
 - For access to the SSO/DQ2 Portal and resources

UI Displaying “Survey Submissions” Selections before SUBMIT



The screenshot shows the DQ2 Survey Submissions interface. At the top left is the DQ2 logo with the URL fldoe.org. To the right of the logo is a navigation menu with buttons for HOME, SURVEY SUBMISSIONS, GENERATE "D" FILES, ABOUT, and CONTACT US. In the top right corner, there is a user profile for 'k12 User (K12User)' with a dropdown arrow and 'District: DADE'. Below the navigation is a dark blue bar with a 'Home' link. The main content area is titled 'Survey Submissions' with a question mark icon. The form contains three dropdown menus: 'School Year' set to '2016-2017', 'Survey Type' with 'Staff' selected, and 'Survey' with 'Survey 1' selected. A yellow 'SUBMIT' button is positioned below the dropdowns. The footer contains the text 'All rights reserved to FL DOE 2017 ©' and links for 'Privacy Statement', 'Public Records', 'Accessibility', and 'Contact Us'.

Home

DQ2
fldoe.org

HOME SURVEY SUBMISSIONS GENERATE "D" FILES ABOUT CONTACT US

k12 User (K12User) ▾
District: DADE

Survey Submissions ?

School Year: 2016-2017 ▾

Survey Type: Staff Student

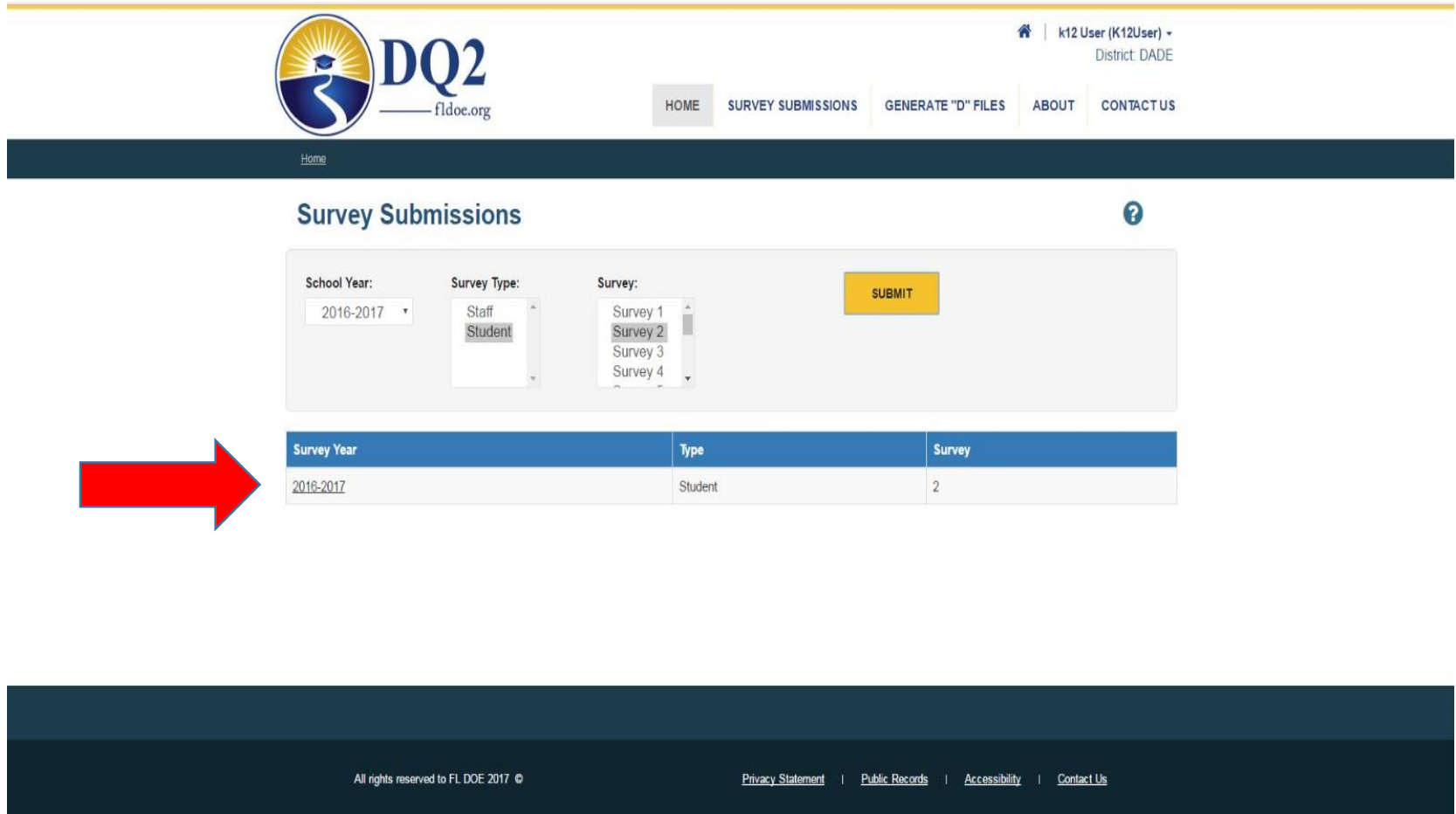
Survey: Survey 1 Survey 2 Survey 3 Survey 4

