

xlsApp

xls Testopia Integration

USER'S MANUAL

October 8, 2010

Revision Sheet

Release No.	Date	Revision Description
1.0	8/10/2010	Initial Revision

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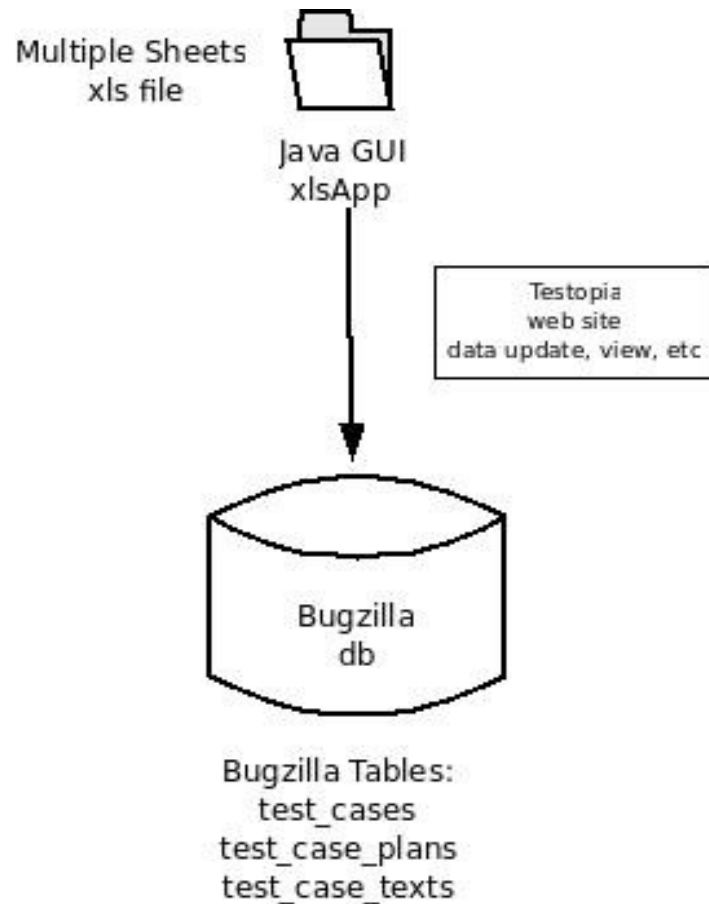
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1.0 GENERAL INFORMATION

1 GENERAL INFORMATION

1.1 1.1 System Overview

The xlsApp application is intended to assist the QA team to upload all the xls test cases into the testopia database. This application is developed using java and mysql database. It access the testopia bd tables using the login credentials. Hence the database security is not compromised.



2.0 GETTING STARTED

1 GETTING STARTED

*//sttky01/pvhome/Public/EngineeringPub/ForFukaya/xls-testopia/xlsApp-package-version7/
Copy the xlsApp-package-version7 which includes xlsApp.jar file.*

1.1 Installing JDK1.6 or above

1.1.1 Starting the Application

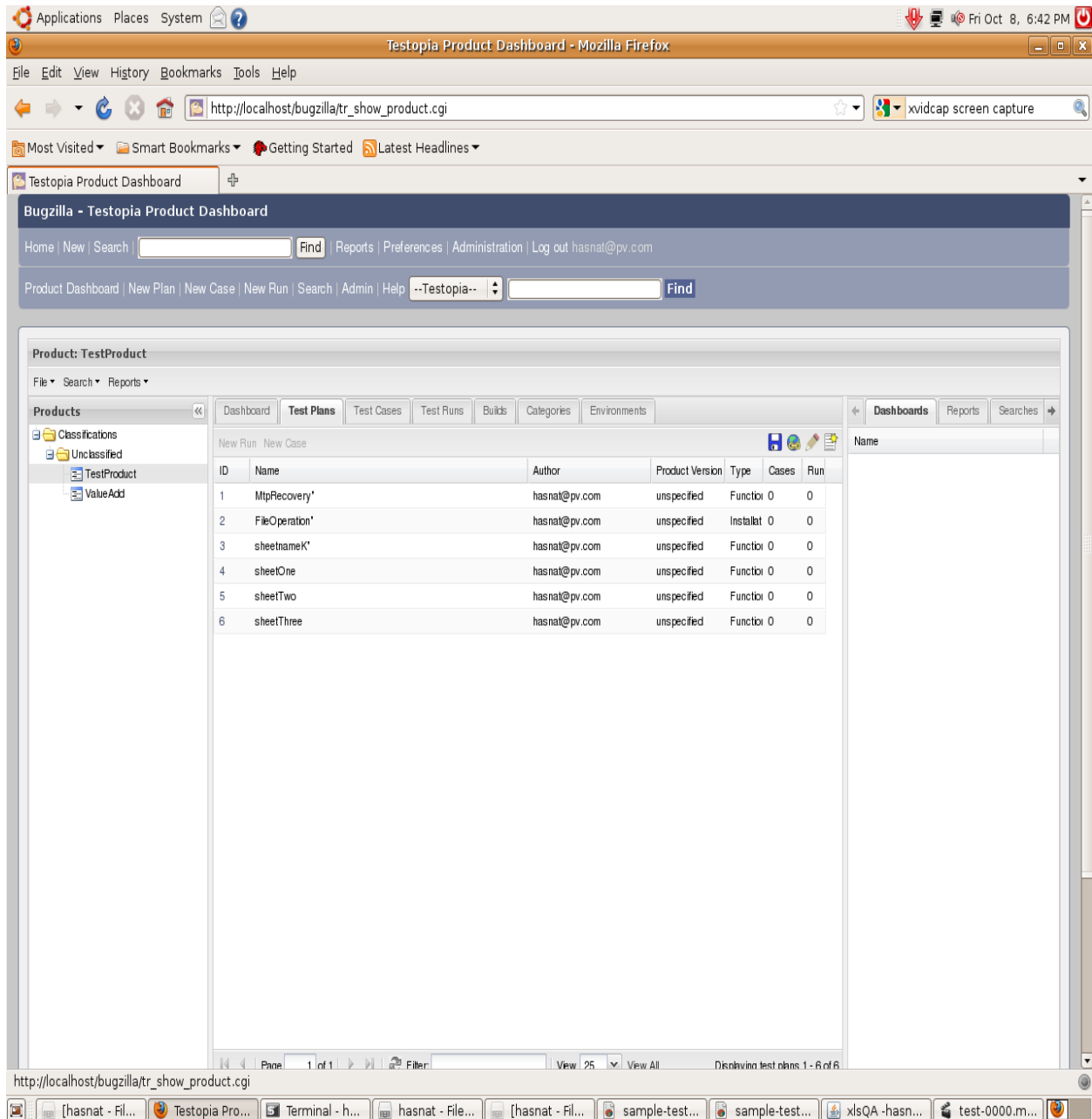
Required library files should be inside the lib/ folder.

- jxl.jar
- log4j-1.2.16.jar
- mysql-connector-java.jar
- ojdbc14.jar
- postgresql-jdbc3.jar
- swing-layout-1.0.4.jar

run the xlsApp.jar using the shell script of by typing in the command line as follows:

#jre/bin/java -jar xlsApp.jar

Step 1: Give entry in to the Test Plan. Each of the Test Plan represents the name of the sheet of xls file. For a xls file with two sheets named FileOperation, mtpRecovery the required Test Case entries should be FileOperation and mtpRecovery.

