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Q1.1

(voir les PDF attacher)

Q1.2

actionPerformed

Numéro de cas de test	Données de test incluant les résultats escomptés	Branches Couvertes	Conditions Couvertes
1.1	e.getSource() = buttons[0] SE = "1"	(126-129)-131-132-133-136-137-138-139-196-207-218-229-240-251-261-266	e.getSource() = buttons[0], clearscreen = true,
1.2	e.getSource() = buttons[1] SE = "2"	(126-129)-131-136-142-143-144-196-207-218-229-240-251-261-266	e.getSource() = buttons[1], clearscreen = false
1.3	e.getSource() = buttons[2] SE = "3"	(126-129)-131-136-142-147-148-149-196-207-218-229-240-251-261-266	e.getSource() = buttons[2], clearscreen = false
1.4	e.getSource() = buttons[5] SE = "4"	(126-129)-131-136-142-147-152-153-154-196-207-218-229-240-251-261-266	e.getSource() = buttons[5], clearscreen = false
1.5	e.getSource() = buttons[6] SE = "5"	(126-129)-131-136-142-147-152-157-158-159-196-207-218-229-240-251-261-266	e.getSource() = buttons[6], clearscreen = false
1.6	e.getSource() = buttons[7]	(126-129)-131-136-142-147-152-157-162-163-164-196-207-218-229-240-251-261-266	e.getSource() = buttons[7], clearscreen = false

	SE = “6”		
1.7	e.getSource() = buttons[10] SE = “7”	(126-129)-131-136-1 42-147-152-157-162- 167-168-169-196-207 -218-229-240-251-26 1-266	e.getSource() = buttons[10], clearscreen = false
1.8	e.getSource() = buttons[11] SE = “8”	(126-129)-131-136-1 42-147-152-157-162- 167-172-173-174-196 -207-218-229-240-25 1-261-266	e.getSource() = buttons[11], clearscreen = false
1.9	e.getSource() = buttons[12] SE = “9”	(126-129)-131-136-1 42-147-152-157-162- 167-172-177-178-179 -196-207-218-229-24 0-251-261-266	e.getSource() = buttons[12], clearscreen = false
1.10	e.getSource() = buttons[16] SE = “0”	(126-129)-131-136-1 42-147-152-157-162- 167-172-177-182-183 -184-196-207-218-22 9-240-251-261-266	e.getSource() = buttons[16], clearscreen = false
1.11	e.getSource() = buttons[17] SE = “0.0”	(126-129)-131-136-1 42-147-152-157-162- 167-172-177-182-186 -187-188-189-190-19 6-207-218-229-240-2 51-261-266	e.getSource() = buttons[17], clearscreen = false, decnumber = false
1.12	e.getSource() = buttons[17] SE = “0.0”	(126-129)-131-136-1 42-147-152-157-162- 167-172-177-182-186 -187-196-207-218-22 9-240-251-261-266	e.getSource() = buttons[17], clearscreen = false, decnumber = true
1.13	e.getSource() = buttons[20] SE =	(126-129)-131-136-1 42-147-152-157-162- 167-172-177-182-186 -196-207-218-229-24 0-251-261-266	e.getSource() != buttons[i] lorsque 0<= i <= 17, clearscreen = false

	ArrayIndexOutOfBoundsException		
1.14	e.getSource() = buttons[14] SE = ""	(126-129)-196-207-2 18-229-240-251-252- 253-254-255-256-257 -261-266	e.getSource() = buttons[14], doubleclick = true
1.15	e.getSource() = buttons[14], input = "5" SE = "2.23606797749979"	(126-129)-196-207-2 18-229-240-251-252- 253-254-255-257-261 -266	e.getSource() = buttons[14], doubleclick = false
1.16	e.getSource() = buttons[13] SE = ""	(126-129)-196-207-2 18-229-240-241-242- 243-244-245-246-247 -261-266	e.getSource() = buttons[13], doubleclick = true
1.17	e.getSource() = buttons[13], input = "6" SE = "6"	(126-129)-196-207-2 18-229-240-241-242- 243-244-245-247-261 -266	e.getSource() = buttons[13], doubleclick = false
1.18	e.getSource() = buttons[15], input = "1" SE = "0"	(126-129)-196-207-2 18-229-240-251-261- 262-266	e.getSource() = buttons[15]
1.19	e.getSource() = buttons[18] SE = ""	(126-129)-196-207-2 18-229-240-251-261- 266-267-268-269-270 -271-272	e.getSource() = buttons[18], doubleclick = true
1.20	e.getSource() = buttons[18], input = "3" SE = "3"	(126-129)-196-207-2 18-229-240-251-261- 266-267-268-269-270 -272	e.getSource() = buttons[18], Doubleclick = false
1.21	e.getSource() = buttons[9] SE = ""	(126-129)-196-207-2 18-229-230-231-232- 233-234-235-236-261 -266	e.getSource() = buttons[9], doubleclick = true
1.22	e.getSource() =	(126-129)-196-207-2	e.getSource() =