SUBMIT

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UI Displaying “Survey Submissions” Returned Survey Year after SUBMIT



The screenshot shows the DQ2 Survey Submissions interface. At the top left is the DQ2 logo with the URL fldoe.org. To the right, the user is identified as 'k12 User (K12User)' in District DADE. A navigation menu includes 'HOME', 'SURVEY SUBMISSIONS', 'GENERATE "D" FILES', 'ABOUT', and 'CONTACT US'. Below the navigation is a 'Home' link. The main heading is 'Survey Submissions' with a help icon. The form area contains three dropdown menus: 'School Year' (set to 2016-2017), 'Survey Type' (set to Student), and 'Survey' (set to Survey 2). A yellow 'SUBMIT' button is to the right. Below the form is a table with the following data:

Survey Year	Type	Survey
2016-2017	Student	2

A large red arrow points from the left towards the table, highlighting the '2016-2017' survey year.

At the bottom, there is a footer with the text 'All rights reserved to FL DOE 2017 ©' and links for 'Privacy Statement', 'Public Records', 'Accessibility', and 'Contact Us'.

UI Displaying “Survey Submissions” Returned Survey Years for Staff and Student



Home | k12 User (K12User) -
District: DADE

HOME SURVEY SUBMISSIONS GENERATE "D" FILES ABOUT CONTACT US

Home

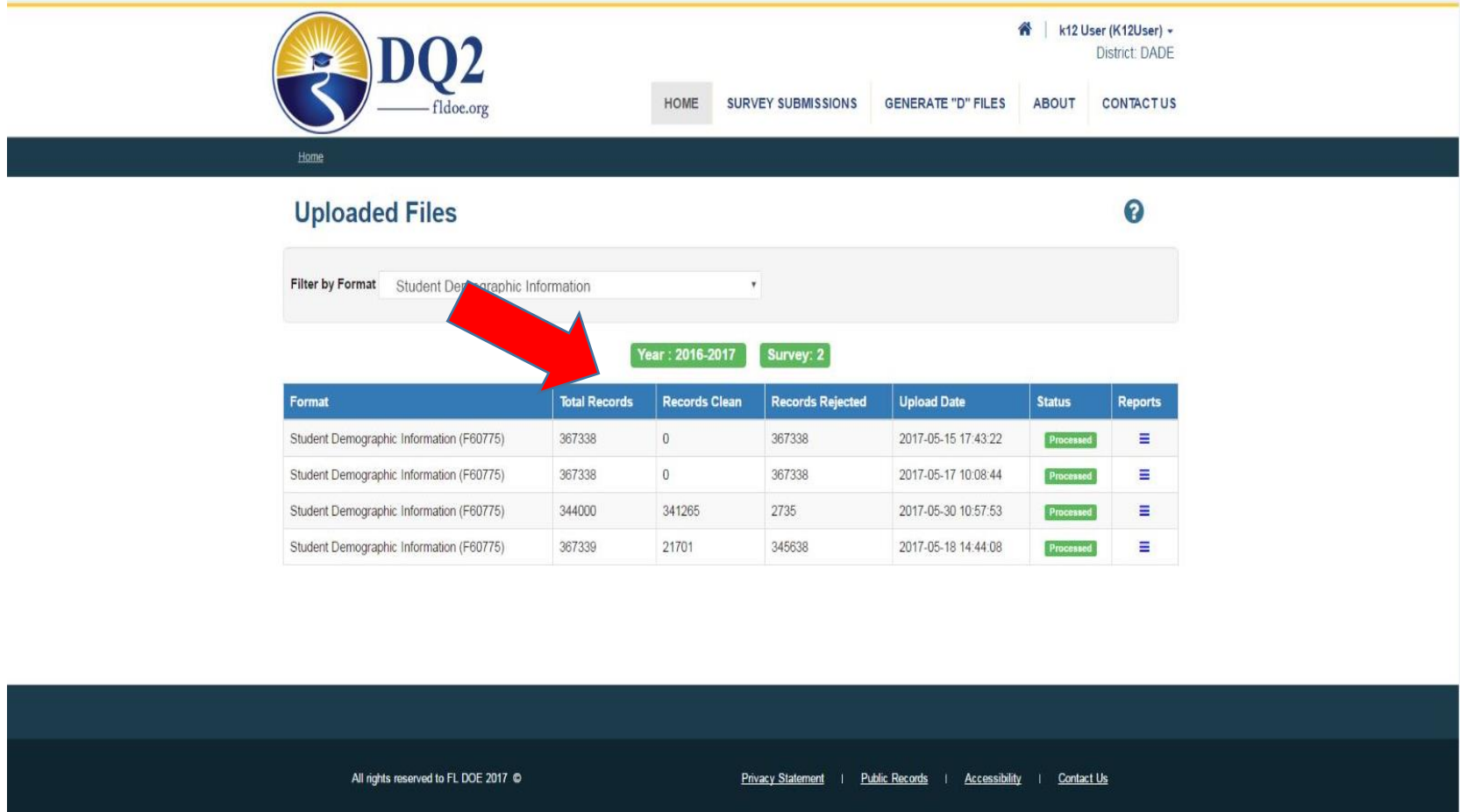
Survey Submissions ?

