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FIT5136 2021-S1  
Conference Management System  
Test Document

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## Task 1: Write the test-cases

Test No	Reason for Test/Purpose for Test	Name	Title	Topics	PSDD	PRDD	List of papers submitted	Expected o/p	Actual o/p	Test passed/faild
<b>Name: can not be empty and must be a string</b>										
0001	Test if the name can be empty		N/A	N/A	N/A	N/A	N/A	name can not be empty	empty approved and go on enter title	FAILED
0002	Test if the name can only be number		1 N/A	N/A	N/A	N/A	N/A	name can not only be number	number approved and go on enter title	FAILED
0003	Test if the name can be only special characters	@#\$_	N/A	N/A	N/A	N/A	N/A	name can not only be special characters	special characters approved and go on enter title	FAILED
0004	Test if the name can be digits, alphabets and special characters	daje123@#\$_	N/A	N/A	N/A	N/A	N/A	name approved	name approved and go on enter title	PASSED
0005	Test if the name can only be alphabets	daje	N/A	N/A	N/A	N/A	N/A	name approved	name approved and go on enter title	PASSED
<b>Title: can not be empty and must be a string</b>										
0006	Test if the title can be empty	daje		N/A	N/A	N/A	N/A	title can not be empty	empty approved and go on enter topic number	FAILED
0007	Test if the title can only be number	daje		1 N/A	N/A	N/A	N/A	title can not only be number	number approved and go on enter topic number	FAILED
0008	Test if the title can be only special characters	daje	@#\$_	N/A	N/A	N/A	N/A	title can not only be special characters	special characters approved and go on enter topic number	FAILED
0009	Test if the title can be digits, alphabets and special characters	daje	ds123@#\$_	N/A	N/A	N/A	N/A	title approved	title approved and go on enter topic number	PASSED
0010	Test if the title can only be alphabets	daje	ds	N/A	N/A	N/A	N/A	title approved	title approved and go on enter topic number	PASSED
<b>Topics: can not be empty, must be a string and must be selected from the available list of topics in the software</b>										
0011	Test if the topic number can be empty	daje	ds		N/A	N/A	N/A	please only enter number of choice	please only enter number of choice	PASSED
0012	Test if the topic number can be beyond the number of the list	daje	ds	6	N/A	N/A	N/A	please only enter number of choice	please only enter number of choice	PASSED
0013	Test if the topic number can be string	daje	ds	ss	N/A	N/A	N/A	please only enter number of choice	please only enter number of choice	PASSED
0014	Test if the topic number is from 1 to 4	daje	ds	2	N/A	N/A	N/A	topic number approved	topic number approved	PASSED
<b>Paper submission due date (PSDD): can not be empty, must be in the future and of Australian date format (DD/MM/YYYY), for example: 18/10/2020</b>										
0015	Test if the paper submission due date can be empty	daje	ds	2		N/A	N/A	can not enter empty	can not enter empty	PASSED
0016	Test if the paper submission due date can be a past date	daje	ds	2	1999, 10, 20	N/A	N/A	can not be a past date	created conference successful	FAILED
0017	Test if the paper submission due date can include alphabetic characters	daje	ds	2	2022, May, 10	N/A	N/A	please enter suitable date	please enter suitable date	PASSED
0018	Test if the paper submission due date can include special characters	daje	ds	2, ;, ]		N/A	N/A	please enter suitable date	please enter suitable date	PASSED
0019	Test if the paper submission due date is of Australian date format	daje	ds	2	2022, 10, 12	N/A	N/A	created conference successful	created conference successful	PASSED
<b>Paper review due date (PRDD): can not be empty, must be in the future and of Australian date format (DD/MM/YYYY), for example: 18/10/2020</b>										
0020	Test if the paper review due date can be empty	daje	ds	2	2022, 10, 12		N/A	can not enter empty	N/A	FAILED
0021	Test if the paper review due date can be a past date	daje	ds	2	2022, 10, 12	1999, 10, 20	N/A	can not be a past date	N/A	FAILED
0022	Test if the paper review due date can include alphabetic characters	daje	ds	2	2022, 10, 12	2022, May, 10	N/A	please enter suitable date	N/A	FAILED
0023	Test if the paper review due date can include special characters	daje	ds	2	2022, 10, 12, ;, ]		N/A	please enter suitable date	N/A	FAILED
0024	Test if the paper review due date is of Australian date format	daje	ds	2	2022, 10, 12	2022, 10, 12	N/A	created conference successful	N/A	FAILED
<b>List of papers submitted: must be one of the types of list and can have 0 object of papers in the list at the beginning.</b>										
0025	Test if the list of papers submitted can be a string	daje	ds	2	2022, 10, 12	2022, 10, 12	"paper1, paper2, paper3"	can not be a string	N/A	FAILED
0026	Test if the list of papers submitted can be a dictionary	daje	ds	2	2022, 10, 12	2022, 10, 12	{"conference": "paper1"}	can not be a dictionary	N/A	FAILED
0027	Test if the list of papers submitted can be a list	daje	ds	2	2022, 10, 12	2022, 10, 12	[paper1, paper2]	created conference successful	N/A	FAILED
0028	Test if the list of papers submitted can have 0 object	daje	ds	2	2022, 10, 12	2022, 10, 12	[]	created conference successful	created conference successful	PASSED