	buttons[9], input = "4" SE = "4"	18-229-230-231-232-233-234-236-261-266	buttons[9], doubleclick = false
1.23	e.getSource() = buttons[8] SE = ""	(126-129)-196-207-2 18-219-220-221-222- 223-224-225-261-266	e.getSource() = buttons[8], doubleclick = true
1.24	e.getSource() = buttons[8], input = "2" SE = "2"	(126-129)-196-207-2 18-219-220-221-222- 223-225-261-266	e.getSource() = buttons[8], doubleclick = false
1.25	e.getSource() = buttons[4] SE = ""	(126-129)-196-207-2 08-209-210-211-212- 213-214-261-266	e.getSource() = buttons[4], doubleclick = true
1.26	e.getSource() = buttons[4], input = "6" SE = "6"	(126-129)-196-207-2 08-209-210-211-212- 214-261-266	e.getSource() = buttons[4], doubleclick = false
1.27	e.getSource() = buttons[3] SE = ""	(126-129)-196-197-1 98-199-200-201-202- 203-261-266	e.getSource() = buttons[3], doubleclick = true
1.28	e.getSource() = buttons[3], input = "7" SE = "7"	(126-129)-196-197-1 98-199-200-201-203- 261-266	e.getSource() = buttons[3], doubleclick = false

processNumber

Numéro de cas de test	Données de test incluant les résultats escomptés	Branches Couvertes	Conditions Couvertes
2.1	e.getSource() = buttons[18], input = "3" ES = "3"	284-286-287-288-293 -296-297-298-299-30 1	firstpress = true, equals = true
2.2	e.getSource() =	284-286-291-301	firstpress = true,

	buttons[14], input = "4" ES = "2.0"		equals = false, oper = SQRT,
2.3	e.getSource() = buttons[18], input = "4", oper = ADD, num1 = 3 ES = "7.0"	284-306-323-325-326 -327-328-332-333-33 4-336	firstpress = false, !morenums = false, equals = true
2.4	e.getSource() = buttons[9], input = "2", newoper = DIVI, num1 = 9, num2 = 3, oldoper = ADD ES = "6.0"	284-306-323-325-332 -333-334-336	firstpress = false, !morenums = false, equals = false
2.5	e.getSource() = buttons[4], input = "4", num1 = 6, oldoper = MULT ES = "24.0"	284-306-308-309-310 -311-313-316-317	firstpress = false, !morenums = true, !equals = false
2.6	e.getSource() = buttons[18], num1 = 7, num2 = 8, input = "9", oldoper = ADD, newoper = MULT ES = "135.0"	284-306-308-309-310 -311-313-314	firstpress = false, !morenums = true, !equals = true

Calculate

Numéro de cas de test	Données de test incluant les résultats escomptés	Branches Couvertes	Conditions Couvertes
3.1	number1 = 12, number2 = 32, oper = ADD ES = "44.0"	346-350-369	ADD = T, SUB = F, MULT = F, DIVI = F, POW = F, SQRT = F
3.2	number1 = 45,	346-353-369	ADD = F, SUB = T,

	number2 = 23, oper = SUB ES = "22.0"		MULT = F, DIVI = F, POW = F, SQRT = F
3.3	number1 = 2, number2 = 54, oper = MULT ES = "108.0"	346-356-369	ADD = F, SUB = F, MULT = T, DIVI = F, POW = F, SQRT = F
3.4	number1 = 24, number2 = 43, oper = DIVI ES = "0.5581395348837209"	346-359-369	ADD = F, SUB = F, MULT = F, DIVI = T, POW = F, SQRT = F
3.5	number1 = 654, number2 = 3, oper = POW ES = "2.79726264E8"	346-362-369	ADD = F, SUB = F, MULT = F, DIVI = F, POW = T, SQRT = F
3.6	number1 = 43, oper = SQRT ES = "6.557438524302"	346-365-369	ADD = F, SUB = F, MULT = F, DIVI = F, POW = F, SQRT = T
3.7	Number1 = 3, number2 = 23, oper = KHANG = 10 ES = "0.0"	346-369	ADD = F, SUB = F, MULT = F, DIVI = F, POW = F, SQRT = F

Question 1.3

Voir projet attacher

Question 1.4

Nous avons touché 100% des instructions (pour actionPerfmored, processNumbers et calculate), mais pas 100% pour tous le code comme ils avait des méthodes que nous n'avions

pas besoins de tester. Cependant Nous n'avons pas frapper tous les conditions de chaque if statement. Il n'est pas 100% parce que la ligne 186 (qui check si le bouton est 17) ne peut pas être faux parce que si le bouton est 3, 4, 8, 9, 13, 14, 15, ou 18, il va skipper au ligne 196, si le bouton est 0, 1, 2, 3, 5, 6, 7, 10, 11, 12, 16 ou 17, il va être vrais avant ou sur ligne 186, le seule façon d'avoir fausse sur la ligne 186 est d'avoir un bouton plus petit que 0 ou plus grand que 18, mais cela nous donne un erreur `IndexOutOfBoundsException`. De plus, la ligne 323 doit être vrais parce que la ligne 306 check si `morenums` est faux, et la ligne 323 (qui check si `morenums` est vrais) peut seulement être accéder si `morenums` est vrais, et parce que `morenums` est vrais pour acceder la ligne 323, la ligne 323 vas toujours etre vrais.

calCFrame

The screenshot shows the Eclipse IDE with the `CalculatorTest.java` file open. The code is a JUnit 4 test class for the `Calculator` class. It includes a `setUp()` method and a `testCalculator()` method. The `testCalculator()` method contains a series of `assertEquals` calls to verify the output of the `Calculator` class for various inputs and operations. The `Coverage` view at the bottom shows the coverage for the `CalculatorTest` class and its methods. The `CalCFrame` class is highlighted in red, indicating it is the current class being tested. The `Coverage` view shows that the `CalCFrame` class has a coverage of 99.1%.