School Year:
 Survey Type:
 Survey:



Survey Year	Type	Survey
2016-2017	Staff	2
2016-2017	Student	2

UI Displaying Uploaded Files after Selecting Survey Year – Shows Reject Information

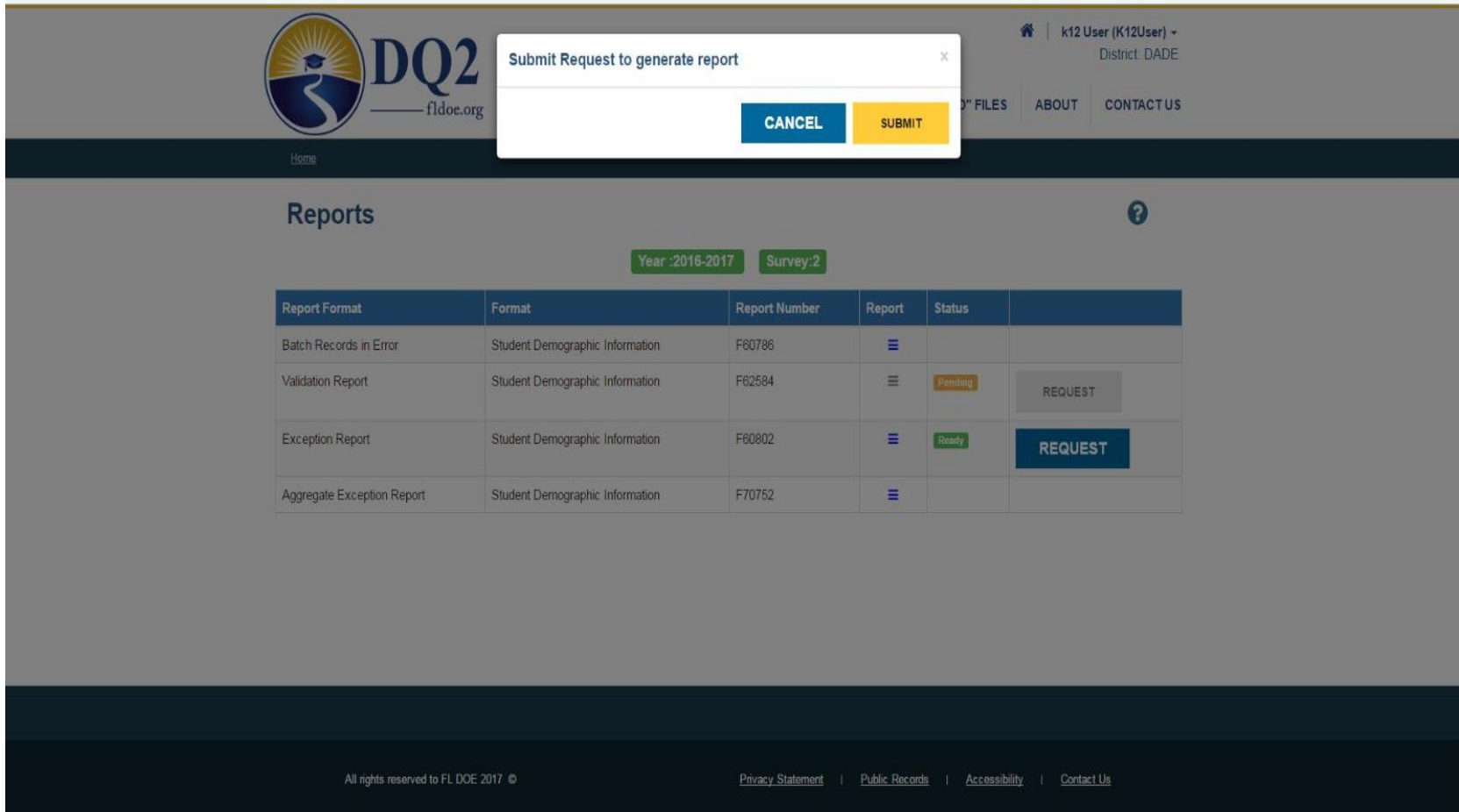


The screenshot shows the DQ2 application interface. At the top, there is a navigation bar with the DQ2 logo and the text 'fldoe.org'. To the right, it displays the user 'k12 User (K12User)' and the district 'DADE'. Below the navigation bar, there are several menu items: HOME, SURVEY SUBMISSIONS, GENERATE "D" FILES, ABOUT, and CONTACT US. The main content area is titled 'Uploaded Files' and features a filter dropdown set to 'Student Demographic Information'. Below the filter, there are two green buttons: 'Year: 2016-2017' and 'Survey: 2'. A red arrow points from the 'Survey: 2' button to the 'Records Rejected' column in the table below. The table has the following data:

Format	Total Records	Records Clean	Records Rejected	Upload Date	Status	Reports
Student Demographic Information (F60775)	367338	0	367338	2017-05-15 17:43:22	Processed	≡
Student Demographic Information (F60775)	367338	0	367338	2017-05-17 10:08:44	Processed	≡
Student Demographic Information (F60775)	344000	341265	2735	2017-05-30 10:57:53	Processed	≡
Student Demographic Information (F60775)	367339	21701	345638	2017-05-18 14:44:08	Processed	≡

