

XRAYS SLOCA Test Case Form						
System Name/Version	XRAYS SLOCA	Prepared by	Samantha and Yigang	Prepared Date	3rd October 2017	
SubsystemName:	Test Case - Bootstrap Page Features	Tested by	amos	Test Date	30 Oct 2017	
Test No.:	1	Checked by	ygiang	Checked Date	30 Oct 2017	
Scenario 1: To test XRAYS SLOCA Bootstrap Page Features						
Case ID	Test Scenario	Test Steps	Test Data (if any)	Expected Result	Actual Result	Pass / Fail
1-1	Wrong file type uploaded	1. Login as admin 2. Click "choose file" button 3. Select a .rar extension file 4. Click submit	wrongTypeFiles.rar	Error message [Uh oh! It seems that you have uploaded an invalid file format. Only Zip files are accepted here!] should be shown	Error message "Uh oh! It seems that you have uploaded an invalid file format. Only Zip files are accepted here!" displayed on the admin page	Pass
1-2	Incorrect number of files within uploaded zip file	1. Login as admin 2. Upload zip file with 2 CSVs	2FilesInside.zip	Error Message [It seems that the contents in the zip file are not what we expected.] should be shown	Error message "It seems that the contents in the zip file are not what we expected." displayed on the admin page	Pass
1-3	3 CSV files are incorrectly named	1. Login as admin 2. Upload zip file with 3 CSVs	3FilesWithIncorrectName.zip	Error message [It seems that the contents in the zip file are not what we expected.] should be shown	Error message "It seems that the contents in the zip file are not what we expected." displayed on the admin page	Pass
1-4	3 files that are correctly named but incorrect file type	1. Login as admin 2. Upload zip file with Demographic.txt	3FilesWithDemoTxt.zip	User should be able to see the error message "It seems that the contents in the zip file are not what we expected." displayed on the admin page	Error message "It seems that the contents in the zip file are not what we expected." displayed on the admin page	Pass
1-5	Zip file uploaded containing 3 CSV files that are correctly named	1. Login as admin 2. Upload zip file with 3 CSVs	3FilesCorrectName.zip	User should be able to see the success message along with the results	Success message along with the results is shown	Pass
1-6	Database contains existing data	1. Login as admin 2. Upload zip file with 3 CSVs	3FilesCorrectName.zip	Database truncates existing data before loading new data in	Success message along with the results is shown	Pass
DEMOGRAPHICS.CSV						
2-1	Incorrect column count	1. Login as admin 2. Upload correctly named zip file with 3 correctly named CSV files	withoutGenderColumn.zip	Error Message should be shown [Uh oh! You have successfully bootstrap, however some rows did not make it in!]	Error Message [Uh oh! You have successfully bootstrap, however some rows did not make it in!] along with the results of the rows is shown	Pass

2-2	CSV file has blank fields	1. Login as admin 2. Upload correctly named zip file with 3 correctly named CSV files	TestCase2-1.zip demographic.csv has - one row with blank mac_address field - one row with blank name field - one row with blank password field - one row with blank email field - one row with blank gender field - one row with blank mac_address, name, password - one row with blank password, email, gender	Error Message should be shown [Uh oh! You have successfully bootstrap, however some rows did not make it in!]	Error Message should be shown [Uh oh! You have successfully bootstrap, however some rows did not make it in!] However, row with blank name goes in and rows with multiple blank fields do not specify which column contains the blank data	Fail
2-3	Incorrect mac-address length	1. Login as admin 2. Upload correctly named zip file testInvalidContent.zip	02e66bb0	Invalid mac address	Invalid mac address	pass
2-4	Mac-address contains "***"		02e83a44cedc9bf22c692a53041bbe4bed5ea32*	Invalid mac address	Invalid mac address	pass
2-5	Password is less than 8 characters		qwerty	Invalid password	Invalid password	pass
2-6	Password contains white space		qwerty 322	Invalid password	Invalid password	
2-7	Email has incorrect format		2016.aaravamuthan.pillay@economics.smu.edu.sg	Invalid email	error message "ah oh, for input string,	fail
2-8	Email contains characters other than alphanumeric ,dots, and "@"		aaravamuthan_pillay.2016@economics.smu.edu.sg	Invalid email	Invalid email	pass
2-10	Email contains invalid school name		aaravamuthan.pillay.2016@med.smu.edu.sg	Invalid email	Invalid email	pass
2-11	Email has year earlier than 2013		aaravamuthan.pillay.2011@economics.smu.edu.sg	Invalid email	Invalid email	pass
2-12	Email has year later than 2017		aaravamuthan.pillay.2019@economics.smu.edu.sg	Invalid email	Invalid email	pass
2-13	Gender is invalid		g	Invalid gender	Invalid gender	pass
2-14	Gender is uppercase		F	row added in	row added in	pass
2-15	Gender is lower case		m	row added in	row added in	pass