Element	Coverage	Covered Instructions	Missed Instructions	Total Instructions
CalculatorTest	0.0 %	0	16	16
CalCFrame	99.1 %	1,124	10	1,134
setUp()	99.4 %	1,118	7	1,125
testCalculator()	0.0 %	0	4	4
assertEquals()	0.0 %	0	3	3
CalCFrame(String)	100.0 %	333	0	333
actionPerformed(ActionEvent)	100.0 %	552	0	552
calculate(double, double)	100.0 %	34	0	34
clearScreen()	100.0 %	28	0	28
clickCheck(String)	100.0 %	13	0	13
getResult()	100.0 %	3	0	3
processNumbers()	100.0 %	133	0	133
setClearScreen(boolean)	100.0 %	4	0	4
showAnswer(String)	100.0 %	18	0	18

CalculatorTest (rouge pour `IndexOutOfBoundsException`)

eclipse-workspace - Calculator\calculator\src\calculator\CalcFrame.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer JUnit 22

Finished after 0.307 seconds.

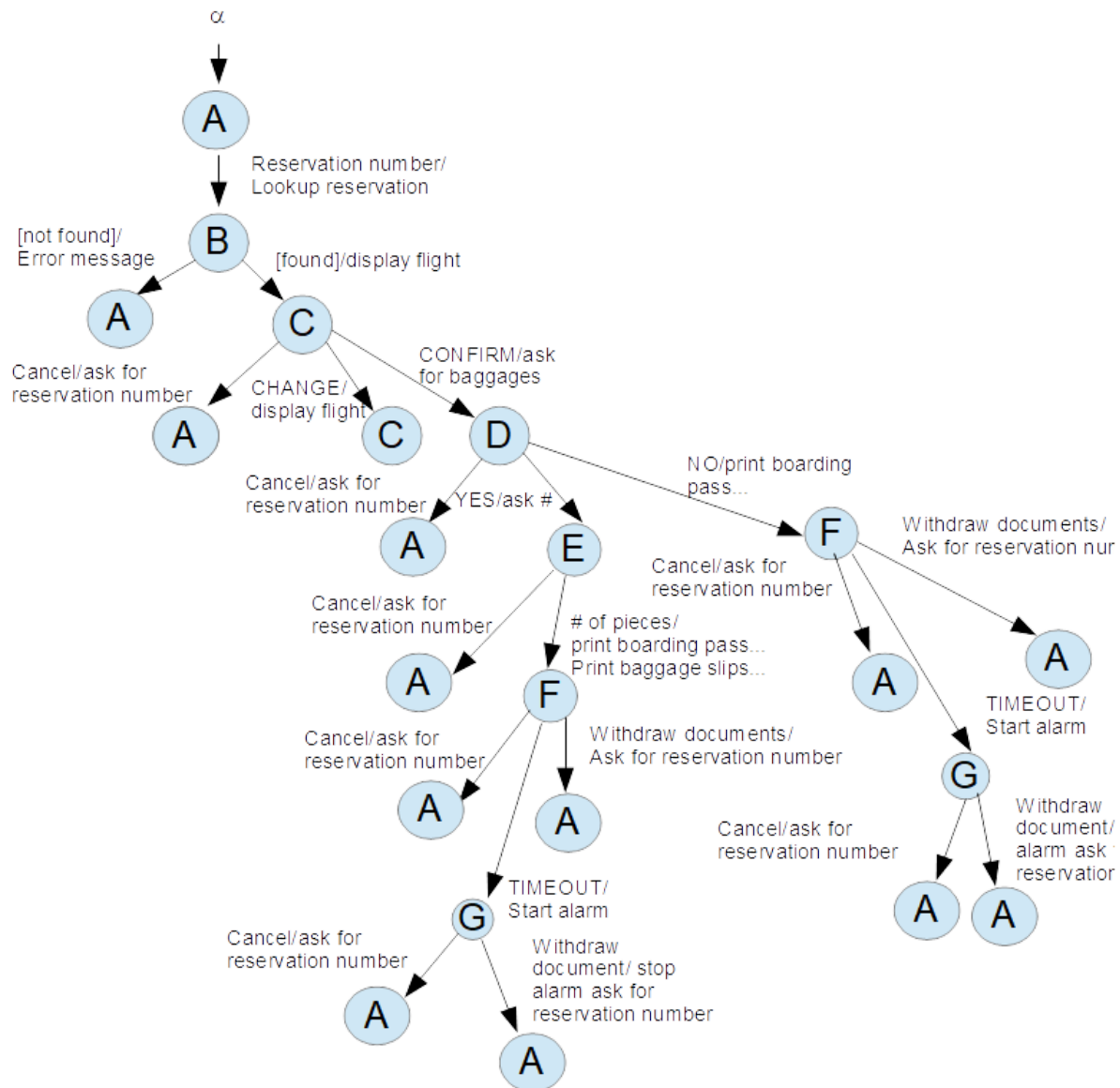
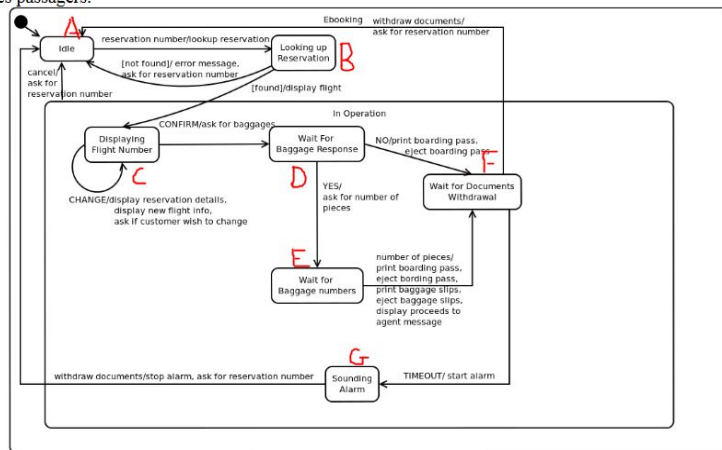
Runs: 41/41 Errors: 0 Failures: 0