At the bottom of the page, there is a footer with the text 'All rights reserved to FL DOE 2017 ©' and several links: Privacy Statement, Public Records, Accessibility, and Contact Us.

UI Displaying Available Reports Prior to SUBMIT



The screenshot shows the DQ2 web application interface. A modal dialog box titled "Submit Request to generate report" is open, featuring "CANCEL" and "SUBMIT" buttons. The background interface includes the DQ2 logo, user information for "k12 User (K12User) - District: DADE", and navigation links for "FILES", "ABOUT", and "CONTACT US". The main content area is titled "Reports" and displays a table of available reports for the year 2016-2017, Survey 2.

Report Format	Format	Report Number	Report	Status	
Batch Records in Error	Student Demographic Information	F60786	☰		
Validation Report	Student Demographic Information	F62584	☰	Pending	REQUEST
Exception Report	Student Demographic Information	F60802	☰	Ready	REQUEST
Aggregate Exception Report	Student Demographic Information	F70752	☰		

At the bottom of the page, there is a footer with the text "All rights reserved to FL DOE 2017 ©" and a row of links: "Privacy Statement", "Public Records", "Accessibility", and "Contact Us".

UI Displaying Available Reports Showing Pending and Ready



Home | k12 User (K12User) ▾
District: DADE

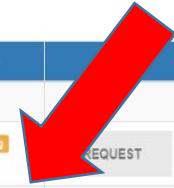
HOME SURVEY SUBMISSIONS GENERATE "D" FILES ABOUT CONTACT US

Home

Reports ?