2-16	All field and data are valid		09664ffecab3da623edf4a0f56512d6f070d64f7, Adaline Lam, zxcvbn1748,adaline.lam.2014@sis.smu.edu.sg,F	row added in	row added in	pass
LOCATION.CSV						
3-1	Incorrect column count	1. Login as admin 2. Upload correctly named zip file with 3 correctly named CSV files	location.csv has 4 columns	Error Message should be shown [Uh oh! You have successfully bootstrap, however some rows did not make it in!]	Error Message should be shown [Uh oh! You have successfully bootstrap, however some rows did not make it in!]	pass
3-2	CSV file has blank fields	1. Login as admin 2. Upload correctly named zip file with 3 correctly named CSV files	location.csv has - one row with blank timestamp field - one row with blank mac-address field - one row with blank location-id field - one row with blank timestamp and blank mac-address - one row with all 3 blank fields	Error Message should be shown [Uh oh! You have successfully bootstrap, however some rows did not make it in!]	Error Message should be shown [Uh oh! You have successfully bootstrap, however some rows did not make it in!] However, rows with multiple blank fields do not specify which column contains the blank data	fail
3-3	Incorrect timestamp format	1. Login as admin 2. Upload correctly named zip file with 3 correctly named CSV files	26-11-2015 20:25:00	Invalid timestamp format	Invalid timestamp format	pass
3-4	Incorrect mac-address length		9ebf2	Invalid mac-address	Invalid mac-address	pass
3-5	Invalid location, location-id not found in location lookup		not in location-lookup.csv	[Foreign Key Contstraint]	[Foreign Key Contstraint]	pass
3-6	Duplicate row: both timestamp and mac-address exists already	1. Login as admin 2. Upload correctly named zip file with 3 correctly named CSV files	2015-11-26 20:20:00,90c1682bab4744edc475fe a1700c7032343994b3, 1010200110 2015-11-26 20:20:00,90c1682bab4744edc475fe a1700c7032343994b3, 1010200110	Discard the existing row in the database Print error message returned showing [Duplicate Row] Current new row will be inserted into database	duplicate row	pass
3-7	All field and data are valid	1. Login as admin 2. Upload correctly named zip file with 3 correctly named CSV files	2015-11-26 20:25:00,90c1682bab4744edc475fe a1700c7032343994b3, 1010200110	Row is successfully accepted into the system	this row is added to database	pass
LOCATION_LOOKUP.CSV						
4-1	Incorrect column count	1. Login as admin 2. Upload correctly named zip file with 3 correctly named CSV files	location.csv has 1 columns	location_lookup.csv is not accepted into system	location_lookup.csv is not accepted into system throw list of messages [rows contain less than or more than 2 fields]	pass

4-1	CSV file has blank fields	1. Login as admin 2. Upload correctly named zip file with 3 correctly named CSV files	location_lookup.csv has - one row with blank location_id field - one row with blank semantic_place field	Rows with blanks are discarded	Error Message should be shown [Uh oh! You have successfully bootstrap, however some rows did not make it in!] However, rows with multiple blank fields do not specify which column contains the blank data	fail
4-1	Location_id is negative	1. Login as admin 2. Upload correctly named zip file with 3 correctly named CSV files	-1001023404, SMUSISB1LOBBY	Row 29,31-33 are discarded; Row 34 is accepted into system; Row 30: Discard the existing row in the database, current new row will be inserted into database	invalid location id	pass
4-2	Location-id has already been read in		1010100007, SMUSISL1LOBBY 1010100007, SMUSISL1LOBBY		duplicate row	pass
4-3	Semantic-place doesn't have either "SMUSISL" or "SMUSISB" at the beginning		1010100005, SMUSISL1LOBBY		invalid semantic place	pass
4-4	Semantic-place has invalid level number (Less than 1)		1010100005, SMUSISL0LOBBY		invalid semantic place	fail
4-5	Semantic-place has invalid level number (More than 5)		1010100005, SMUSISL9LOBBY		invalid semantic place	fail
4-6	Semantic-place exists already		1010100006, SMUSISL1LOBBY 1010100007, SMUSISL1LOBBY		duplicate row	pass
4-7	All fields and data are valid	1. Login as admin 2. Upload correctly named zip file with 3 correctly named CSV files	2010300008, SMUSISL1WAITINGAR EA	Row added to system	Row added to system	pass