CalculatorTest (Jun 26, 2019 12:50:52 PM)

Element	Coverage	Covered Instructions	Missed Instructions	Total Instructions
CalculatorTest.java	98.1 %	1,583	31	1,614
CalculatorTest	98.1 %	1,583	31	1,614
test130	33.3 %	8	16	24
getButton(CalFrame, int)	37.1 %	20	15	35
test110	100.0 %	29	0	29
test1100	100.0 %	29	0	29
test1110	100.0 %	41	0	41
test1120	100.0 %	29	0	29
test1140	100.0 %	29	0	29
test1150	100.0 %	44	0	44
test1160	100.0 %	29	0	29
test1170	100.0 %	44	0	44
test1180	100.0 %	44	0	44
test1190	100.0 %	29	0	29
test120	100.0 %	29	0	29
test1200	100.0 %	44	0	44
test1210	100.0 %	29	0	29
test1220	100.0 %	44	0	44
test1230	100.0 %	29	0	29
test1240	100.0 %	44	0	44
test1250	100.0 %	29	0	29
test1260	100.0 %	44	0	44
test1270	100.0 %	29	0	29
test1280	100.0 %	44	0	44
test130	100.0 %	29	0	29
test140	100.0 %	29	0	29
test150	100.0 %	29	0	29
test160	100.0 %	29	0	29
test170	100.0 %	29	0	29
test180	100.0 %	29	0	29
test190	100.0 %	29	0	29
test20	100.0 %	44	0	44
test200	100.0 %	44	0	44
test230	100.0 %	74	0	74
test240	100.0 %	104	0	104
test250	100.0 %	74	0	74
test260	100.0 %	104	0	104
test310	100.0 %	25	0	25
test320	100.0 %	25	0	25
test330	100.0 %	25	0	25
test340	100.0 %	25	0	25
test350	100.0 %	25	0	25
test360	100.0 %	22	0	22
test370	100.0 %	25	0	25
CalculatorTest	97.7 %	1,174	36	1,160

Failure Trace

Partie 2 - Question 2.1 (20%)



Question 2.2 (10%)**Test de conformité**

ID	Etat initial	Evenement	Condition	Reaction	Etat resultat
1.1	α	constructor	-	-	A
1.2	A	Reservation number	-	Lookup reservation	B
1.3	B	-	[not found]	Error message Ask for reservation number	A
2.1	α	constructor	-	-	A
2.2	A	Reservation number	-	Lookup reservation	B
2.3	B	-	[found]	Display flight	C
2.4	C	Cancel	-	Ask for reservation number	A
3.1	α	constructor	-	-	A
3.2	A	Reservation number	-	Lookup reservation	B
3.3	B	-	[found]	Display flight	C
3.4	C	Change	-	Display reservation details, display new flight info, ask if customer wish to change	C
4.1	α	constructor	-	-	A
4.2	A	Reservation number	-	Lookup reservation	B
4.3	B	-	[found]	Display flight	C
4.4	C	Confirm	-	Ask for baggages	D

4.5	D	Cancel	-	Ask for reservation number	A
5.1	α	constructor	-	-	A
5.2	A	Reservation number	-	Lookup reservation	B
5.3	B	-	[found]	Display flight	C
5.4	C	Confirm	-	Ask for baggages	D
5.5	D	Yes	-	Ask for number of pieces	E
5.6	E	Cancel	-	Ask for reservation number	A
6.1	α	constructor	-	-	A
6.2	A	Reservation number	-	Lookup reservation	B
6.3	B	-	[found]	Display flight	C
6.4	C	Confirm	-	Ask for baggages	D
6.5	D	Yes	-	Ask for number of pieces	E
6.6	E	Number of pieces		Print boarding pass, eject boarding pass, print baggage slips, eject baggage slips, agent message	F
6.7	F	Cancel	-	Ask for reservation number	A
7.1	α	constructor	-	-	A
7.2	A	Reservation number	-	Lookup reservation	B
7.3	B	-	[found]	Display flight	C
7.4	C	Confirm	-	Ask for baggages	D
7.5	D	Yes	-	Ask for number of pieces	E
7.6	E	Number of	-	Print boarding pass, eject	F

