System Test Plan

By Rishi Jeswani

userRJ.txt

```
Unset

USERNAME,FIRST_NAME,LAST_NAME

ssoshi29,Siddhant,Soshi

rpeswan2,Rishi,Peswani

odamah123,Sam,O'Draharay

schang24,Stella,Chang

kmudvat2,Kashyap,Mudavat
```

connectionsR.txt

```
CONNECTION_ID,USERNAME1,USERNAME2,CONNECTED_SINCE_DATE,SOCIAL_MEDIA_PLATFORM

YGWT2496,rpeswan2,kmudvat2,Sat Jul 18 23:30:45 EDT 2020,Snapchat

YQLY8311,odamah123,kmudvat2,Mon Jan 02 15:33:47 EST 2023,Discord

POJS9203,odamah123,schang24,Sun Dec 24 13:08:22 EST 2017,Instagram

RRSX6063,schang24,rpeswan2,Sun Feb 06 12:06:46 EST 2022,YouTube

QEKY3547,rpeswan2,odamah123,Fri Oct 04 23:39:25 EDT 2013,WeChat

HGZZ9438,kmudvat2,rpeswan2,Mon Jul 06 10:26:48 EDT 2020,LinkedIn

ROGF8175,kmudvat2,odamah123,Tue Oct 25 01:14:24 EDT 2022,LinkedIn

AOXU0260,rpeswan2,schang24,Sat Mar 12 11:49:52 EST 2016,LinkedIn
```

nouser.txt

```
USERNAME,FIRST_NAME,LAST_NAME
```

noconnection.txt

```
CONNECTION_ID,USERNAME1,USERNAME2,CONNECTED_SINCE_DATE,SOCIAL_MEDIA_PLATFORM
```

To run the tests:

1. Right click on SocialMediaManagerUI class in the Package explorer

2. Select Run As > Java Application

Test ID	Description	Expected Results	Actual Results
Test #1 **testID:testLoadValid** **Strategy: Equivalence class test (UC1)**	**Preconditions:** Load SocialMediaManagerUI **Steps:** ● Load SocialMediaManagerUI ● Select "File" from the options. ● Select "Load" from file menu. ● Select "./userRJ.txt", "./connectionsR.txt."	The system loads the information contained in the input files users.txt and connections.txt in the GUI. userRJ.txt: Unset USERNAME,FIRST_NAME,LAST_NAME ssoshi29,Siddhant,Soshi rpeswan2,Rishi,Peswani odamah123,Sam,O'Draharay schang24,Stella,Chang kmudvat2,Kashyap,Mudavat connectionsR.txt	The system was able to load the information contained in the input files users.txt and connections.txt in the GUI. userRJ.txt: Unset USERNAME,FIRST_NAME,LAST_NAME ssoshi29,Siddhant,Soshi rpeswan2,Rishi,Peswani odamah123,Sam,O'Draharay schang24,Stella,Chang kmudvat2,Kashyap,Mudavat

```
CONNECTION_ID,USERNAME1,USERNAME2,CONNECTED_SINCE_DATE,SOCIAL_MEDIA_PLATFORM

YGWT2496,rpeswan2,kmudvat2,Sat Jul 18 23:30:45 EDT 2020,Snapchat

YQLY8311,odamah123,kmudvat2,Mon Jan 02 15:33:47 EST 2023,Discord

POJS9203,odamah123,schang24,Sun Dec 24 13:08:22 EST 2017,Instagram

RRSX6063,schang24,rpeswan2,Sun Feb 06 12:06:46 EST 2022,YouTube

QEKY3547,rpeswan2,odamah123,Fri Oct 04 23:39:25 EDT 2013,WeChat

HGZZ9438,kmudvat2,rpeswan2,Mon Jul 06 10:26:48 EDT 2020,LinkedIn
```