## Task 2: Perform white-box testing

Login as a Chair

Using one of the user credentials in user\_db.txt to login as a Chair and use ‘Create conference’ feature.

```
≡ user_db.txt
1 first_name, last_name, user_email, user_password, highest_qualification, user_occupation, employer_details,
2 Xiaohui, Ding, xd@monash.edu, 123asdASD, Master, a, a, 1234567890, Cybersecurity, True
3 James, Bond, jb@monash.edu, asd123ASD, Bachelor, dev, monash, 1234567890, Cloud Computing, True
4 a, x, asd@123.com, asdZSADSJD123, Less than diploma, dskfjh, sakdjh, 1234567880, Cybersecurity, False
5 1, 1, 123as@dASD.com, 123asdAS, Diploma, 1, 1, 1234567890, Cybersecurity, False
6 zxc, zxc, zxc@asd.com, asd123ASD, Diploma, sd, asd, 1234567890, Cybersecurity, False
7 zxc, cvb, q, ASD124@dsfg.com, Diploma, 1, 1, 1234567890, Cloud Computing, False
8 rhr, rhr, 1, 1, Master, dev, 1, 1, Cybersecurity, True
9 ASD, ZXC, ASD@ASD.ERT, ASDasd23, Less than diploma, ASD, ASD, 1234567890, Artificial Intelligence, False
10 asd, zxc, 123sdf@dsf.xvcvbvn, 123ASDasd, Less than diploma, 1, 1, 1234567890, Artificial Intelligence, False
11 asd, zxc, asd@asdkj.sjkdsj, asdASD123, PhD, asd, asd, 1234567890, Artificial Intelligence, False
12
```

```
*****
*
*      Conference Management System      *
*
*****  
Login using your email and password.  
Enter your email: jb@monash.edu  
Enter your password: asd123ASD  
Do you want to login by this credential? Y/N: y  
Login success. Jumping to the Home page...
```

```
*****
*
*      Conference Management System      *
*
*****  
Please choose the user type:  
1 - Chair  
2 - Author  
3 - Reviewer  
4 - Admin  
5 - Return to main page  
Enter your choice from 1 to 5: 1
```

```
*****
*          Conference Management System      *
*
*****
```

1 - Create conference  
2 - Modify conference  
3 - Assign papers  
4 - Make decision on a paper  
5 - Return back to home page  
Please enter your choice: 1

#### Test case 0001: FAILED

Test if the name can be empty.

```
*****
*          Conference Management System      *
*
*****
```

1 - Create conference  
2 - Modify conference  
3 - Assign papers  
4 - Make decision on a paper  
5 - Return back to home page  
Please enter your choice: 1  
please enter conference name:

Empty approved and go on enter title.

```
*****
*          Conference Management System      *
*
*****
```

1 - Create conference  
2 - Modify conference  
3 - Assign papers  
4 - Make decision on a paper  
5 - Return back to home page  
Please enter your choice: 1  
please enter conference name:  
please enter conference title: █

#### Test case 0002: FAILED

Test if the name can only be number.

```
*****
*   Conference Management System  *
*   *
*****  
1 - Create conference  
2 - Modify conference  
3 - Assign papers  
4 - Make decision on a paper  
5 - Return back to home page  
Please enter your choice: 1  
please enter conference name: 1
```

Number approved and went on enter title.

```
*****
*   Conference Management System  *
*   *
*****  
1 - Create conference  
2 - Modify conference  
3 - Assign papers  
4 - Make decision on a paper  
5 - Return back to home page  
Please enter your choice: 1  
please enter conference name: 1  
please enter conference title: []
```

#### Test case 0003: FAILED

Test if the name can be only special characters.

```
Please enter your choice: 1  
please enter conference name: @#$
```

Special characters approved and go on enter title.

```
Please enter your choice: 1  
please enter conference name: @#$  
please enter conference title: @#$
```

#### Test case 0004: PASSED

Test if the name can be digits, alphabets and special characters.

```
*****
*   Conference Management System  *
*   *
*****  
1 - Create conference  
2 - Modify conference  
3 - Assign papers  
4 - Make decision on a paper  
5 - Return back to home page  
Please enter your choice: 1  
please enter conference name: daje123@#$
```

Name approved and went on enter title.

```
*****
*   Conference Management System  *
*
*****
1 - Create conference
2 - Modify conference
3 - Assign papers
4 - Make decision on a paper
5 - Return back to home page
Please enter your choice: 1
please enter conference name: daje123@#
please enter conference title: ■
```

Test case 0005: PASSED

Test if the name can only be alphabets.

```
*****
*   Conference Management System  *
*
*****
1 - Create conference
2 - Modify conference
3 - Assign papers
4 - Make decision on a paper
5 - Return back to home page
Please enter your choice: 1
please enter conference name: daje
```

Name approved and went on enter title.

```
*****
*   Conference Management System  *
*
*****
1 - Create conference
2 - Modify conference
3 - Assign papers
4 - Make decision on a paper
5 - Return back to home page
Please enter your choice: 1
please enter conference name: daje
please enter conference title: ■
```

Test case 0006: FAILED

Test if the title can be empty.

```
*****
*   Conference Management System  *
*
*****
1 - Create conference
2 - Modify conference
3 - Assign papers
4 - Make decision on a paper
5 - Return back to home page
Please enter your choice: 1
please enter conference name:
please enter conference title:
```

Empty approved and go on enter topic number.

```
*****
*          Conference Management System      *
*          *
*****  
1 - Create conference  
2 - Modify conference  
3 - Assign papers  
4 - Make decision on a paper  
5 - Return back to home page  
Please enter your choice: 1  
please enter conference name:  
please enter conference title:  
1Artificial Intelligence 2Cybersecurity 3Cloud Computing 4Data Analysis 5Communication and Transportation please select conference topic from this list: ■
```

### Test case 0007: FAILED

Test if the title can only be number.

```
please enter conference name: 1  
please enter conference title: 1
```

Number approved and went on enter topic number.

```
Please enter your choice: 1  
please enter conference name: 1  
please enter conference title: 1  
1Artificial Intelligence 2Cybersecurity 3Cloud Computing 4Data Analysis 5Communication and Transportation please select conference topic from this list: ■
```

### Test case 0008: FAILED

Test if the title can be only special characters.

```
please enter conference title: @#$
```

Special characters approved and went on enter topic number.

```
please enter conference title: @#$  
1Artificial Intelligence 2Cybersecurity 3Cloud Computing 4Data Analysis 5Communication and Transportation please select conference topic from this list: ■
```

### Test case 0009: PASSED

Test if the title can be digits, alphabets and special characters.