		pieces		boarding pass, print baggage slips, eject baggage slips, agent message	
7.7	F	Withdraw documents	--	Ask for reservation number	A
8.1	α	constructor	-	-	A
8.2	A	Reservation number	-	Lookup reservation	B
8.3	B	-	[found]	Display flight	C
8.4	C	Confirm	-	Ask for baggages	D
8.5	D	Yes	-	Ask for number of pieces	E
8.6	E	Number of pieces		Print boarding pass, eject boarding pass, print baggage slips, eject baggage slips, agent message	F
8.7	F	TIMEOUT	--	Start alarm	G
8.8	G	Cancel	-	Ask for reservation number	A
9.1	α	constructor	-	-	A
9.2	A	Reservation number	-	Lookup reservation	B
9.3	B	-	[found]	Display flight	C
9.4	C	Confirm	-	Ask for baggages	D
9.5	D	Yes	-	Ask for number of pieces	E
9.6	E	Number of pieces		Print boarding pass, eject boarding pass, print baggage slips, eject baggage slips, agent message	F
9.7	F	TIMEOUT	--	Start alarm	G
9.8	G	Withdraw document	-	Stop alarm. Ask for reservation number	A
10.1	α	constructor	-	-	A

10.2	A	Reservation number	-	Lookup reservation	B
10.3	B	-	[found]	Display flight	C
10.4	C	Confirm	-	Ask for baggages	D
10.5	D	NO	-	Print boarding pass, eject boarding pass	F
10.6	F	Cancel	-	Ask for reservation number	A
11.1	α	constructor	-	-	A
11.2	A	Reservation number	-	Lookup reservation	B
11.3	B	-	[found]	Display flight	C
11.4	C	Confirm	-	Ask for baggages	D
11.5	D	NO	-	Print boarding pass, eject boarding pass	F
11.6	F	Withdraw documents	-	Ask for reservation number	A
12.1	α	constructor	-	-	A
12.2	A	Reservation number	-	Lookup reservation	B
12.3	B	-	[found]	Display flight	C
12.4	C	Confirm	-	Ask for baggages	D
12.5	D	NO	-	Print boarding pass, eject boarding pass	F
12.6	F	TIMEOUT	--	Start alarm	G
12.7	G	Cancel	-	Stop alarm. Ask for reservation number	A
13.1	α	constructor	-	-	A
13.2	A	Reservation number	-	Lookup reservation	B
13.3	B	-	[found]	Display flight	C

13.4	C	Confirm	-	Ask for baggages	D
13.5	D	NO	-	Print boarding pass, eject boarding pass	F
13.6	F	TIMEOUT	--	Start alarm	G
13.7	G	Withdraw document	-	Stop alarm. Ask for reservation number	A

Additional sneakpaths

ID	Etat initial	Evenement	Condition	Reaction	Etat resultat
1.1	α	constructor	-	-	A
1.2	A	Cancel	-	IllegalEvent Exception	A
2.1	α	constructor	-	-	A
2.2	A	Confirm	-	illegalEvent Exception	A
3.1	α	constructor	-	-	A
3.2	A	Change	-	IllegalEvent Exception	A
4.1	α	constructor	-	-	A
4.2	A	Yes	-	IllegalEvent Exception	A
5.1	α	constructor	-	-	A
5.2	A	No	-	IllegalEvent Exception	A
6.1	α	constructor	-	-	A
6.2	A	number of pieces	-	IllegalEvent Exception	A
7.1	α	constructor	-	-	A

7.2	A	Withdraw	-	IllegalEvent Exception	A
8.1	α	constructor	-	-	A
8.2	A	TIMEOUT	-	IllegalEvent Exception	A
9.1	α	constructor	-	-	A
9.2	A	Withdraw documents	-	IllegalEvent Exception	A

A-Reservation number

C-Change

C-confirm

D-NO

D-Yes

E-number of pieces

F-Withdraw documents

F-TIMEOUT

G-Withdraw documents

ID	Etat initial	Evenement	Condition	Reaction	Etat resultat
10.1	α	constructor	-	-	A
10.2	A	Reservation number	-	Lookup reservation	B
10.3	B	-	[found]	Display flight	C
10.4	C	Reservation number	-	IllegalEvent Exception	C
11.1	α	constructor	-	-	A
11.2	A	Reservation number	-	Lookup reservation	B
11.3	B	-	[found]	Display flight	C
11.4	C	No	-	IllegalEvent Exception	C

12.1	α	constructor	-	-	A
12.2	A	Reservation number	-	Lookup reservation	B
12.4	B	-	[found]	Display flight	C
12.5	C	Yes	-	IllegalEvent Exception	C
13	α	constructor	-	-	A
13.1	A	Reservation number	-	Lookup reservation	B
13.2	B	-	[found]	Display flight	C
13.3	C	number of pieces	-	IllegalEvent Exception	C
14.1	α	constructor	-	-	A
14.2	A	Reservation number	-	Lookup reservation	B
14.3	B	-	[found]	Display flight	C
14.4	C	Withdraw documents	-	IllegalEvent Exception	C
15.1	α	constructor	-	-	A
15.2	A	Reservation number	-	Lookup reservation	B
15.3	B	-	[found]	Display flight	C
15.4	C	TIMEOUT	-	IllegalEvent Exception	C