connectionsR.txt

```
CONNECTION_ID,USERNAME1,USERNAME2,CONNECTED_SINCE_DATE,SOCIAL_MEDIA_PLATFORM

YGWT2496,rpeswan2,kmudvat2,Sat Jul 18 23:30:45 EDT 2020,Snapchat

YQLY8311,odamah123,kmudvat2,Mon Jan 02 15:33:47 EST 2023,Discord

POJS9203,odamah123,schang24,Sun Dec 24 13:08:22 EST 2017,Instagram

RRSX6063,schang24,rpeswan2,Sun Feb 06 12:06:46 EST 2022,YouTube
```

| | | ```
ROGF8175,kmudvat2,odamah123,Tu
e Oct 25 01:14:24 EDT
2022,LinkedIn

AOXU0260,rpeswan2,schang24,Sat
Mar 12 11:49:52 EST
2016,LinkedIn
``` | ```
QEKY3547,rpeswan2,od
amah123,Fri Oct 04
23:39:25 EDT
2013,WeChat

HGZZ9438,kmudvat2,rp
eswan2,Mon Jul 06
10:26:48 EDT
2020,LinkedIn

ROGF8175,kmudvat2,od
amah123,Tue Oct 25
01:14:24 EDT
2022,LinkedIn

AOXU0260,rpeswan2,sc
hang24,Sat Mar 12
11:49:52 EST
2016,LinkedIn
``` |
| **Test #2**

testID:testLoadIn valid | **Preconditions:** Load SocialMediaManagerUI

Steps: | Since the file invalidUser.txt doesn't exist, The UI displays the following message:

"File not found: ./invalid.txt (No such file or directory) | The UI displays the following message:

"File not found: ./invalid.txt (No such file or directory) |

Strategy: : Invalid Value Testing (UC1)	- Select files from the options. - Select "./inavlidUser.txt" for people's file,. - And "./connections.txt." for the connections file	Invalid File paths. Exiting" and prompts the user to select a path for a valid file.	Invalid File paths. Exiting"

Test #3
 	
testID:testViewRe portValidbasedOn Username
 	
Strategy: Equivalence class test (UC2)
	Preconditions:
	
	● Load SocialMediaManagerUI
	● Select files from the options.
	● Select "input/userRJ.txt" for people's file.
	● And "input/connectionsR.txt." for the connections file
	
	Steps:
	
	● Select "View connections by User Name" option
	● Click "view"
		The system displays a list of all the people in ascending alphabetical order (A-Z) based on the person's username
		
		For each person, the system displays all of the person's social media platform connections in ascending alphabetical order by the other person's last name.
		The software should report:
		
		Unset
		
		Connections for Stella Chang (schang24) {
		
		    Sam O'Draharay(odamah123) on Instagram since Sun Dec 24 13:08:22 EST 2017
		
		    Rishi Peswani (rpeswan2) on LinkedIn since Sat Mar 12 11:49:52 EST 2016
		
		    Rishi Peswani (rpeswan2) on YouTube since Sun Feb 06 12:06:46 EST 2022
		
		}
		
		Connections for Sam O'Draharay (odamah123) {
			The software reported:
			
