Step One TCI from EPs

TCI	Parameter	Range of Inputs	Test Case
EP1	guestAge	input >= 0 && input <= 12	TBD
EP2		input >= 13 && input <= 64	TBD
EP3		input >= 65....Integer.MAX_VALUE	TBD
EP4*		Integer.MIN_VALUE..input == -1	TBD

Step Two TCI for Boundary Values from EPs

TCI	Parameter	Boundary Value	Test Case
BV1	guestAge	0	TBD
BV2		12	TBD
BV3		13	TBD
BV4		64	TBD
BV5		65	TBD
BV6		Integer.MAX_VALUE	TBD
BV7*		-20	TBD
BV8	nights	1	TBD

BV9		14	TBD
BV10*		15	TBD
BV11	return value	50% off	TBD
BV12		FULLPRICE	TBD
BV13		20% off	TBD

Return values are purely representative and don't effect the actual testing of the BV.

Step Three TCI for Decision Table

Causes (true/false)

- Is Arkansas Resident?
- Has Veteran Status

Effects (rules)

- Apply $10 off additionally
- Apply 10% discount
- Apply both ($10 off first, then 10% of the remaining balance)
- Apply nothing

Boolean Expressions

- isArkansasResident == true || isArkansasResident == false
- hasVeteranStatus == true || hasVeteran Status == false

TCI	AR Resident?	Veteran?	Effect
DT1 (rule 1)	false	false	Apply nothing
DT2 (rule 2)	true	false	$10 off
DT3 (rule 3)	false	true	10% discount
DT4 (rule 4)	true	true	$10 off, then 10% discount