XRAYS SLOCA Test Case Form					
System Name/Version	XRAYS SLOCA	Prepared by	YiGang	Prepared Date	12nd October 2017
SubsystemName:	Test Case - TopK Popular Places	Tested by	Rainean	Test Date	19th October 2017
Test No.:	4	Checked by	Amos	Checked Date	19th October 2017

Scenario 1: To test XRAYS SLOCA Basic location report Top K Popular places Features

Case ID	Test Scenario	Test Steps	Test Data (if any)	Expected Result	Actual Result	Pass / Fail
1	user doesn't specify a topK value	1. go to topK Popular places page 2. leave rank field blank 3. type in valid date	DateTime: 2017-02-06 12:45:00 Rank : Default	success Rank Semantic-Place Count 1 SMUSISL3SR3.2 34 2 SMUSISL3SR3.4 22 3 SMUSISL3SR3.1 , SMUSISL3CLSRM 12	success Rank Semantic-Place Count 1 SMUSISL3SR3.2 34 2 SMUSISL3SR3.4 22 3 SMUSISL3SR3.1 , SMUSISL3CLSRM 12	Pass
2	user selects a k value that is bigger than the available ranks	1. go to topK Popular places page 2. type rank field as 10 3. type in a valid date	DateTime: 2017-02-06 12:45:00 Rank : 10	success Rank Semantic-Place Count 1 SMUSISL3SR3.2 34 2 SMUSISL3SR3.4 22 3 SMUSISL3SR3.1 , SMUSISL3CLSRM 12 4 SMUSISL3StudyArea1 6 5 SMUSISL1FilteringArea 3 6 SMUSISL1NearSubway , SMUSISL1ReceptionAndLobby 2 7 SMUSISL4OusideAcadOffice2 , SMUSISL3StudyArea2 1	success Rank Semantic-Place Count 1 SMUSISL3SR3.2 34 2 SMUSISL3SR3.4 22 3 SMUSISL3SR3.1 , SMUSISL3CLSRM 12 4 SMUSISL3StudyArea1 6	Fail
3	no data for the input date	1. go to topK Popular places page 2. type a valid rank 3. type in a date that has no location data in the database	DateTime: 2013-02-06 12:45:00 Rank : 10	No Data	Page gets stuck at TopKPopularPlacesController	Fail
4	More than one update from a device in the processing window for the same semantic place, count the device only once	1. go to topK Companions page 2. type in a valid rank 3. type in a valid date	DateTime: 2013-02-06 12:45:00 Rank : 3	success Rank Semantic-Place Count 1 SMUSISL3SR3.2 34 2 SMUSISL3SR3.4 22 3 SMUSISL3SR3.1 , SMUSISL3CLSRM 12	success Rank Semantic-Place Count 1 SMUSISL3SR3.2 34 2 SMUSISL3SR3.4 22 3 SMUSISL3SR3.1 , SMUSISL3CLSRM 12	Pass
5	More than one update from a device in the processing window for different semantic place, count the device for the last semantic place	1. go to topK Companions page 2. type in a valid rank 3. type in a valid date	DateTime: 2013-02-06 12:45:00 Rank : 3	success Rank Semantic-Place Count 1 SMUSISL3SR3.2 34 2 SMUSISL3SR3.4 22 3 SMUSISL3SR3.1 , SMUSISL3CLSRM 12	success Rank Semantic-Place Count 1 SMUSISL3SR3.2 34 2 SMUSISL3SR3.4 22 3 SMUSISL3SR3.1 , SMUSISL3CLSRM 12	Pass
6	2 Semantic places have same number of device updates	1. go to topK Companions page 2. type in a valid rank 3. type in a valid date	DateTime: 2013-02-06 12:45:00 Rank : 3	success Rank Semantic-Place Count 1 SMUSISL3SR3.2 34 2 SMUSISL3SR3.4 22 3 SMUSISL3SR3.1 , SMUSISL3CLSRM 12	success Rank Semantic-Place Count 1 SMUSISL3SR3.2 34 2 SMUSISL3SR3.4 22 3 SMUSISL3SR3.1 , SMUSISL3CLSRM 12	Pass