			Unset
			
			Connections for Stella Chang (schang24) {
			
			    Sam O'Draharay(odamah123) on Instagram since Sun Dec 24 13:08:22 EST 2017
			
			    Rishi Peswani (rpeswan2) on LinkedIn since Sat Mar 12 11:49:52 EST 2016
			
			    Rishi Peswani (rpeswan2) on YouTube since Sun Feb 06 12:06:46 EST 2022
			
			}
			
			Connections for Sam O'Draharay (odamah123) {

```
    Stella chang(schang24) on
Instagram since Sun Dec 24
13:08:22 EST 2017

    Kashyap Mudavat(kmudvat2) on
LinkedIn since Tue Oct 25
01:14:24 EDT 2022

    Kashyap Mudavat(kmudvat2) on
Discord since Mon Jan 02
15:33:47 EST 2023

    Rishi Peswani (rpeswan2) on
WeChat since Fri Oct 04
23:39:25 EDT 2013

}

Connections for Kashyap Mudavat
(kmudvat2) {

    Sam O'Draharay(odamah123) on
LinkedIn since Tue Oct 25
01:14:24 EDT 2022

    Sam O'Draharay(odamah123) on
Discord since Mon Jan 02
15:33:47 EST 2023
```

```
    Rishi Peswani (rpeswan2)) on
LinkedIn since Mon Jul 06
10:26:48 EDT 2020

    Rishi Peswani (rpeswan2) on
Snapchat since Sat Jul 18
23:30:45 EDT 2020

}

Connections for Rishi Peswani
(rpeswan2)) {

  Stella chang(schang24) on
LinkedIn since Sat Mar 12
11:49:52 EST 2016

    Stella chang(schang24) on
YouTube since Sun Feb 06
12:06:46 EST 2022

    Sam O'Draharay(odamah123) on
WeChat since Fri Oct 04
23:39:25 EDT 2013

    Kashyap Mudavat (kmudvat2)
(mclaughlins441) on LinkedIn
since Mon Jul 06 10:26:48 EDT
2020
```

```
    Sam
O'Draharay(odamah123)
on LinkedIn since Tue
Oct 25 01:14:24 EDT
2022

    Sam
O'Draharay(odamah123)
on Discord since Mon
Jan 02 15:33:47 EST
2023

    Rishi Peswani
(rpeswan2)) on
LinkedIn since Mon
Jul 06 10:26:48 EDT
2020

    Rishi Peswani
(rpeswan2) on
Snapchat since Sat
Jul 18 23:30:45 EDT
2020

}

Connections for Rishi
Peswani (rpeswan2)) {
```

```
    Kashyap Mudavat (kmudvat2)
(mclaughlins441) on Snapchat
since Sat Jul 18 23:30:45 EDT
2020

}

Connections for Siddhant Joshi
(ssoshi29) {

    No connections exist

}
```

```
    Stella
chang(schang24) on
LinkedIn since Sat
Mar 12 11:49:52 EST
2016

    Stella
chang(schang24) on
YouTube since Sun Feb
06 12:06:46 EST 2022

    Sam
O'Draharay(odamah123)
on WeChat since Fri
Oct 04 23:39:25 EDT
2013

    Kashyap Mudavat
(kmudvat2)
(mclaughlins441) on
LinkedIn since Mon
Jul 06 10:26:48 EDT
2020

    Kashyap Mudavat
(kmudvat2)
(mclaughlins441) on
Snapchat since Sat
```

| | | | ```
Jul 18 23:30:45 EDT
2020

}

Connections for
Siddhant Joshi
(ssoshi29) {

    No connections
exist

}
``` |
| **Test #4**<br><br>**testID:testViewReportValidbasedOnSocialMedia**<br><br><br><br>**Strategy: Equivalence class test (UC3)** | **Preconditions:**<br><br>- Load SocialMediaManagerUI<br>- Select files from the options.<br>- Select "input/userRJ.txt" for people's file.<br>- And "input/connectionsR.txt." for the connections file<br><br><br><br>**Steps:** | The system displays the social media platforms in alphabetical ascending (A-Z) order by social media platform name.<br><br>For each social media platform, the system displays a list of connections that exist on the platform, ordered in ascending chronological order (oldest to newest)<br>The software should report:<br><br>Unset<br><br>```
Connections on Discord {
``` | The software reported:<br><br>Unset<br><br>```
Connections on
Discord {