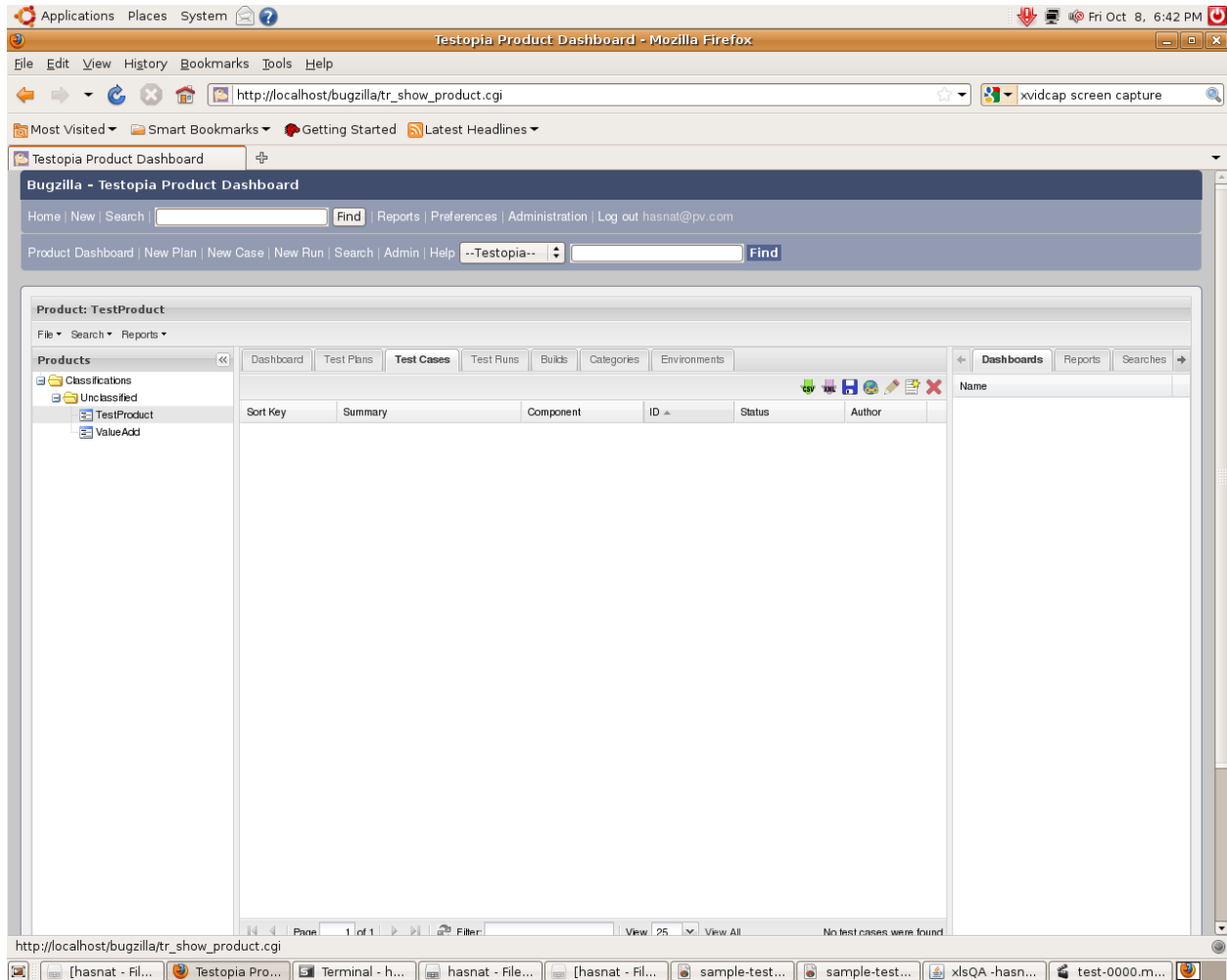


The screenshot shows the Bugzilla Testopia Product Dashboard for 'TestProduct'. The dashboard includes a navigation bar with links like Home, New, Search, Find, Reports, Preferences, Administration, and Log out. Below the navigation bar, there's a section for 'Product: TestProduct' with tabs for Dashboard, Test Plans, Test Cases, Test Runs, Builds, Categories, and Environments. The 'Test Plans' tab is active, displaying a table of test plans.

ID	Name	Author	Product Version	Type	Cases	Run
1	MtpRecovery'	hasnat@pv.com	unspecified	Function	0	0
2	FileOperation'	hasnat@pv.com	unspecified	Installat	0	0
3	sheetnameK'	hasnat@pv.com	unspecified	Function	0	0
4	sheetOne	hasnat@pv.com	unspecified	Function	0	0
5	sheetTwo	hasnat@pv.com	unspecified	Function	0	0
6	sheetThree	hasnat@pv.com	unspecified	Function	0	0

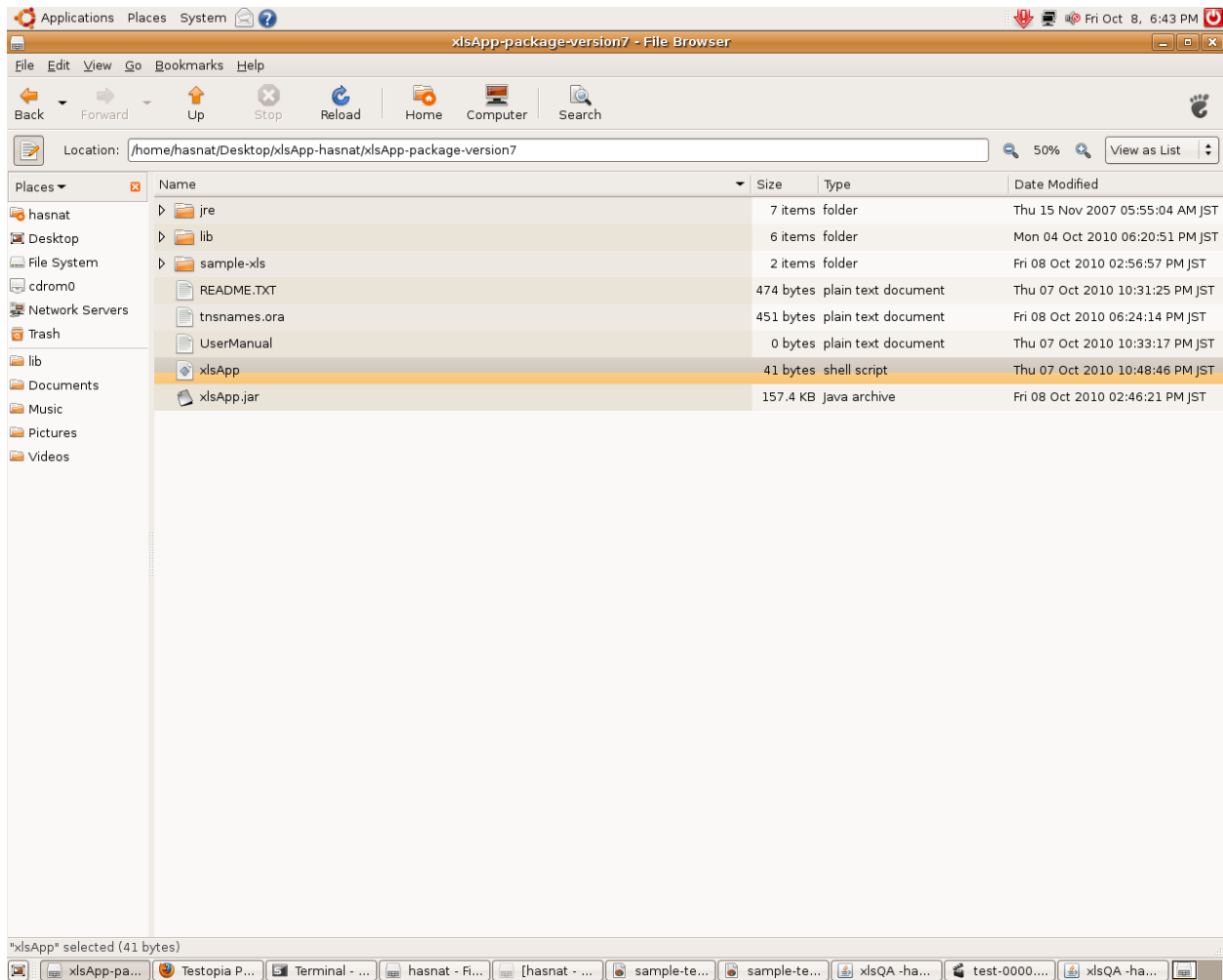
The bottom of the dashboard shows a status bar with 'Page 1 of 1', 'View 25', and 'View All'. The taskbar at the bottom of the browser window shows several open applications, including 'hasnat - Fil...', 'Testopia Pro...', 'Terminal - h...', 'hasnat - File...', 'sample-test...', 'xlsQA - hasn...', and 'test-0000.m...'.

The testopia test case initially with out any test case entry.

