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Leave application

lb = 02-04-2008   pass
lb+1= 03-04-2008   pass
lb-1= 01-04-2008   fail

ub= 31-04-2008   pass
ub+1=01-05-2008   fail
ub-1 = 29-04-2008 pass

Eligible for leave   Not Eligible for leave
(lb,lb+1,ub,ub-1)   (lb-1,ub+1) -> Classes

Test Cases

Pre-condition	Senario	Action	Test data	Expected result
1.Leave page should be visible	Leave Application	1.Enter from date(dd-mm-yy) 2.enter to date(dd-mm-yy) 3.check the checkbox 4.enter reason 5.Select authority to sanction leave.	1.Valid from and to date. 2.Checkbox checked. 3.Reason for leave entered in alphabets. 4.Valid authority selected.	-leave req sent to manager -system should take you to application success page.
2.Leave page should be visible	Leave Application	1.Enter from date(dd-mm-yy) 2.enter to date(dd-mm-yy) 3.check the checkbox 4.enter reason 5.Select authority to sanction leave.	1.Invalid from or to date. 2.Checkbox checked. 3.Reason for leave entered in alphabets. 4.Valid authority selected.	Application failed. Error message.
3.Leave page	Leave	1.Enter from	1.Invalid from or	Application

should be visible	Application	date(dd-mm-yy) 2.enter to date(dd-mm-yy) 3.check the checkbox 4.enter reason 5.Select authority to sanction leave.	to date. 2.Checkbox not checked. 3.Reason for leave entered in alphabets. 4.Valid authority selected.	failed. Error message.
4.Leave page should be visible	Leave Application	1.Enter from date in (dd-mm-yy) 2.enter to date(dd-mm-yy) 3.check the checkbox 4.enter reason 5.Select authority to sanction leave.	1.Invalid from or to date. 2.Checkbox checked. 3.Reason for leave is not entered or not in alphabets. 4.Valid authority selected.	Application failed. Error message.
5.Leave page should be visible	Leave Application	1.Enter from date(dd-mm-yy) 2.enter to date(dd-mm-yy) 3.check the checkbox 4.enter reason 5.Select authority to sanction leave	1.Valid from and to date. 2.Checkbox checked. 3.Reason for leave entered in alphabets. 4.Valid authority not selected.	Application failed. Error message.
6.Leave page should be visible	Leave Application	Click clear button	----	Clears all the fields.
7.Leave page should be visible	Leave Application	Click view report button	----	view the report of attendance applied.

HR Connect

LB UB for extn no.

LB =1   pass
LB+1= 2   pass
LB-1= 0   fail

UB= 4   pass
UB+1=5   fail
UB-1=3   pass

Eligible for registration   Not Eligible for registration
(lb,lb+1,ub,ub-1)   (lb-1,ub+1) -> Classes

Pre-condition	Senario	Action	Test data	Expected result
1.connect page should be visible	Issue Registration	1.Enter employee name 2.Enter employee Id 3.Enter employee mail 4.Enter employee department. 5.Enter extn no. 6.Enter reporting manager. 7.click send button.	1.Valid employee name. (alphabets) 2.valid employee id(number) 3.valid employee mail 4.valid employee dept (alphabets & numbers). 5.extn no. <= 4 6. Reporting manager field can not contain special char. 7. Click send	Issue registered in HR connect. Display success page.

2.connect page should be visible	Issue Registration	1.Enter employee name 2.Enter employee Id 3.Enter employee mail 4.Enter employee department. 5.Enter extn no. 6.Enter reporting manager. 7.click send button.	1.Invalid employee name. (non-alphabets) 2.valid employee id(number) 3.valid employee mail 4.valid employee dept (alphabets & numbers). 5.extn no. <= 4 6. Reporting manager field can not contain special char. 7. Click send	Issue registration failed. Error message.
3.connect page should be visible	Issue Registration	1.Enter employee name 2.Enter employee Id 3.Enter employee mail 4.Enter employee department. 5.Enter extn no. 6.Enter reporting manager. 7.click send button.	1.Valid employee name. (alphabets) 2.Invalid employee id(non-number) 3.valid employee mail 4.valid employee dept (alphabets & numbers). 5.extn no. <= 4 6. Reporting manager field can not contain special char. 7. Click send	Issue registration failed. Error message
4.connect page should be visible	Issue Registration	1.Enter employee name 2.Enter employee Id 3.Enter employee mail 4.Enter employee department.	1.Valid employee name. (alphabets) 2.valid employee id(number) 3.Invalid employee mail 4.valid employee dept	Issue registration failed. Error message

