White-box (Glass-box) Testing

1. Clarification for the blank column called Name:

Only one of the name and title was used as a variable in the follow-up design, because we did not consider the relationship between conference name and title when we designed the system, the name is for acronym while the title is for the full name of conference.

We only use the title for conferences, that is why we only test the title, and leave the name column blank.

2. Test cases

Test No	Reason for test	Na me	Title	Topics	PSDD	PRDD	List of papers submitted	Expected o/p	Actual o/p	Test passed/fa iled
1	Test the Title can be left empty			1 2 3	06/07/ 2021	01/08/ 2021	""	Unacc epted input value	Unacce pted input value	P
2	Test the Title can have digits and special characte rs		test1,.te st	1 2 3	06/07/ 2021	01/08/ 2021	""	Unacc epted input value	Unacce pted input value	P
3	Test the Title is accepte d when it is exactly alphabet s		test conferen ce	1 2 3	06/07/ 2021	01/08/ 2021	""	display review er list and ask for select	display reviewe r list and ask for select	P
4	Test the topics selection can be left empty		test conferen ce		06/07/ 2021	01/08/ 2021	""	Unacc eptable value entere d	Unacce ptable input value	P
5	Test the selection of the topic can be out of		test conferen ce	14	06/07/ 2021	01/08/ 2021	""	Topic choice s do not match accordi	Topic choices do not match accordi ng to	P

								ng to the option given!	the option given!	
	index of the list									
6	Test the topics selection can be alphabets		test conference	ABC	06/07/2021	01/08/2021	""	Unacceptable value entered	Unacceptable value entered	P
7	Test the topics selection can be repeatable		test conference	1 1 2	06/07/2021	01/08/2021	""	The option has been selected, it can no longer be selected		F
8	Test if the paper submission due date can be empty.		test conference	1,2,3		01/08/2021	""	Please enter Valid Date:	Please enter Valid Date:	P
9	Test if the paper submission due date can be in the wrong format.		test conference	1,2,3	2020-10-11	01/08/2021	""	Please enter Valid Date:	Please enter Valid Date:	P
10	Test if the paper submission due date can be an illegal date.		test conference	1,2,3	32/10/2020	01/08/2021	""	Please enter Valid Date:	Please enter Valid Date:	P
11	Test if the paper submission due date can		test conference	1,2,3	11/10/2020	01/08/2021	""	Please enter Valid Date:	""	F

	be a past date.									
12	Test if the paper submission due date can be in the future and in the correct format		test conference	1,2,3	06/07/2021	01/08/2021	""	enter reviewer deadline	enter reviewer deadline	P
13	Test if the paper review due date can be empty.		test conference	1,2,3	06/07/2021		""	Please enter Valid Date:	Please enter Valid Date:	P
14	Test if the paper review due date can be in the wrong format.		test conference	1,2,3	06/07/2021	2021-08-01	""	Please enter Valid Date:	Please enter Valid Date:	P
15	Test if the paper review due date can be an illegal date.		test conference	1,2,3	06/07/2021	32/08/2021	""	Please enter Valid Date:	Please enter Valid Date:	P
16	Test if the paper review due date can be a past date.		test conference	1,2,3	06/07/2021	20/05/2020	""	The deadline for review is 15 days after the submission deadline!	The deadline for review is 15 days after the submission deadline!	P

17	Test if the paper review due date can be in the future and in the correct format.		test conference	1,2,3	06/07/2021	01/08/2021	""	display all details	display all details	P
18	Test if the paper review due date after the paper submission due date can be less than 15 days.		test conference	1,2,3	06/07/2021	07/07/2021	""	The deadline for review is 15 days after the submission deadline!	The deadline for review is 15 days after the submission deadline!	P
19	Test if the List of papers submitted can have 0 object of papers at the beginning.		test conference	1,2,3	06/07/2021	01/08/2021	""	This conference has no paper now!!!	This conference has no paper now!!!	P

