Step One Test Cases from EPs

Test Case ID	TCI Covered	Input: guestAge	Expected Output	Reasoning
T1.1	EP1	9	50% off	RQ: age is between 0-12
T1.2	EP2	30	FULLPRICE	RQ: age is between 13-64
T1.3	EP3	95	20% off	RQ: age is >= 65
T1.4*	EP4	-20	ERROR	Single error negative case

Step Two Test Cases for Boundary Values from BVs

Test Case ID	TCI Covered	Input: guestAge	Input: nights	Expected Output	Reasoning
T2.1	BV1,8,11	0	1	50% off	RQ: testing BV for BV1/8
T2.2	BV2,9,[11]	12	14	50% off	RQ: testing BV for BV2/9
T2.3	BV3,[8],12	13	1	FULLPRICE	RQ: testing BV for BV3
T2.4*	BV4,[10]*,[11]	64	15	ERROR	Error case where 15 nights is outside BVA (BV4)
T2.5	BV5,[8],13	65	1	20% off	RQ: testing BV for BV5
T2.6	BV6,[9],[13]	Integer.MAX_VALUE	14	20% off	RQ: testing BV for BV6
T2.7*	BV7*, [10]*,[12]	-20	15	ERROR	Error case where age = -20 is outside BVA && nights == 15 (BV7*)

Step Three Test Cases for Decision Table from DTs

Test Case ID	TCI Covered	Input: age	Input: nights	Input: AR Resident	Input: Veteran	Expected Output	Reasoning
T3.1	DT1	30	4	false	false	No discount	Not a veteran/AR resident
T3.2	DT2	30	4	true	false	$10 off total	AR resident
T3.4	DT3	30	4	false	true	10% off	Veteran
T3.5	DT4	30	4	true	true	$10 off, and then 10% off remaining total	Conflict rule (both)