16.1	α	constructor	-	-	A
16.2	A	Reservation	-	Lookup	B

		number		reservation	
16.3	B	-	[found]	Display flight	C
16.4	C	Confirm	-	Ask for baggages	D
16.5	D	Reservation number	-	IllegalEvent Exception	D
17.1	α	constructor	-	-	A
17.2	A	Reservation number	-	Lookup reservation	B
17.3	B	-	[found]	Display flight	C
17.4	C	Confirm	-	Ask for baggages	D
17.5	D	Change	-	IllegalEvent Exception	D
18.1	α	constructor	-	-	A
18.2	A	Reservation number	-	Lookup reservation	B
18.3	B	-	[found]	Display flight	C
18.4	C	Confirm	-	Ask for baggages	D
18.5	D	Confirm	-	IllegalEvent Exception	D
19.1	α	constructor	-	-	A
19.2	A	Reservation number	-	Lookup reservation	B
19.3	B	-	[found]	Display flight	C
19.4	C	Confirm	-	Ask for baggages	D

19.5	D	number of pieces	-	IllegalEvent Exception	D
20.1	α	constructor	-	-	A
20.2	A	Reservation number	-	Lookup reservation	B
20.3	B	-	[found]	Display flight	C
20.4	C	Confirm	-	Ask for baggages	D
20.5	D	Withdraw	-	IllegalEvent Exception	D
21.1	α	constructor	-	-	A
21.2	A	Reservation number	-	Lookup reservation	B
21.3	B	-	[found]	Display flight	C
21.4	C	Confirm	-	Ask for baggages	D
21.5	D	TIMEOUT	-	IllegalEvent Exception	D

22.1	α	constructor	-	-	A
22.2	A	Reservation number	-	Lookup reservation	B
22.3	B	-	[found]	Display flight	C
22.4	C	Confirm	-	Ask for baggages	D
22.5	D	Yes	-	Ask for number of pieces	E

22.6	E	Reservation number	-	IllegalEvent Exception	E
23.1	α	constructor	-	-	A
23.2	A	Reservation number	-	Lookup reservation	B
23.4	B	-	[found]	Display flight	C
23.5	C	Confirm	-	Ask for baggages	D
23.6	D	Yes	-	Ask for number of pieces	E
23.7	E	Change	-	IllegalEvent Exception	E
24.1	α	constructor	-	-	A
24.2	A	Reservation number	-	Lookup reservation	B
24.3	B	-	[found]	Display flight	C
24.6	C	Confirm	-	Ask for baggages	D
24.6	D	Yes	-	Ask for number of pieces	E
25.6	E	Confirm	-	IllegalEvent Exception	E
25.1	α	constructor	-	-	A
25.2	A	Reservation number	-	Lookup reservation	B
25.3	B	-	[found]	Display flight	C
25.4	C	Confirm	-	Ask for baggages	D

25.5	D	Yes	-	Ask for number of pieces	E
25.6	E	No	-	IllegalEvent Exception	E
26.1	α	constructor	-	-	A
26.2	A	Reservation number	-	Lookup reservation	B
26.3	B	-	[found]	Display flight	C
26.4	C	Confirm	-	Ask for baggages	D
26.5	D	Yes	-	Ask for number of pieces	E
26.6	E	Yes	-	IllegalEvent Exception	E
27.1	α	constructor	-	-	A
27.2	A	Reservation number	-	Lookup reservation	B
27.3	B	-	[found]	Display flight	C
27.4	C	Confirm	-	Ask for baggages	D
27.5	D	Yes	-	Ask for number of pieces	E
27.6	E	Withdraw documents	-	IllegalEvent Exception	E
28.1	α	constructor	-	-	A
28.2	A	Reservation number	-	Lookup reservation	B
28.3	B	-	[found]	Display	C

				flight	
28.4	C	Confirm	-	Ask for baggages	D
28.5	D	Yes	-	Ask for number of pieces	E
28.6	E	TIMEOUT	-	IllegalEvent Exception	E

29.1	α	constructor	-	-	A
29.2	A	Reservation number	-	Lookup reservation	B
29.3	B	-	[found]	Display flight	C
29.4	C	Confirm	-	Ask for baggages	D
29.5	D	Yes	-	Ask for number of pieces	E
29.6	E	Number of pieces		Print boarding pass, eject boarding pass, print baggage slips, eject baggage slips, agent message	F
29,7	F	Reservation number	-	IllegalEvent Exception	F
30.1	α	constructor	-	-	A
30.2	A	Reservation number	-	Lookup reservation	B
30.3	B	-	[found]	Display flight	C
30.4	C	Confirm	-	Ask for baggages	D