Special characters approved and went on enter topic number.

```
*          Conference Management System      *
*          *
*****  
1 - Create conference  
2 - Modify conference  
3 - Assign papers  
4 - Make decision on a paper  
5 - Return back to home page  
Please enter your choice: 1  
please enter conference name: daje123@#$  
please enter conference title: ds123@#$  
1Artificial Intelligence 2Cybersecurity 3Cloud Computing 4Data Analysis 5Communication and Transportation please select conference topic from this list: ■
```

### Test case 0010: PASSED

Test if the title can only be alphabets.

```
*      Conference Management System      *
*                                         *
*****  
1 - Create conference  
2 - Modify conference  
3 - Assign papers  
4 - Make decision on a paper  
5 - Return back to home page  
Please enter your choice: 1  
please enter conference name: daje  
please enter conference title: ds
```

Title approved and go on enter topic number.

```
*      Conference Management System      *
*                                         *
*****  
1 - Create conference  
2 - Modify conference  
3 - Assign papers  
4 - Make decision on a paper  
5 - Return back to home page  
Please enter your choice: 1  
please enter conference name: daje  
please enter conference title: ds  
1Artificial Intelligence 2Cybersecurity 3Cloud Computing 4Data Analysis 5Communication and Transportation please select co  
nference topic from this list: □
```

### Test case 0011: PASSED

Test if the topic number can be empty.

```
please enter conference title:  
1Artificial Intelligence 2Cybersecurity 3Cloud Computing 4Data Analysis 5Communication and Transportation  
nference topic from this list:
```

Please only enter number of choice.

```
please enter conference title:  
1Artificial Intelligence 2Cybersecurity 3Cloud Computing 4Data Analysis 5Communication and Transportation please select co  
nference topic from this list:  
Please only enter number of choice.  
1Artificial Intelligence 2Cybersecurity 3Cloud Computing 4Data Analysis 5Communication and Transportation please select co  
nference topic from this list: □
```

### Test case 0012: PASSED

Test if the topic number can be beyond the number of the list.

```
please enter conference title:  
1Artificial Intelligence 2Cybersecurity 3Cloud Computing 4Data Analysis 5Communication and Transportatio  
nference topic from this list: 6
```

Please only enter number of choice.

```
please enter conference title:  
1Artificial Intelligence 2Cybersecurity 3Cloud Computing 4Data Analysis 5Communication and Transportation please select co  
nference topic from this list: 6  
Please only enter number of choice.  
1Artificial Intelligence 2Cybersecurity 3Cloud Computing 4Data Analysis 5Communication and Transportation please select co  
nference topic from this list: □
```

Test case 0013: PASSED

Test if the topic number can be string.

```
1Artificial Intelligence 2Cybersecurity 3Cloud Computing 4Data Analysis 5Communication and Transportation please select conference topic from this list: ss
```

Please only enter number of choice.

```
1Artificial Intelligence 2Cybersecurity 3Cloud Computing 4Data Analysis 5Communication and Transportation please select conference topic from this list: ss  
Please only enter number of choice.  
1Artificial Intelligence 2Cybersecurity 3Cloud Computing 4Data Analysis 5Communication and Transportation please select conference topic from this list: ■
```

Test case 0014: PASSED

Test if the topic number is from 1 to 4.

```
1Artificial Intelligence 2Cybersecurity 3Cloud Computing 4Data Analysis 5Communication and Transportation please select conference topic from this list: 2
```

Topic number approved.

```
1Artificial Intelligence 2Cybersecurity 3Cloud Computing 4Data Analysis 5Communication and Transportation please select conference topic from this list: 2  
please enter submit deadline Year: ■
```

Test case 0015: PASSED

Test if the paper submission due date can be empty.

```
please enter submit deadline Year:  
please enter submit deadline Month:  
please enter submit deadline day:
```