		5.Enter extn no. 6.Enter reporting manager. 7.click send button.	(alphabets & numbers). 5.extn no. <= 4 6. Reporting manager field can not contain special char. 7. Click send	
5.connect page should be visible	Issue Registration	1.Enter employee name 2.Enter employee Id 3.Enter employee mail 4.Enter employee department. 5.Enter extn no. 6.Enter reporting manager. 7.click send button.	1.Valid employee name. (alphabets) 2.valid employee id(number) 3.valid employee mail 4.Invalid employee dept (with special char). 5.extn no. <= 4 6. Reporting manager field can not contain special char. 7. Click send	Issue registration failed. Error message
6.connect page should be visible	Issue Registration	1.Enter employee name 2.Enter employee Id 3.Enter employee mail 4.Enter employee department. 5.Enter extn no. 6.Enter reporting manager. 7.click send button.	1.Valid employee name. (alphabets) 2.valid employee id(number) 3.valid employee mail 4.valid employee dept (alphabets & numbers). 5.extn no. > 4 6. Reporting manager field can not contain special char. 7. Click send	Issue registration failed. Error message
7.connect page should be visible	Issue Registration	1.Enter employee name 2.Enter employee Id 3.Enter	1.Valid employee name. (alphabets) 2.valid employee id(number)	Issue registration failed.

		employee mail 4.Enter employee department. 5.Enter extn no. 6.Enter reporting manager. 7.click send button.	3.valid employee mail 4.valid employee dept (alphabets & numbers). 5.extn no. <= 4 6. Reporting manager field contains special char. 7. Click send	Error message
8.connect page should be visible	Issue Registration	1.Enter employee name 2.Enter employee Id 3.Enter employee mail 4.Enter employee department. 5.Enter extn no. 6.Enter reporting manager. 7.click send button.	1.Invalid employee name. (alphabets) 2.Invalid employee id(number) 3.Invalid employee mail 4.Invalid employee dept (alphabets & numbers). 5.extn no. >4 6. Reporting manager field contains special char. 7. Click send	Issue registration failed. Error message

Meeting room
LB UB for extn no.
LB =1   pass
LB+1= 2   pass
LB-1= 0   fail

UB= 4   pass
UB+1=5   fail
UB-1=3   pass

Eligible for registration   Not Eligible for registration

(lb,lb+1,ub,ub-1)   (lb-1,ub+1) -> Classes
LB UB for purpose
LB =1   pass
LB+1= 2   pass
LB-1= 0   fail

UB= 30   pass
UB+1=31   fail
UB-1=29   pass

Eligible for registration   Not Eligible for registration
(lb,lb+1,ub,ub-1)   (lb-1,ub+1) -> Classes

Pre-condition	Senario	Action	Test data	Expected result
1. MRBS page should be visible	Meeting room booking	1.Enter employee name 2.Enter employee Id 3.Enter employee mail 4.Enter employee department. 5.Enter extn no. 6.Purpose 7.Start and End time. 8.click submit	1.Valid employee name. (alphabets) 2.valid employee id(number) 3.valid employee mail 4.valid employee dept (alphabets & numbers). 5.extn no. <= 4 6.purpose<=30 7. Start and End time in(hh:mm:ss) 8.click submit	Meeting request sent to concerned person. Meeting booked.
2.MRBS page should be visible	Meeting room booking	1.Enter employee name 2.Enter employee Id 3.Enter employee mail 4.Enter employee department. 5.Enter extn no. 6.Purpose 7.Start and End time.	1.Invalid employee name. (non-alphabets) 2.valid employee id(number) 3.valid employee mail 4.valid employee dept (alphabets & numbers). 5.extn no. <= 4 6.purpose<=30	Meeting request sent to concerned person. Meeting booked.

		8.click submit	7. Start and End time in(hh:mm:ss) 8.click submit	
3.MRBS page should be visible	Meeting room booking	1.Enter employee name 2.Enter employee Id 3.Enter employee mail 4.Enter employee department. 5.Enter extn no. 6.Purpose 7.Start and End time. 8.click submit	1.Valid employee name. (alphabets) 2.valid employee id(non-number) 3.valid employee mail 4.Invalid employee dept (with special char). 5.extn no. <= 4 6.purpose<=30 7. Start and End time in(hh:mm:ss) 8.click submit	Meeting request sent to concerned person. Error message.
4.MRBS page should be visible	Meeting room booking	1.Enter employee name 2.Enter employee Id 3.Enter employee mail 4.Enter employee department. 5.Enter extn no. 6.Purpose 7.Start and End time. 8.click submit	1.Valid employee name. (alphabets) 2.valid employee id(number) 3.valid employee mail 4.valid employee dept (alphabets & numbers). 5.extn no.> 4 6.purpose<=30 7. Invalid Start and End time in(hh:mm:ss) 8.click submit	Meeting request sent to concerned person. Error message.
5.MRBS page should be visible	Meeting room booking	1.Enter employee name 2.Enter employee Id 3.Enter employee mail 4.Enter employee department.	1.Valid employee name. (alphabets) 2.valid employee id(number) 3.valid employee mail 4.valid employee dept	Meeting request sent to concerned person. Error message.