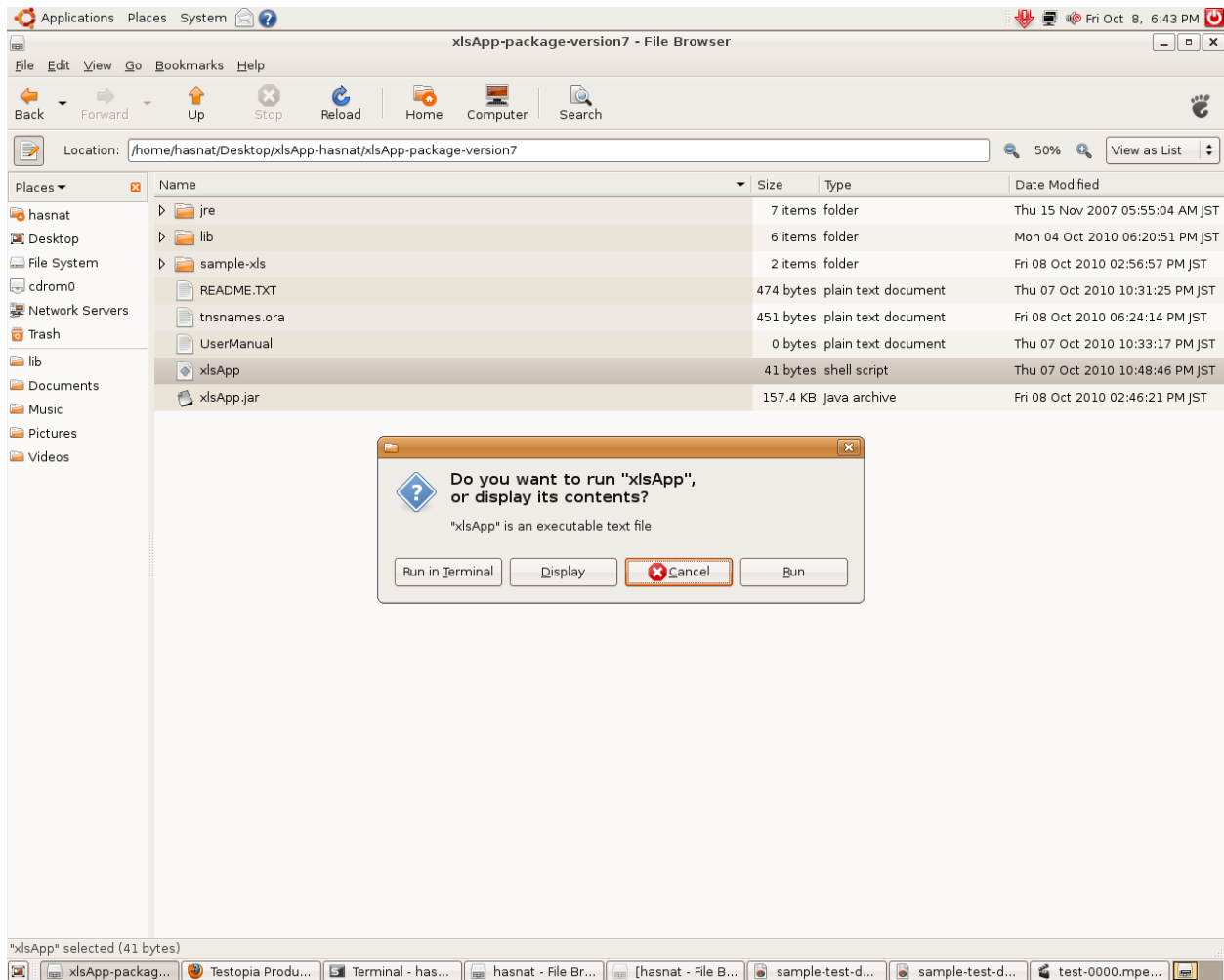


The latest release of the xlsApp.jar is runnable by the shell script xlsApp or by typing from the command prompt as