    Mon Jan 02
15:33:47 EST 2023:
Sam
O'Draharay(odamah123)
<--> Kashyap Mudavat
(kmudvat2)}
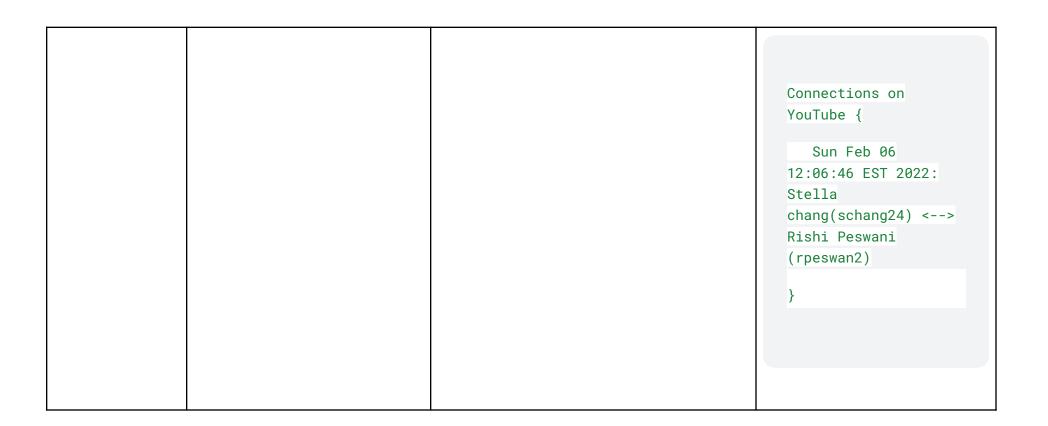``` |

	• Select "View connections By each Social Media platform" option • Click "view"	``` Mon Jan 02 15:33:47 EST 2023: Sam O'Draharay(odamah123) <--> Kashyap Mudavat (kmudvat2)}

Connections on Instagram {

    Sun Dec 24 13:08:22 EST 2017: Stella chang(schang24) <--> Sam O'Draharay(odamah123)}

Connections on LinkedIn {

    Sat Mar 12 11:49:52 EST 2016: Stella chang(schang24) <--> Rishi Peswani (rpeswan2)

    Mon Jul 06 10:26:48 EDT 2020: Kashyap Mudavat (kmudvat2) <--> Rishi Peswani (rpeswan2)

    Tue Oct 25 01:14:24 EDT 2022: Sam O'Draharay(odamah123) <--> Kashyap Mudavat (kmudvat2}

Connections on Snapchat {``` | ```Connections on Instagram { Sun Dec 24 13:08:22 EST 2017: Stella chang(schang24) <--> Sam O'Draharay(odamah123) }

Connections on LinkedIn {

    Sat Mar 12 11:49:52 EST 2016: Stella chang(schang24) <--> Rishi Peswani (rpeswan2)

    Mon Jul 06 10:26:48 EDT 2020: Kashyap Mudavat (kmudvat2) <--> Rishi Peswani (rpeswan2)

    Tue Oct 25 01:14:24 EDT 2022:``` |

```
    Sat Jul 18 23:30:45 EDT
2020: Kashyap Mudavat
(kmudvat2) <--> R Rishi Peswani
(rpeswan2)


}

Connections on WeChat {

    Fri Oct 04 23:39:25 EDT
2013: Sam O'Draharay(odamah123)
<--> Rishi Peswani (rpeswan2)


}

Connections on YouTube {

    Sun Feb 06 12:06:46 EST
2022: Stella chang(schang24)
<--> Rishi Peswani (rpeswan2)


}
```

```
Sam
O'Draharay(odamah123)
<--> Kashyap Mudavat
(kmudvat2}

Connections on
Snapchat {

    Sat Jul 18
23:30:45 EDT 2020:
Kashyap Mudavat
(kmudvat2) <--> R
Rishi Peswani
(rpeswan2)


}

Connections on WeChat
{

    Fri Oct 04
23:39:25 EDT 2013:
Sam
O'Draharay(odamah123)
<--> Rishi Peswani
(rpeswan2)


}
```

```
Connections on
YouTube {

    Sun Feb 06
12:06:46 EST 2022:
Stella
chang(schang24) <-->
Rishi Peswani
(rpeswan2)

}
```

		The software should report:	The software reported:
Test #5 **testID:testViewRe portInvalidbased OnSocialMedia** **Strategy: Invalid Value Testing/ Testing Exceptions(UC3)**	**Preconditions:** ● Load SocialMediaManagerUI ● Select files from the options. ● Select "input/nousers.txt" for people's file. ● And "input/connections.txt" for connection file. **Steps:** ● Select "View connections By each Social Media platform" option ● Click "view"	Unset No people information was provided.	Unset No people information was provided.