		5.Enter extn no. 6.Purpose 7.Start and End time. 8.click submit	(alphabets & numbers). 5.extn no. <= 4 6.purpose>30 7. Start and End time in(hh:mm:ss) 8.click submit	
6.MRBS page should be visible	Meeting room booking	1.Enter employee name 2.Enter employee Id 3.Enter employee mail 4.Enter employee department. 5.Enter extn no. 6.Purpose 7.Start and End time. 8.click submit	1.Valid employee name. (alphabets) 2.valid employee id(number) 3.valid employee mail 4.valid employee dept (alphabets & numbers). 5.extn no. <= 4 6.purpose<=30 7. Invalid Start and End time notin(hh:mm:ss) 8.click submit	Meeting request sent to concerned person. Error message.
7.MRBS page should be visible	Meeting room booking	1.Enter employee name 2.Enter employee Id 3.Enter employee mail 4.Enter employee department. 5.Enter extn no. 6.Purpose 7.Start and End time. 8.click submit	1.Valid employee name. (alphabets) 2.valid employee id(number) 3.Invalid employee mail 4.valid employee dept (alphabets & numbers). 5.extn no. <= 4 6.purpose<=30 7. Start and End time in(hh:mm:ss) 8.click submit	Meeting request sent to concerned person.. Error message.
8.MRBS page should be visible	Meeting room booking	1.Enter employee name 2.Enter employee Id 3.Enter	1.Invalid employee name. (non-alphabets) 2.Invalid employee	Meeting request sent to concerned person.

		employee mail 4.Enter employee department. 5.Enter extn no. 6.Purpose 7.Start and End time. 8.click submit	id(non-number) 3.Invalid employee mail 4.Invalid employee dept (non-alphabets &non- numbers). 5.extn no. >4 6.purpose>30 7. Invalid Start and End time not in(hh:mm:ss) 8.click submit	Error message.
9.MRBS page should be visible	Meeting room booking	Click cancel button	----	Cancels the meeting request.
10.MRBS page should be visible	Meeting room booking	Click clear button	----	Reset all fields.
11.MRBS page should be visible	Meeting room booking	View current booking button	-----	Displayed current bookings.

Triangle

Senario	Action	Test data	Expected result

Form a triangle	1.Enter side1 2.Enter side2 3.Enter side3	1.side1 is a positive integer. 2.side2 is a positive integer 3.side3 is a positive integer 4.sum of two sides greater than the other side.	Triangle is formed. Area calculation begins.
Form a triangle	1.Enter side1 2.Enter side2 3.Enter side3	1.side1 is a negative integer. 2.side2 is a positive integer 3.side3 is a positive integer 4.sum of two sides greater than the other side.	Triangle formation failed. Re-enter the sides
Form a triangle	1.Enter side1 2.Enter side2 3.Enter side3	1.side1 is a positive integer. 2.side2 is a negative integer 3.side3 is a positive integer 4.sum of two sides greater than the other side.	Triangle formation failed. Re-enter the sides
Form a triangle	1.Enter side1 2.Enter side2 3.Enter side3	1.side1 is a positive integer. 2.side2 is a positive integer 3.side3 is a negative integer 4.sum of two sides greater than the other side.	Triangle formation failed. Re-enter the sides
Form a triangle	1.Enter side1 2.Enter side2 3.Enter side3	1.side1 is a positive integer. 2.side2 is a positive integer 3.side3 is a positive integer 4.sum of two sides lesser than the other side.	Triangle formation failed. Re-enter the sides

Form a triangle	1.Enter side1 2.Enter side2 3.Enter side3	1.side1 is a negative integer. 2.side2 is a negative integer 3.side3 is a negative integer 4.sum of two sides lesser than the other side.	Triangle formation failed. Re-enter the sides
Calculating area of the triangle formed.	Calculate the value of S from $S = \frac{1}{2}(side1 + side2 + $	Triangle formed in the previous function	Area of the triangle is calculated using area= $\sqrt{s * (s - a) * (s - b) * (s -}$