The output is as we expect.

```
please enter submit deadline Year:  
please enter submit deadline Month:  
please enter submit deadline day:  
can not enter empty  
please enter submit deadline Year: ■
```

Test case 0016: FAILED

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

```
please enter submit deadline Year: 1999  
please enter submit deadline Month: 10  
please enter submit deadline day: 20
```

The output is not as we expect.

```
please enter submit deadline Year: 1999  
please enter submit deadline Month: 10  
please enter submit deadline day: 20  
created conference successful
```

```
*****
```

Test case 0017: PASSED

Test if the paper submission due date can include alphabetic characters.

```
please enter submit deadline Year: 2022  
please enter submit deadline Month: May  
please enter submit deadline day: 10
```

The output is not as we expect.

```
please enter submit deadline Year: 2022  
please enter submit deadline Month: May  
please enter submit deadline day: 10  
please enter suitable date.  
please enter submit deadline Year: |
```

Test case 0018: PASSED

Test if the paper submission due date can include special characters.

```
please enter submit deadline Year: ,  
please enter submit deadline Month: ;  
please enter submit deadline day: ]
```

The output is not as we expect.

```
please enter submit deadline Year: ,  
please enter submit deadline Month: ;  
please enter submit deadline day: ]  
please enter suitable date.  
please enter submit deadline Year: ]
```

Test case 0019: PASSED

Test if the paper submission due date is of of Australian date format.

```
please enter submit deadline Year: 2022  
please enter submit deadline Month: 10  
please enter submit deadline day: 12
```

The output is as we expect.

```
please enter submit deadline Year: 2022  
please enter submit deadline Month: 10  
please enter submit deadline day: 12  
created conference successful
```

Check with Conference Report:

```
Conference name: daje  
Conference title: ds  
Conference topics: Cybersecurity  
Paper submit deadline: 2022-10-22 00:00:00  
Conference chair: 1  
Accepted paper: 0
```

#### [Test case 0020: FAILED](#)

Test if the paper review due date can be empty.

#### [Test case 0021: FAILED](#)

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

#### [Test case 0022: FAILED](#)

Test if the paper review due date can include alphabetic characters.

#### [Test case 0023: FAILED](#)

Test if the paper review due date can include special characters.

#### [Test case 0024: FAILED](#)

Test if the paper review due date is of of Australian date format.

We didn't implement this attribute. As mentioned by Agnes Haryanto in [this thread](#), we should mention this situation in the Test Document and leave this section blank.

But the test of this attribute is similar to the previous one, so we will fix the bugs and implement this attribute later.

#### [Test case 0025: FAILED](#)

Test if the list of papers submitted can be a string.

#### [Test case 0026: FAILED](#)

Test if the list of papers submitted can be a dictionary.

#### [Test case 0027: FAILED](#)

Test if the list of papers submitted can be a list.

Test case 0028: PASSED

Test if the list of papers submitted can have 0 object.

We didn't implement this attribute in Creating A Conference. But we do have this attribute in our Conference class, and the default of this attribute is empty. So, when the conference is just created and there is no paper submitted to the conference, the Conference Report will be like below:

```
daje, ds, Cybersecurity, 2022, 10, 12, jb@monash.edu|
```

```
Conference name: daje
Conference title: ds
Conference topics: Cybersecurity
Paper submit deadline: 2022-10-12 00:00:00
Conference chair: jb@monash.edu
Accepted paper: 0
```

If a few papers have been submitted for the conference, the Conference Report will be like below:

```
daje, ds, Cybersecurity, 2022, 10, 12, jb@monash.edu, Paper1, Paper2, Paper3|
```

```
Conference name: daje
Conference title: ds
Conference topics: Cybersecurity
Paper submit deadline: 2022-10-12 00:00:00
Conference chair: jb@monash.edu
Accepted paper: 3
Paper1
Paper2
Paper3
```

### Result

The correct input will create a new conference in our database with 0 paper submitted.

```
daje, ds, Cybersecurity, 2022, 10, 12, jb@monash.edu|
```