

Unit Test Cases

Case	Description	INPUT	Expected result	Test result	Status	Remarks
Choose options	Should guide, describe available option, give example	1	Description: Options to fill seat. Option 1 - Fill by specific seat. Option 2 - Fill by count Enter option (1 or 2):	Options to fill seat. Option 1 - Fill by specific seat. Option 2 - Fill by count Enter option (1 or 2):	Pass	
Choose options - Invalid input	Choose non available Option 3/4	4	Throw error "Please choose correct option. Option 1 or 2"	Please choose correct option. Option 1 or 2	Pass	
Option 1 (Input represents the Block, rows and columns)	Choose option 1, to fill the seat by rows & column	1	Provide option "Enter specific seat to assign (Block/rows,columns - Ex: A/1,3) :"	Enter specific seat to assign (Block/rows,columns - Ex: A/1,3) :	Pass	
Option 1	A block - 1,3 seat number	A/1,3	Seating Arrangement Block - A ----- O O X O O O Block - B ----- O O O O O O O O O O O O	Seating Arrangement Block - A ----- O O X O O O Block - B ----- O O O O O O O O O O O O	Pass	
Option 1 - Invalid input	Non available block	X/2,2	Throw error "Please enter valid Blocks A or B Please enter valid seat number"	Please enter valid Blocks A or B Please enter valid seat number	Pass	
Option 2 (Input represents total number of passengers to fill)	Choose option 2, to fill the seat by number of passengers	2	Provide option "Enter number of seat to assign (Ex: 5) :"	Enter number of seat to assign (Ex: 5) :	Pass	Should be have move detail. Like available seats
Option 2 - Exceed available seat	Enter total number seats, which is greater than number of available seats (Total seat count 18)	20	Throw error Exceeds total number of available seats	Exceeds total number of available seats	Pass	
Option 2 - A block Aisle fill	Fill only A block 'Aisle' Seating	2	Seating Arrangement Block - A ----- O O X O O X Block - B ----- O O O O O O O O O O O O	Seating Arrangement Block - A ----- O O X O O X Block - B ----- O O O O O O O O O O O O	Pass	
Option 2 - A & B block Aisle fill	Check first Left to Right + Top to Bottom + Filling only A & B block 'Aisle' Seating		Seating Arrangement Block - A ----- O O X O O X Block - B ----- X O O X X O O O O O O O	Seating Arrangement Block - A ----- O O X O O X Block - B ----- X O O X X O O O O O O O	Pass	
Option 2 - Fill by count	Should fill the give seat by count	15	Seating Arrangement Block - A ----- X X X X X X Block - B ----- X X X X X X O X X O O X	Seating Arrangement Block - A ----- X X X X X X Block - B ----- X X X X X X O X X O O X	Pass	