Year :2016-2017 Survey:2

Report Format	Format	Report Number	Report	Status	
Batch Records in Error	Student Demographic Information	F60786	☰		
Validation Report	Student Demographic Information	F62584	☰	Pending	REQUEST
Exception Report	Student Demographic Information	F60802	☰	Ready	REQUEST
Aggregate Exception Report	Student Demographic Information	F70752	☰		



UI Displaying File Data Report Showing Batch Records in Error



🏠 | SAS Test2 (Administrator) ▾

HOME SURVEY SUBMISSIONS GENERATE "D" FILES ABOUT CONTACT US

Home

Submitted File Data Report ?

Student Demographic Information **Batch Records in Error**

Selected School: ▾

SAVE TO EXCEL

Row	SURVEY_SUBMISSION_FILE_ID	FILE_LOAD_TIME_ID	JOB_ID	Row_ID	Rules_Failed_comma_separated	Rules_Failed_fixed_width	DistrictInstru
1	170	910058	678	322109	08	08	13
2	170	910058	678	322120	08	08	13
3	170	910058	678	322127	08	08	13
4	170	910058	678	233290	08	08	13
5	170	910058	678	233308	08	08	13
6	170	910058	678	233315	08	08	13
7	170	910058	678	9378	08	08	13
8	170	910058	678	9396	08	08	13
9	170	910058	678	9410	08	08	13
10	170	910058	678	7649	08	08	13
11	170	910058	678	279886	08	08	13
12	170	910058	678	279893	08	08	13

UI Displaying File Data Report Showing Error Descriptions and Edit Codes

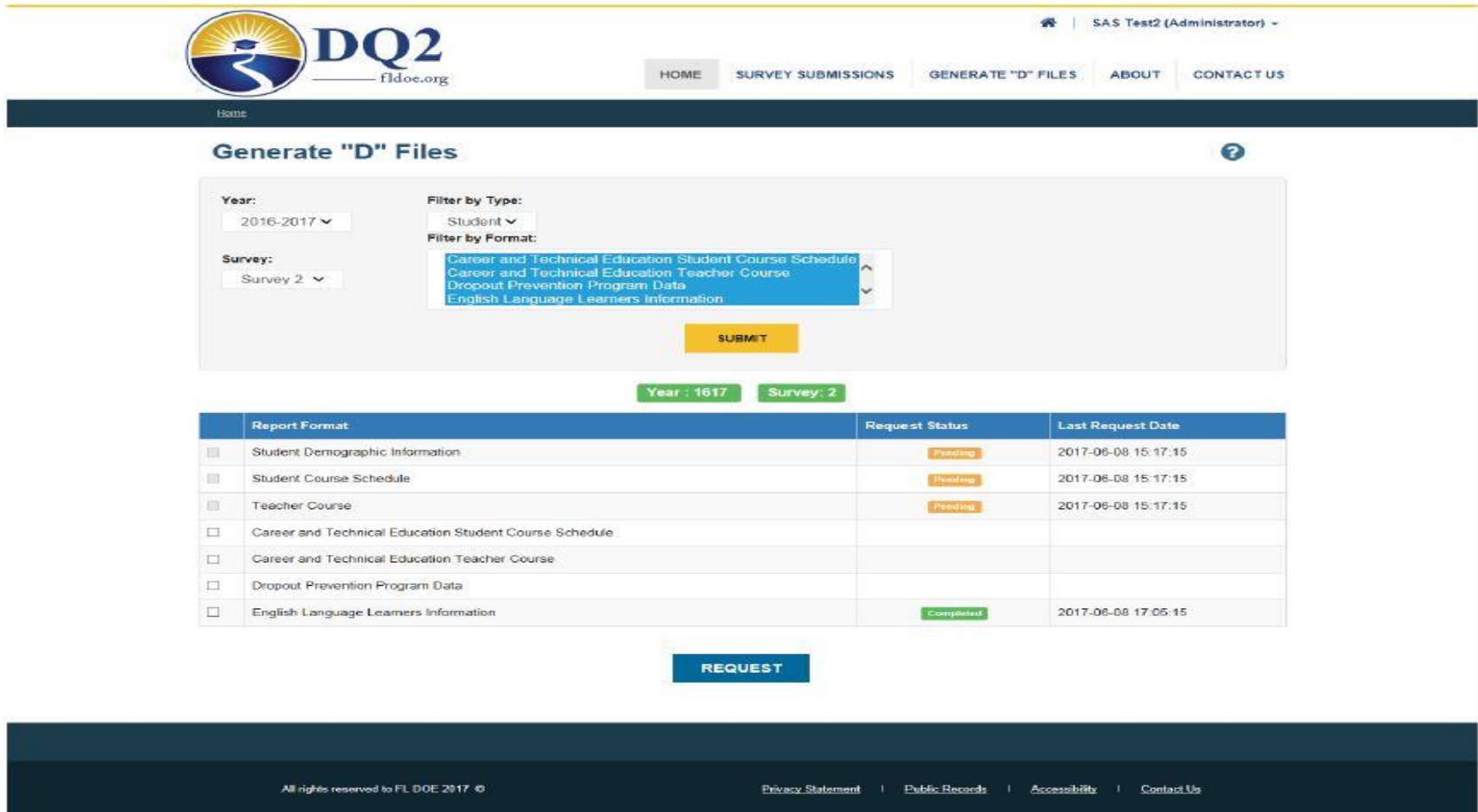
11	170	910058	678	279886	08	08	13
12	170	010058	678	279886	08	08	13