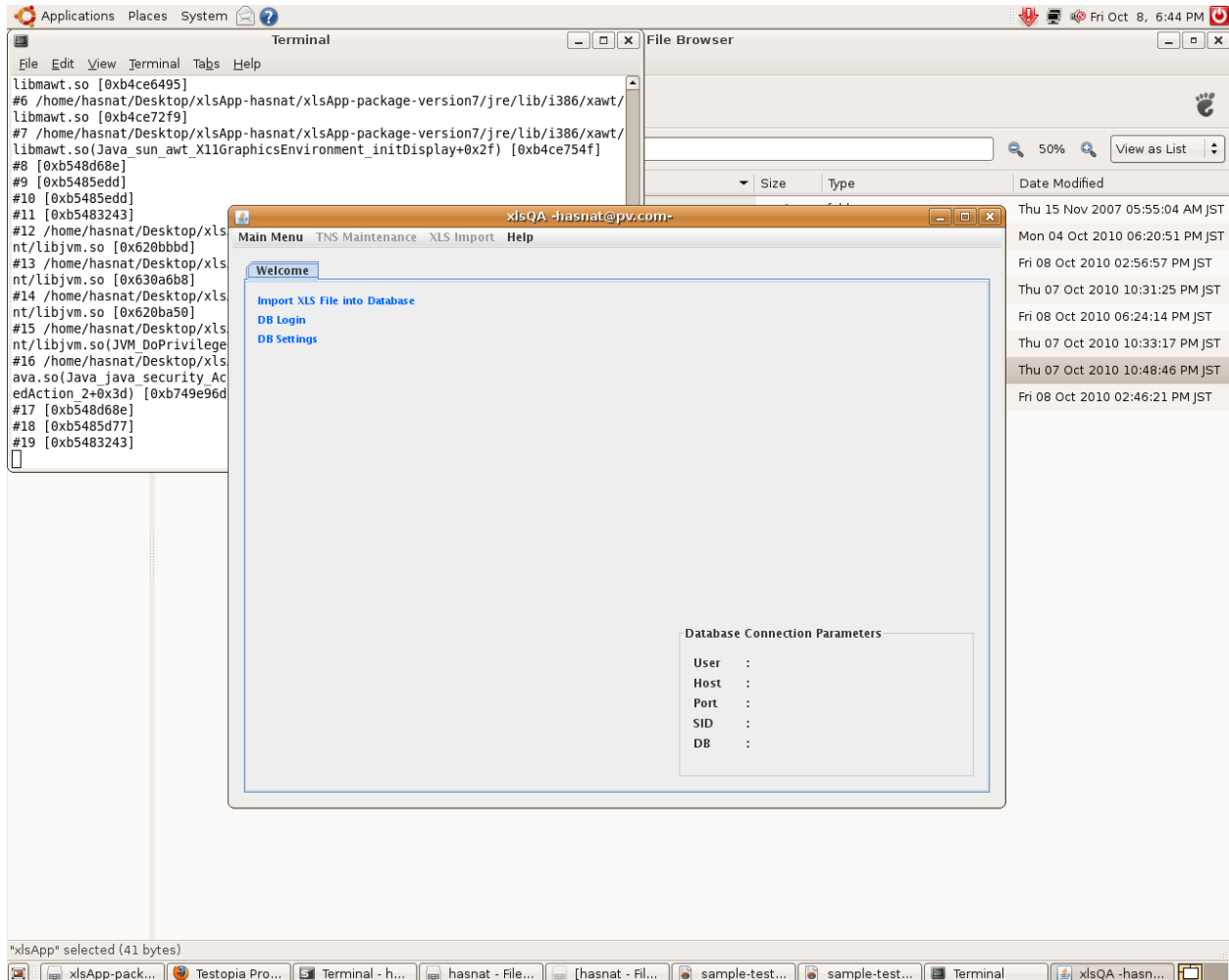
java -jar xlsApp.jar

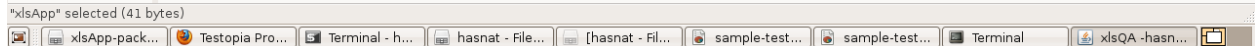


Run or run in terminal

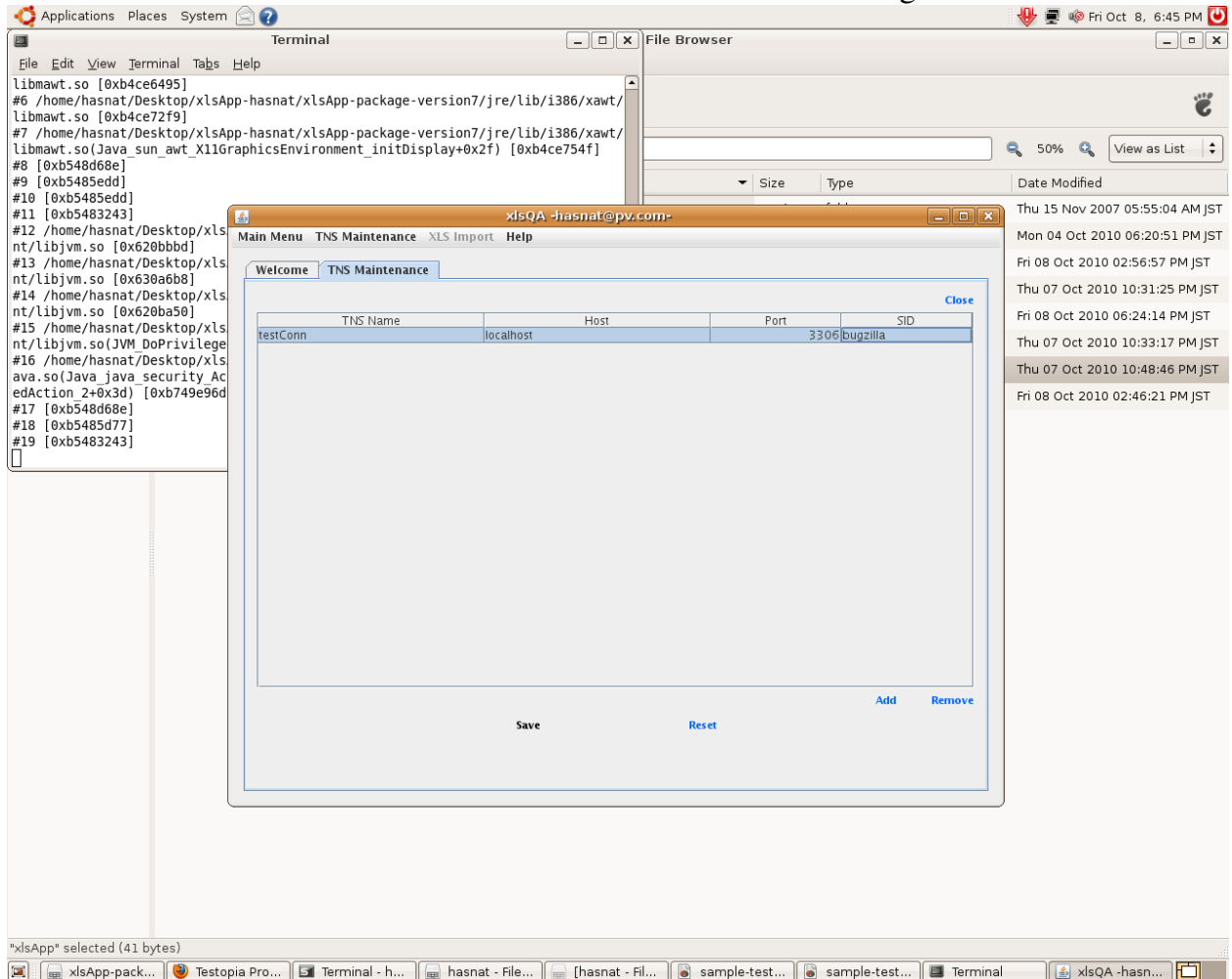


Please don't close the background terminal

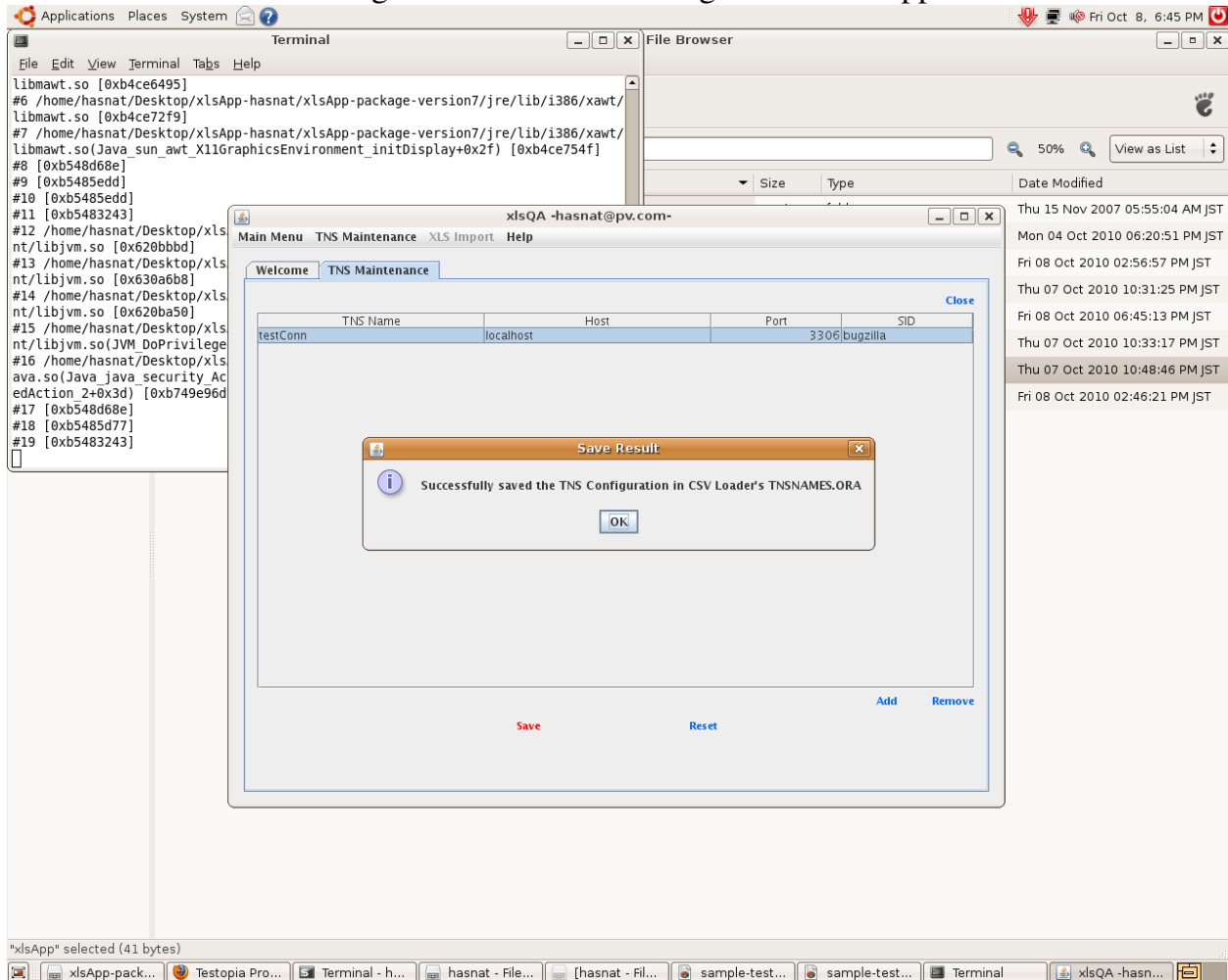




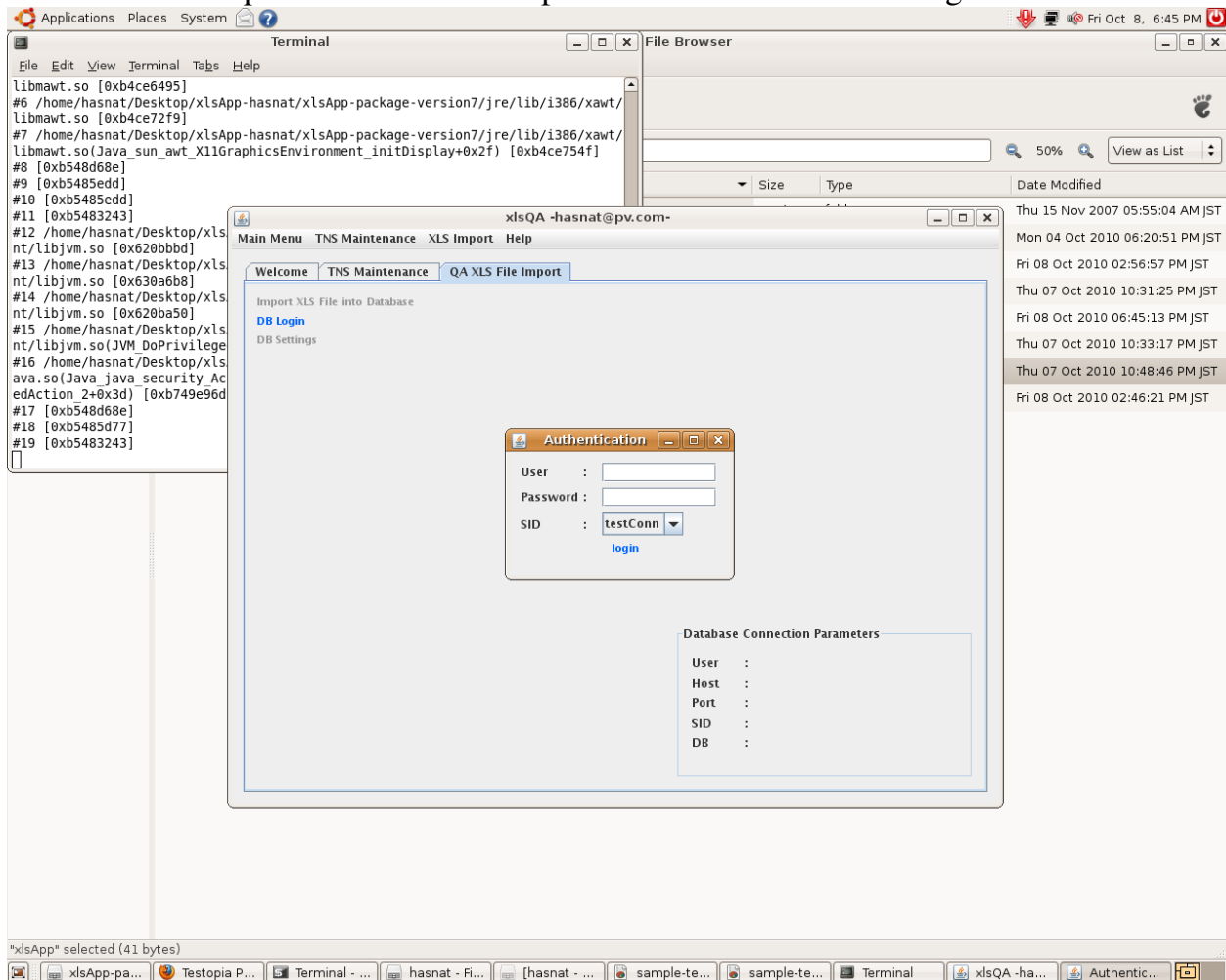