30.5	D	Yes	-	Ask for number of pieces	E
30.6	E	Number of pieces		Print boarding pass, eject boarding pass, print baggage slips, eject baggage slips, agent message	F
30.7	F	Change	-	IllegalEvent Exception	F
31.1	A	Reservation number	-	Lookup reservation	B
31.2	B	-	[found]	Display flight	C
31.3	C	Confirm	-	Ask for baggages	D
31.4	D	Yes	-	Ask for number of pieces	E
31.5	E	Number of pieces		Print boarding pass, eject boarding pass, print baggage slips, eject baggage slips, agent message	F
31.6	F	Confirm	-	IllegalEvent Exception	F
32.1	A	Reservation number	-	Lookup reservation	B
32.2	B	-	[found]	Display flight	C
32.3	C	Confirm	-	Ask for baggages	D
32.4	D	Yes	-	Ask for number of pieces	E

32.5	E	Number of pieces		Print boarding pass, eject boarding pass, print baggage slips, eject baggage slips, agent message	F
32.6	F	No	-	IllegalEvent Exception	F
33.1	A	Reservation number	-	Lookup reservation	B
33.2	B	-	[found]	Display flight	C
33.3	C	Confirm	-	Ask for baggages	D
33.4	D	Yes	-	Ask for number of pieces	E
33.5	E	Number of pieces		Print boarding pass, eject boarding pass, print baggage slips, eject baggage slips, agent message	F
33.6	F	Yes	-	IllegalEvent Exception	F
34.1	A	Reservation number	-	Lookup reservation	B
34.2	B	-	[found]	Display flight	C
34.3	C	Confirm	-	Ask for baggages	D
34.4	D	Yes	-	Ask for number of pieces	E
34.5	E	Number of pieces		Print boarding pass, eject boarding pass, print baggage slips, eject	F

				baggage slips, agent message	
34.6	F	number of pieces	-	IllegalEvent Exception	F

35.1	α	constructor	-	-	A
35.2	A	Reservation number	-	Lookup reservation	B
35.3	B	-	[found]	Display flight	C
35.4	C	Confirm	-	Ask for baggages	D
35.5	D	Yes	-	Ask for number of pieces	E
35.6	E	Number of pieces		Print boarding pass, eject boarding pass, print baggage slips, eject baggage slips, agent message	F
35.7	F	TIMEOUT	--	Start alarm	G
35.8	G	Reservation number	-	IllegalEvent Exception	G
36.1	α	constructor	-	-	A
36.2	A	Reservation number	-	Lookup reservation	B
36.3	B	-	[found]	Display flight	C
36.4	C	Confirm	-	Ask for baggages	D
36.5	D	Yes	-	Ask for number of pieces	E

	E	Number of pieces		Print boarding pass, eject boarding pass, print baggage slips, eject baggage slips, agent message	F
36.6	F	TIMEOUT	--	Start alarm	G
36.7	G	Change	-	IllegalEvent Exception	G
37.1	α	constructor	-	-	A
37.2	A	Reservation number	-	Lookup reservation	B
37.3	B	-	[found]	Display flight	C
37.4	C	Confirm	-	Ask for baggages	D
37.5	D	Yes	-	Ask for number of pieces	E
37.6	E	Number of pieces		Print boarding pass, eject boarding pass, print baggage slips, eject baggage slips, agent message	F
37.7	F	TIMEOUT	--	Start alarm	G
37.8	G	Confirm	-	IllegalEvent Exception	G
38.1	α	constructor	-	-	A
38.2	A	Reservation number	-	Lookup reservation	B
38.3	B	-	[found]	Display flight	C
38.4	C	Confirm	-	Ask for baggages	D

38.5	D	Yes	-	Ask for number of pieces	E
38.6	E	Number of pieces		Print boarding pass, eject boarding pass, print baggage slips, eject baggage slips, agent message	F
38.7	F	TIMEOUT	--	Start alarm	G
38.8	G	No	-	IllegalEvent Exception	G
39.1	α	constructor	-	-	A
39.2	A	Reservation number	-	Lookup reservation	B
39.3	B	-	[found]	Display flight	C
39.4	C	Confirm	-	Ask for baggages	D
39.5	D	Yes	-	Ask for number of pieces	E
39.6	E	Number of pieces		Print boarding pass, eject boarding pass, print baggage slips, eject baggage slips, agent message	F
39.7	F	TIMEOUT	--	Start alarm	G
39.8	G	Yes	-	IllegalEvent Exception	G
40.1	α	constructor	-	-	A
40.2	A	Reservation number	-	Lookup reservation	B
40.3	B	-	[found]	Display flight	C

40.4	C	Confirm	-	Ask for baggages	D
40.5	D	Yes	-	Ask for number of pieces	E
40.6	E	Number of pieces		Print boarding pass, eject boarding pass, print baggage slips, eject baggage slips, agent message	F
40.7	F	TIMEOUT	--	Start alarm	G
40.8	G	number of pieces	-	IllegalEvent Exception	G
41.1	α	constructor	-	-	A
41.2	A	Reservation number	-	Lookup reservation	B
41.3	B	-	[found]	Display flight	C
41.4	C	Confirm	-	Ask for baggages	D
41.5	D	Yes	-	Ask for number of pieces	E
41.6	E	Number of pieces		Print boarding pass, eject boarding pass, print baggage slips, eject baggage slips, agent message	F
41.7	F	TIMEOUT	--	Start alarm	G
41.8	G	TIMEOUT	-	IllegalEvent Exception	G