Click on Sign to add test signatures on a PDF file

EditCode	ERROR_DESCRIPTION
04	The first nine positions of Student Number Identifier, Florida must be numeric. The tenth position of Student Number Identifier, Florida must either be an "X" or numeric. If the tenth position of Student Number Identifier, Florida is numeric, the first two digits must be a valid district number in the range 01-75 or 78-79. If the tenth position of the Student Number Identifier, Florida is an "X", the first three positions may not all be zeroes.
07	The first nine positions of Student Number Identifier-Alias, Florida must be numeric. The tenth position of Student Number Identifier-Alias, Florida must either be an "X" or numeric. If the tenth position of Student Number Identifier-Alias, Florida is numeric, the first two digits must be a valid district number in the range 01-75 or 78-79.
08	The Transaction Code must be A, C or D. For the original transmission, only A is valid. For subsequent batch/update submissions, if A is specified then the record must not already exist on the data base; if C or D is specified then the record must exist on the data base.
17	If Survey Period Code = 1, 4, 5 or 9, then School Number, Zoned School must be filled with zeroes. If Survey Period Code = 2 or 3 and District of Instruction

EditCode	Count
04	5
07	5
08	362966
17	1555
18	4944
19	9
1C	8

UI Displaying “Generate D Files” Request Status Showing Pending and Completed



The screenshot shows the 'Generate "D" Files' page in the DQ2 system. The interface includes a navigation bar with 'HOME', 'SURVEY SUBMISSIONS', 'GENERATE "D" FILES', 'ABOUT', and 'CONTACT US'. The main content area has filters for Year (2016-2017), Survey (Survey 2), Filter by Type (Student), and Filter by Format (Career and Technical Education Student Course Schedule, Career and Technical Education Teacher Course, Dropout Prevention Program Data, English Language Learners Information). A 'SUBMIT' button is present below the filters. Below the filters, there are buttons for 'Year: 1617' and 'Survey: 2'. A table displays the request status for various report formats. The table has columns for Report Format, Request Status, and Last Request Date. The 'English Language Learners Information' report format shows a 'Completed' status, while the others show 'Pending'. A 'REQUEST' button is located below the table. The footer contains copyright information and links for Privacy Statement, Public Records, Accessibility, and Contact Us.

Report Format	Request Status	Last Request Date
<input type="checkbox"/> Student Demographic Information	Pending	2017-06-08 15:17:15
<input type="checkbox"/> Student Course Schedule	Pending	2017-06-08 15:17:15
<input type="checkbox"/> Teacher Course	Pending	2017-06-08 15:17:15
<input type="checkbox"/> Career and Technical Education Student Course Schedule		
<input type="checkbox"/> Career and Technical Education Teacher Course		
<input type="checkbox"/> Dropout Prevention Program Data		
<input type="checkbox"/> English Language Learners Information	Completed	2017-06-08 17:05:15

Next Steps/Action Items

- Phase II Pilot – August, If you have questions or are interested in participating in the pilot, please contact us
- Production Rollout, Survey 2 Processing Window, September

Next Steps – Pilot Onboarding

- Setup SSO Account & DQ2 Authorizations
- Setup TIBCO(Secure FTP) Credentials
- Webinar Training, Demonstration
- Submit Files for Testing
- Review Results, Recommendations
- Pilot Complete

Questions?

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