Click the save button for the database settings



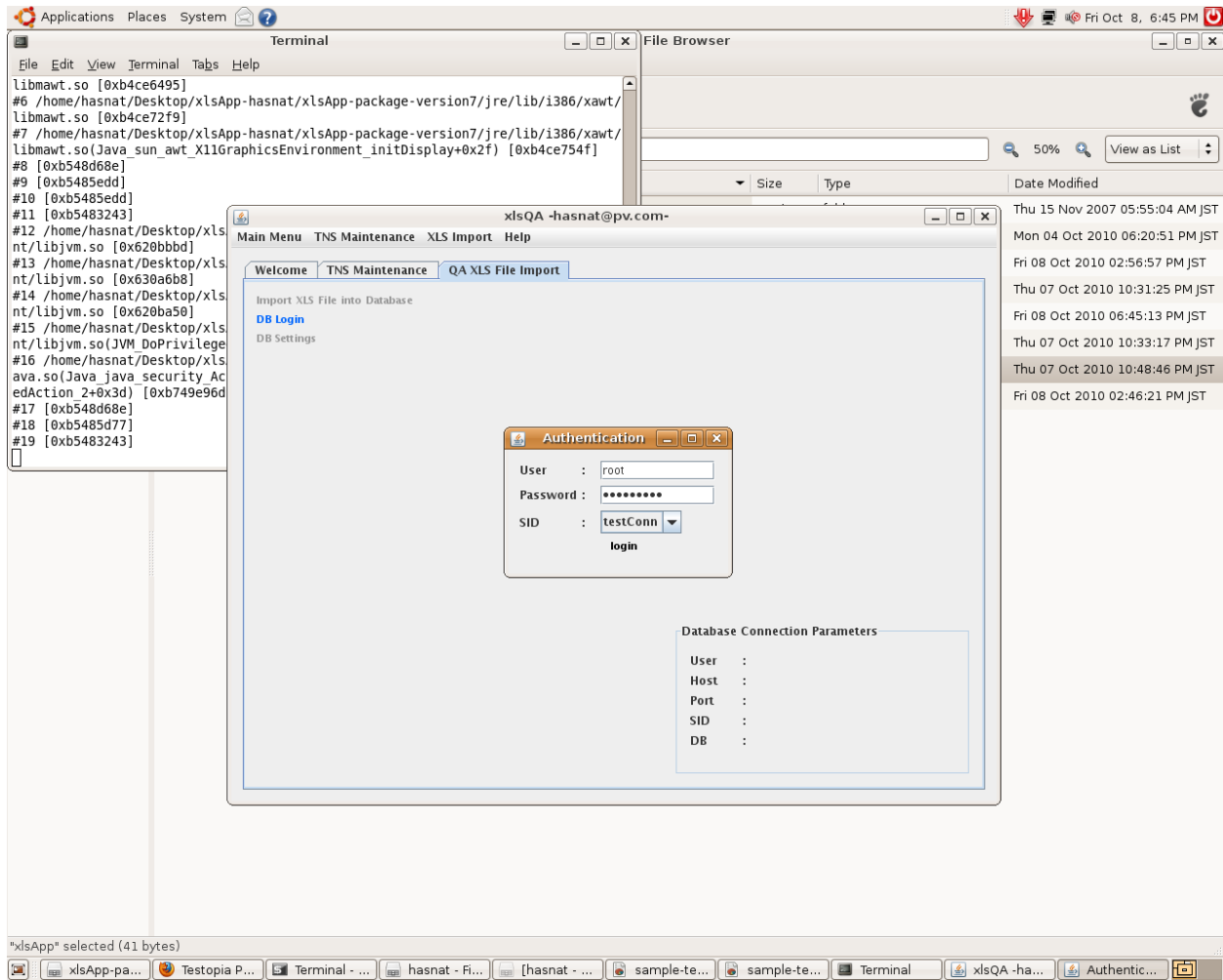
After saving the confirmation dialog box will be appeared.



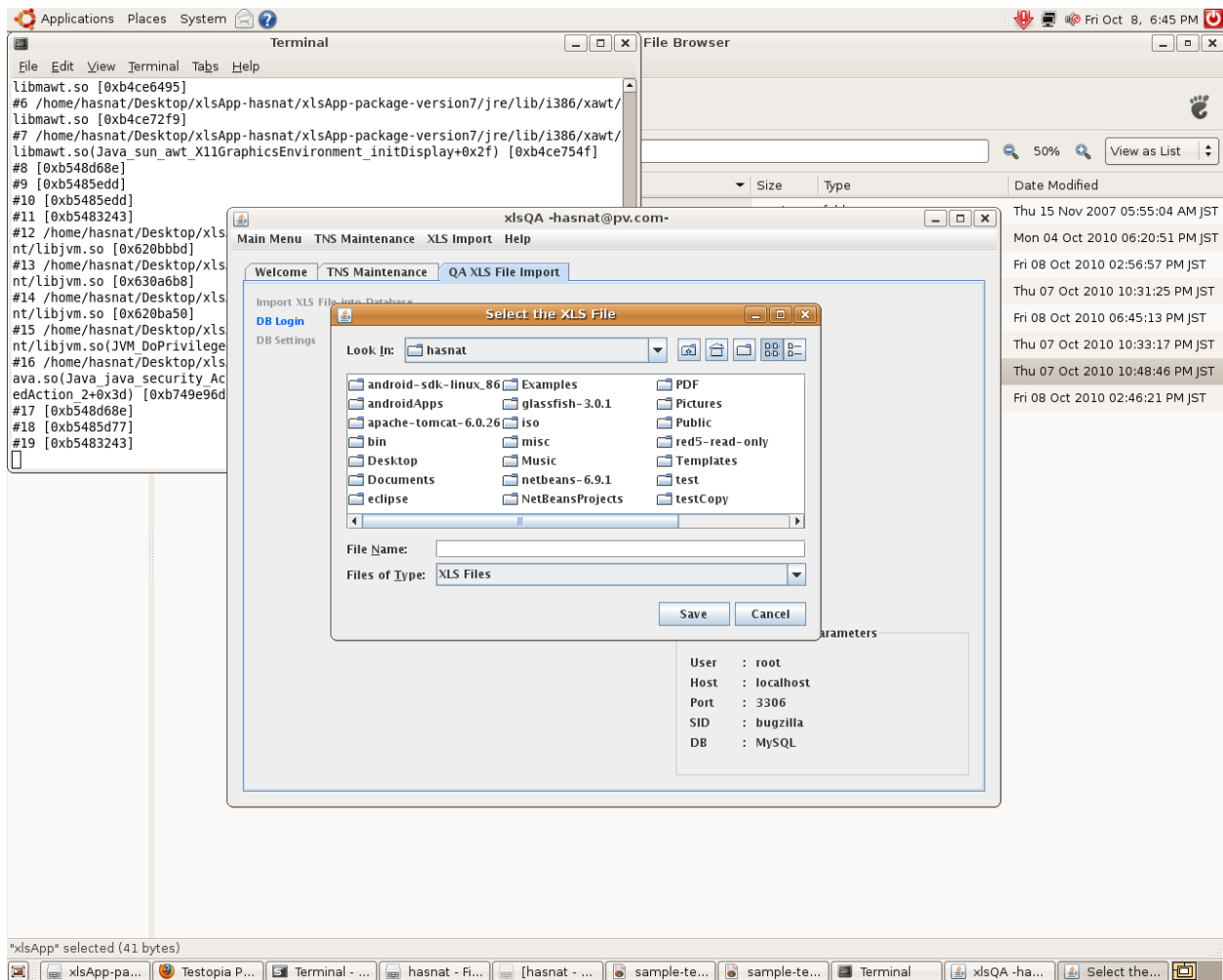
Now log in to the DB system where the testopia (bugzilla) is hosted.
Give input the username and password and then click on login button.