3. Actual screenshots

1. Test the Title can be left empty

2. Test the Title can have digits and special characters

3. Test the Title is accepted when it is exactly alphabets

```
Enter conference title: test conference
1. ABC
2. CS
3. BIC
4. HCI
5. SE
6. NLP
7. ML
8. SE
9. UI
10. HCI
11. X
12. NLP
13. dnsifei
You must select 3 topics for this conference!
Enter topics for this conference:
```

4. Test the topics selection can be left empty

```
You must select 3 topics for this conference!
Enter topics for this conference:
!Error: Unacceptable value entered
Please enter the choose correctly
```

5. Test the selection of the topic can be out of index of the list

```
Enter topics for this conference: 14
Sorry, Topic choose do not match according to the option given!
```

6. Test the topics selection can be alphabets

```
Enter topics for this conference: ABC
!Error: Unacceptable value entered
Please enter the choose correctly
```

7. Test the topics selection can be repeatable

```
Enter topics for this conference: 1
Enter topics for this conference: 1
Enter topics for this conference: 2
1. Reviewer Name: Yi Chong Interest Area: NLP, SE
2. Reviewer Name: Zan Interest Area: CS, ABC
3. Reviewer Name: Tom Interest Area: ABC, ML
4. Reviewer Name: Alex Interest Area: SE, ML
5. Reviewer Name: Zihao Interest Area: SE, ML
6. Reviewer Name: Jack Interest Area: SE, ML
You must select at least 4 reviewer for this conference!
select number from 4 to 6
```

8. Test if the paper submission due date can be empty.

```
Enter submission deadline (eg. dd/mm/yy)?:
Please enter Valid Date:
```

9. Test if the paper submission due date can be in the wrong format.

```
Enter submission deadline (eg. dd/mm/yy)?:2020-10-11
Please enter Valid Date:
```

10. Test if the paper submission due date can be an illegal date.

```
Enter submission deadline (eg. dd/mm/yy)?:32/10/2020
Please enter Valid Date:
```

11. Test if the paper submission due date can be a past date.

```
Enter submission deadline (eg. dd/mm/yy)?:11/10/2020
Enter reviewer deadline (eg. dd/mm/yy)?:
```

12. Test if the paper submission due date can be in the future and in the correct format.

```
Enter submission deadline (eg. dd/mm/yy)?:06/07/2021
Enter reviewer deadline (eg. dd/mm/yy)?:
```

13. Test if the paper review due date can be empty.

```
Enter submission deadline (eg. dd/mm/yy)?:06/07/2021
Enter reviewer deadline (eg. dd/mm/yy)?:
Please enter Valid Date:
```

14. Test if the paper review due date can be in the wrong format.

```
Enter reviewer deadline (eg. dd/mm/yy)?:2021-08-01
Please enter Valid Date:
```

15. Test if the paper review due date can be an illegal date.

```
Enter reviewer deadline (eg. dd/mm/yy)?:32/08/2021
Please enter Valid Date:
```

16. Test if the paper review due date can be a past date.

```
Enter reviewer deadline (eg. dd/mm/yy)?:20/05/2021
The deadline for reviewe is 15 days after the submission deadline!
```

17. Test if the paper review due date can be in the future and in the correct format.

```
Enter reviewer deadline (eg. dd/mm/yy)?:01/08/2021

   ******New Conference Detail******
Conference title: AB
Conference hosted: yi@gmail.com
Conference topics:['SE', 'NLP', 'CS']
Conference reviewers:['yi@gmail.com', 'zan@gmail.com', 'alex@gmail.com', 'zihao@gmail.com']
Conference submit deadline:06/07/2021
Conference review deadline:01/08/2021

Submit  conference and send to the reviewer(Y/N?): |
```

18. Test if the paper review due date after the paper submission due date can be less than 15 days

```
Enter reviewer deadline (eg. dd/mm/yy)?:07/07/2021
The deadline for reviewe is 15 days after the submission deadline!
```

19. Test if the List of papers submitted can have 0 object of papers at the beginning.

```
==============================
 Conference Management System
==============================
   ******conference List******
1:mm
2:HCI
3:test Conference
4:go to home page
Enter option:1-4
Select a conference to review paper:
3
This conference has no paper now!!!
1. Go to home page
Enter option:
```