42.1	α	constructor	-	-	A
42.2	A	Reservation	-	Lookup	B

		number		reservation	
42.3	B	-	[found]	Display flight	C
42.4	C	Confirm	-	Ask for baggages	D
42.5	D	NO	-	Print boarding pass, eject boarding pass	F
42.6	F	Reservation number	-	IllegalEvent Exception	F
43.1					
43.2					
43.3	α	constructor	-	-	A
43.4	A	Reservation number	-	Lookup reservation	B
43.5	B	-	[found]	Display flight	C
43.6	C	Confirm	-	Ask for baggages	D
43.7	D	NO	-	Print boarding pass, eject boarding pass	F
43.8	F	Change	-	IllegalEvent Exception	F
44.1	α	constructor	-	-	A
44.2	A	Reservation number	-	Lookup reservation	B
44.3	B	-	[found]	Display flight	C

44.4	C	Confirm	-	Ask for baggages	D
44.5	D	NO	-	Print boarding pass, eject boarding pass	F
44.6	F	Confirm	-	IllegalEvent Exception	F
45.1	α	constructor	-	-	A
45.2	A	Reservation number	-	Lookup reservation	B
45.3	B	-	[found]	Display flight	C
45.4	C	Confirm	-	Ask for baggages	D
45.5	D	NO	-	Print boarding pass, eject boarding pass	F
45.6	F	No	-	IllegalEvent Exception	F
46.1	α	constructor	-	-	A
46.2	A	Reservation number	-	Lookup reservation	B
46.3	B	-	[found]	Display flight	C
46.4	C	Confirm	-	Ask for baggages	D
46.5	D	NO	-	Print boarding pass, eject boarding pass	F

	F	Yes	-	IllegalEvent Exception	F
47.1	α	constructor	-	-	A
47.2	A	Reservation number	-	Lookup reservation	B
47.3	B	-	[found]	Display flight	C
47.4	C	Confirm	-	Ask for baggages	D
47.5	D	NO	-	Print boarding pass, eject boarding pass	F
47.6	F	number of pieces	-	IllegalEvent Exception	F

48.1	α	constructor	-	-	A
48.2	A	Reservation number	-	Lookup reservation	B
48.3	B	-	[found]	Display flight	C
48.4	C	Confirm	-	Ask for baggages	D
48.5	D	NO	-	Print boarding pass, eject boarding pass	F
48.6	F	TIMEOUT	--	Start alarm	G
48.7	G	Reservation number	-	IllegalEvent Exception	G

49.1	α	constructor	-	-	A
49.2	A	Reservation number	-	Lookup reservation	B
49.3	B	-	[found]	Display flight	C
49.4	C	Confirm	-	Ask for baggages	D
49.5	D	NO	-	Print boarding pass, eject boarding pass	F
49.6	F	TIMEOUT	--	Start alarm	G
49.7	G	Change	-	IllegalEvent Exception	G
50.1	α	constructor	-	-	A
50.2	A	Reservation number	-	Lookup reservation	B
50.3	B	-	[found]	Display flight	C
50.4	C	Confirm	-	Ask for baggages	D
50.5	D	NO	-	Print boarding pass, eject boarding pass	F
50.6	F	TIMEOUT	--	Start alarm	G
50.7	G	Confirm	-	IllegalEvent Exception	G
51.1	α	constructor	-	-	A

51.2	A	Reservation number	-	Lookup reservation	B
51.3	B	-	[found]	Display flight	C
51.4	C	Confirm	-	Ask for baggages	D
51.5	D	NO	-	Print boarding pass, eject boarding pass	F
51.6	F	TIMEOUT	--	Start alarm	G
51.7	G	No	-	IllegalEvent Exception	G
52.1	α	constructor	-	-	A
52.2	A	Reservation number	-	Lookup reservation	B
52.3	B	-	[found]	Display flight	C
52.4	C	Confirm	-	Ask for baggages	D
52.5	D	NO	-	Print boarding pass, eject boarding pass	F
52.6	F	TIMEOUT	--	Start alarm	G
52.7	G	Yes	-	IllegalEvent Exception	G
53.1	α	constructor	-	-	A
53.2	A	Reservation number	-	Lookup reservation	B

53.3	B	-	[found]	Display flight	C
53.4	C	Confirm	-	Ask for baggages	D
53.5	D	NO	-	Print boarding pass, eject boarding pass	F
53.6	F	TIMEOUT	--	Start alarm	G
53.7	G	Number of pieces	-	IllegalEvent Exception	G
54.1	α	constructor	-	-	A
54.2	A	Reservation number	-	Lookup reservation	B
54.3	B	-	[found]	Display flight	C
54.4	C	Confirm	-	Ask for baggages	D
54.5	D	NO	-	Print boarding pass, eject boarding pass	F
54.6	F	TIMEOUT	-	Start alarm	G
54.7	G	TIMEOUT	-	IllegalEvent Exception	G

5.3 see attached java files

EbookingControlSneak - Test de conformité 1 à 54

EbookingControlTest - Test de conformité 1 à 13

5.4

Every test result except 2 of them were as expected.

Pour les tests de conformité

Test 8 et 12 non pas passé.

Si l'état est *Sounding Alarm* la machine lance un `IllegalEventException` ce qui n'avait pas été prédis. C'est le cas parce que l'état *Sounding Alarm* n'est pas spécifié comme étant accepté par l'action cancel.