Login



Click the import xls file menu for importing xls test cases in to the databases.

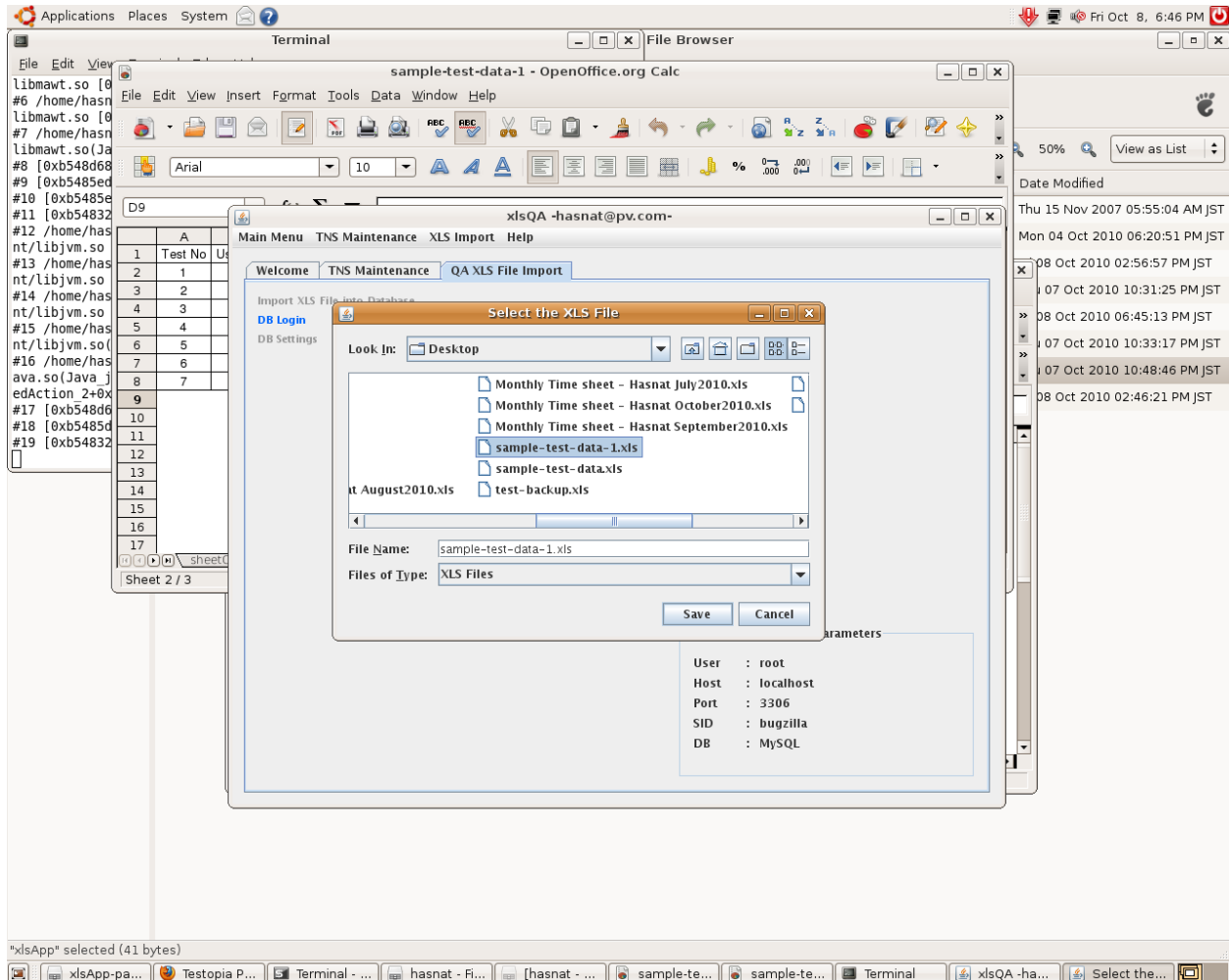


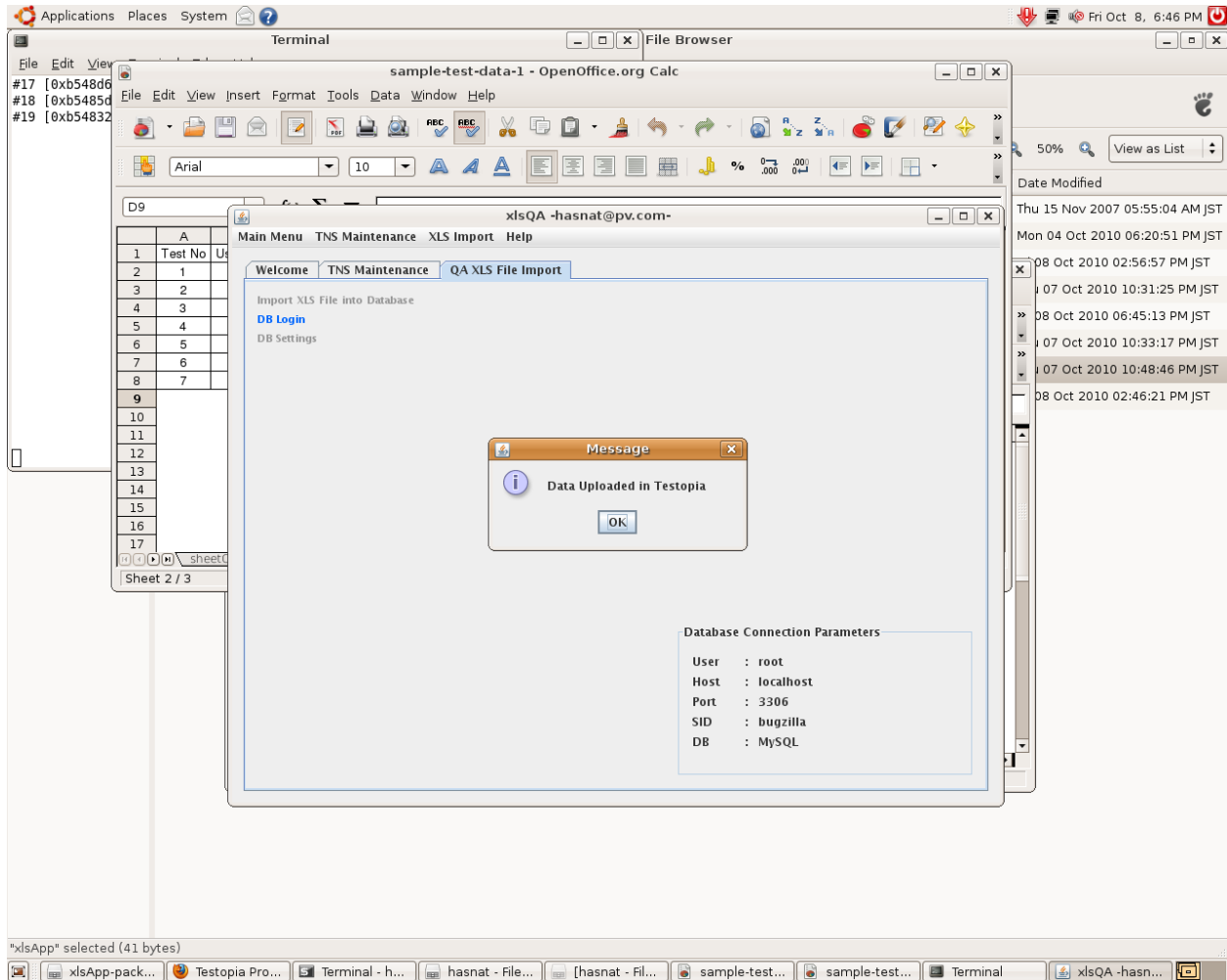
Sample test data entry

The screenshot displays a Linux desktop environment with the following components:

- Terminal Window:** Shows a series of commands and their outputs, including file paths and hex values.
- OpenOffice.org Calc Window:** Titled "sample-test-data-1 - OpenOffice.org Calc". It contains a spreadsheet with the following data:

	A	B	C	D
1	Test No	Use Case	Description	Expected Results
2	1	2.B.a	2C1	2D1
3	2	2.B.b	2C2	2D2
4	3	2.B.c	2C3	2D3
5	4	2.B.d	2C4	2D4
6	5	2.B.e	2C5	2D5
7	6	2.B.f	2C6	2D6
8	7	2.B.g	2C7	2D7
- File Browser Window:** Shows a list of files and folders, including a "Date Modified" column with timestamps.
- Taskbar:** Displays various application icons at the bottom of the screen.





Check from the testopia web front and cross check the xls test cases.

The screenshot displays the Testopia Product Dashboard in Mozilla Firefox. The browser address bar shows `http://localhost/bugzilla/tr_show_product.cgi`. The dashboard is titled "Bugzilla - Testopia Product Dashboard" and includes navigation links for Home, New, Search, Reports, Preferences, Administration, and Log out. The main content area is for "Product: TestProduct" and shows a list of test cases under the "Test Cases" tab. The test cases are organized into three sheets: "sheetOne" (6 items), "sheetTwo" (7 items), and "sheetThree" (4 items). Each sheet lists test cases with IDs, summaries, components, and statuses. All listed test cases are confirmed.

Sort Key	Summary	Component	ID	Status	Author
Plan: 4: "sheetOne" (6 Items)					
*1.B.1			1	CONFIRMED	hasnat
*1.B.2			2	CONFIRMED	hasnat
*1.B.3			3	CONFIRMED	hasnat
*1.B.4			4	CONFIRMED	hasnat
*1.B.5			5	CONFIRMED	hasnat
*1.B.6			6	CONFIRMED	hasnat
Plan: 5: "sheetTwo" (7 Items)					
*2.B.a			7	CONFIRMED	hasnat
*2.B.b			8	CONFIRMED	hasnat
*2.B.c			9	CONFIRMED	hasnat
*2.B.d			10	CONFIRMED	hasnat
*2.B.e			11	CONFIRMED	hasnat
*2.B.f			12	CONFIRMED	hasnat
*2.B.g			13	CONFIRMED	hasnat
Plan: 6: "sheetThree" (4 Items)					
*3B.a			14	CONFIRMED	hasnat
*3B.b			15	CONFIRMED	hasnat
*3B.c			16	CONFIRMED	hasnat
*3B.d			17	CONFIRMED	hasnat

The dashboard also includes a sidebar with "Products" and "Classifications" sections. The "Products" section lists "TestProduct" and "ValueAdd". The "Classifications" section lists "Unclassified". The dashboard also includes a "Dashboards" section with "Reports" and "Searches" links. The bottom of the dashboard shows a pagination bar with "Page 1 of 1" and a "Filter" button. The browser's taskbar at the bottom shows several open applications, including "xlsApp-pack...", "Testopia Pro...", "Terminal - h...", "hasnat - File...", "[hasnat - Fil...", "sample-test...", "sample-test...", "Terminal", and "xlsQA - hasn..."

The screenshot shows a web browser window titled "Testopia Product Dashboard - Mozilla Firefox" with the URL `http://localhost/bugzilla/tr_show_product.cgi`. The dashboard includes navigation links like Home, New, Search, Find, Reports, Preferences, Administration, and Log out. A sidebar on the left shows the product structure: Product: TestProduct, Search, Reports, Products, Classifications, Unclassified, TestProduct, and ValueAdd.

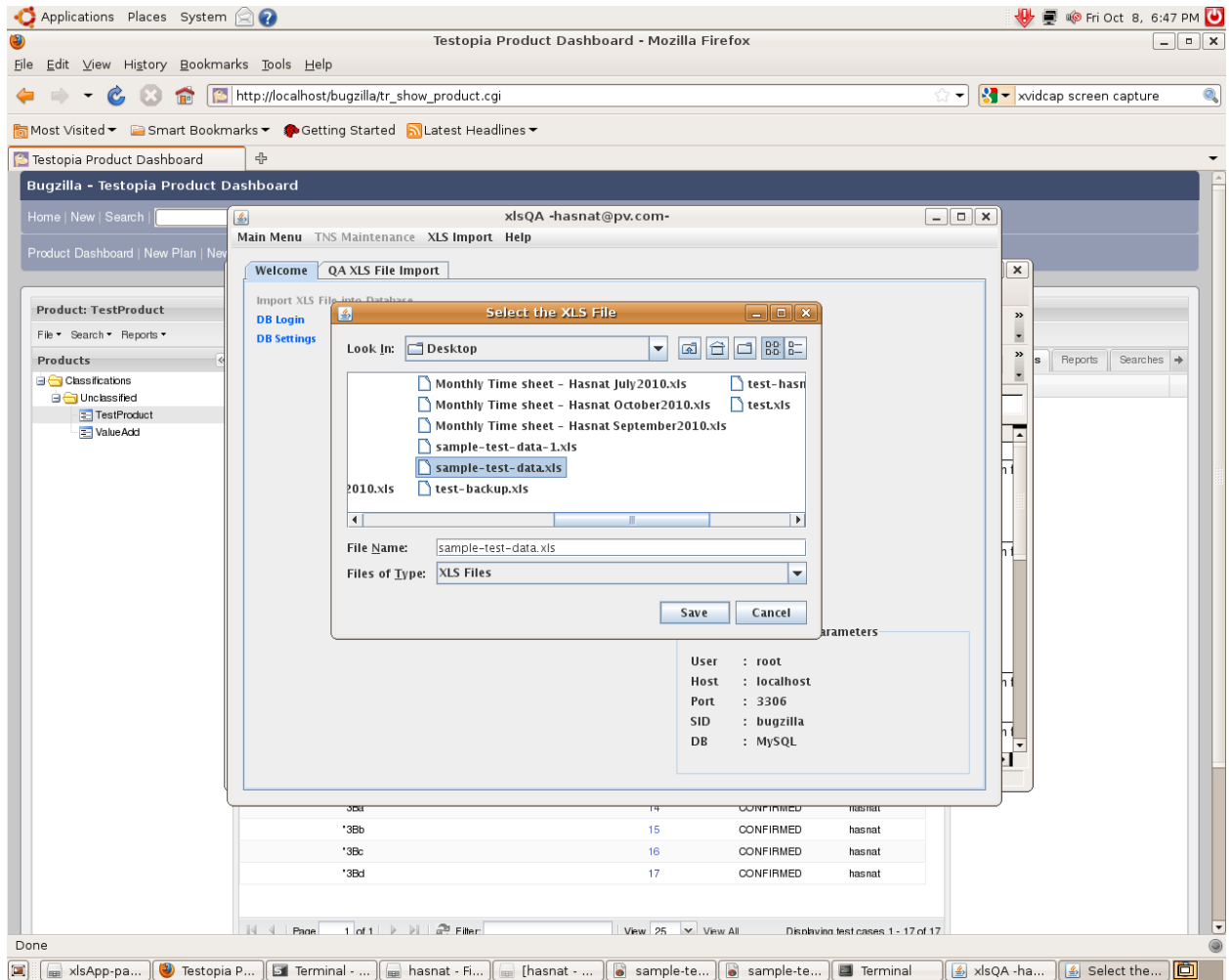
Overlaid on the dashboard is an OpenOffice Calc window titled "sample-test-data - OpenOffice.org Calc". The spreadsheet contains test data with the following table:

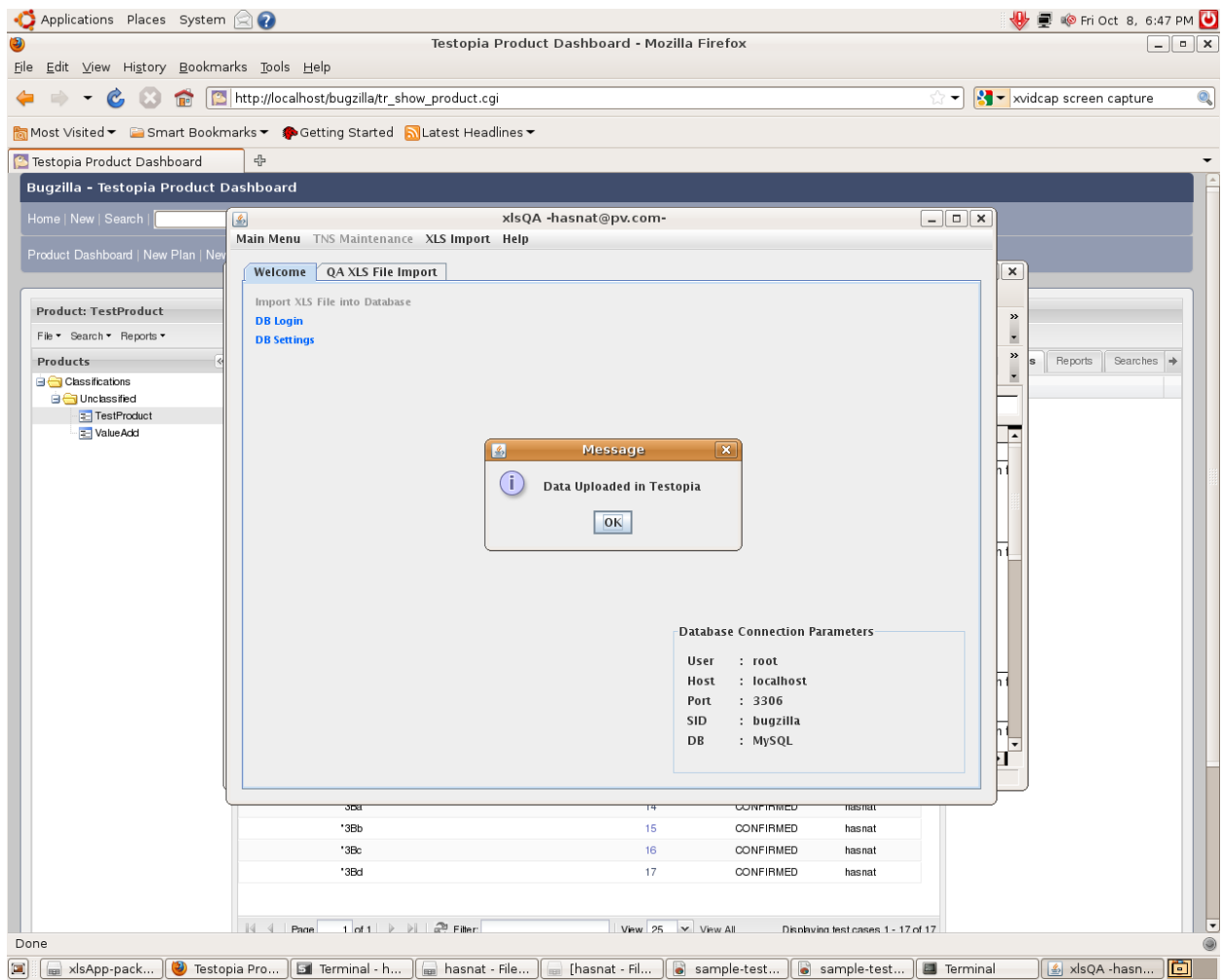
	A	B	C	D	E
1	Test No	Test Name	Use Case	Description	Expected Result
2	1	Content Enumeration-1	Enumerate content transferred through MTP using a PC client like WMP11 or Rhapsody.	Transfer music, video and image files using a PC client. Test: WMA, MP3, M4A, M4B, MP4-audio, WMV, MP4-video, JPG	All files can be seen in explorer.
3	2	Content Enumeration-2	Enumerate content copied using memory card reader.	Copy music, video and image files to the memory card using the PC with a sd-card reader. - Following Directory depth should be tested: Root, 2nd and 5th - Test: WMA, MP3, M4A, M4B, MP4-audio, WMV, MP4-video, 3GP, JPG, TXT, XML	All files can be seen in explorer
4	3	Content Enumeration-3	Enumerate images taken by the Camera application.	Image files created using the camera application.	All files can be seen in explorer
5	4	Content Enumeration-4	Enumerate videos taken by the Camera application.	Image files created using the camcorder application.	All files can be seen in explorer

Below the main table, there is a summary table with the following data:

PageStyle_FileOperation	100%	STD	Sum=0
*3Ba	14	CONFIRMED	hasnat
*3Bb	15	CONFIRMED	hasnat
*3Bc	16	CONFIRMED	hasnat
*3Bd	17	CONFIRMED	hasnat

The taskbar at the bottom shows several open applications: xlsApp-pack..., Testopia Pro..., Terminal - h..., hasnat - File..., [hasnat - Fi..., sample-test..., sample-test..., Terminal, and xlsQA - hasn...





The description and test details data also manipulated from the xls to the testopia.

The screenshot displays the Testopia web application in a Mozilla Firefox browser. The address bar shows the URL `http://localhost/bugzilla/tr_show_case.cgi?case_id=25`. The browser's title bar indicates the page is titled "Test Case 25: (SHRPA_353) Transfer clips -> Replace DB file with corrupted one -> Recover-B".

The application interface includes a navigation bar with links: "Product Dashboard", "New Plan", "New Case", "New Run", "Search", "Admin", and "Help". A search bar is also present.

The main content area shows the details for "Test Case 25: (SHRPA_353) Transfer clips -> Replace DB file with corrupted one -> Recover-B". The "Case Summary" section includes the following information:

Author	Requirement	Created
hasnat <hasnat@pv.com>		2010-10-08 18:47:42 JST

Tester	Estimated Time	Average Time	Automated
	(H:M:S)	0:0:0 (H:M:S)	NO

Category	Priority	Status
AndroidMTP	P1	CONFIRMED

Below the summary, there are tabs for "Action / Expected Results", "Set Up / Break Down", "Change History", "Case Run History", "Attachments", "Bugs", "Components", "Dependencies", and "Automation". The "Action / Expected Results" tab is currently selected.

The "Action" section contains a text area with the following steps:

1. Establish MTP connection.
2. Transfer a WMA, a WMV, an MP3, a JPG file to G1 device through MTP-USB by WMP11.
3. Transfer an MP4 & an M4A file to G1 device through MTP-USB by Rhapsody.
4. Copy a txt file to G1 device through explorer.
5. Terminate MTP connection.
6. Remove SDcard & insert it to SD card reader & connect to PC.
7. Replace db file with corrupted one.
8. Put SDcard into G1 device again.
9. Establish MTP connection again.
10. Check if all clips can be seen in explorer (PV_ANDROID -> EXTERNAL_STORAGE_DEVICE).
11. Terminate MTP connection.
12. Check the following metadata in db file in SDcard again with SQLite. Title Name: DB_Song_Title or DB_Video_Title or DB_Picture_Title File Name: DB_Song_FileName or DB_Video_FileName or DB_Picture_FileName Artist Name (WMA, MP3, M4A only) : Album Name (WMA, MP3, M4A only) : Genre (WMA, MP3, M4A only) : Track Number (except JPG) : DB_Song_Track_ID or DB_Video_Track_ID

The "Expected Results" section contains a text area with the following text:

In step 10, all transferred contents are shown on explorer. In step 12, all metadata in db file correspond with that of original contents.

The bottom of the interface shows a taskbar with several open applications: "xlsApp-pack...", "Test Case 2...", "Terminal - h...", "hasnat - File...", "[hasnat - Fil...", "sample-test...", "sample-test...", "Terminal", and "xlsQA - hasn...".