Milestone1_TheWorld	Tesing Plan	Suppose				Output Example
Model Name	Unit Test Name	Fail?	Classes and Methods	Input	Exepectation	(notes):
DrLucky	initialize DrLucky Success		DrLucky_Implement(String, Int, Int)	"DrLucky", 10, 10	Success Create a DrLucky Class	
	initialize DrLucky Zero Hp	Fail	DrLucky_Implement(String, Int, Int)	"deadDr", 0, 10	IllegalArgumentException	
	initialize DrLucky Negative HP	Fail	DrLucky_Implement(String, Int, Int)	"negativeDr", -1,10	IllegalArgumentException	
						At least need 1
						room to start the
	initialize DrLucky Zero Rooms	Fail	DrLucky_Implement(String, Int, Int)	"DrLucky", 8,0	IllegalArgumentException	game.
	get Name String		getName(): String		A string of its name.	"DrLucky"
	get Current Hp Postive		getCurrentHp() : Int		A postive int of its current hp.	10
	get Current Up Zoro		getCurrentHp() : Int		A negative int of its current hp.	-3
	get Current Boom Number Sugges		getCurrentHp() : Int		A Zero Ingeger of its current hp.	
	get Current Room Number Success get Current Room Number Negative	Eail	getCurrentHp(): Int		An Integer of its room number IllegalStateException	2
	get Current Room Number Negative	Fail	getCurrentHp() : Int			ov: move rem in
	move DrLucky to next room Success		moveDrLucky()		Check dr lucky move to rooms in increase order of the total room.	0,1,2,3,4,5,
	move bilacky to hext room success		moveDreacky()		increase order or the total room.	ex: previouse hp
					decrease dr lucky's health	is 10, decrease by
	decreaseDrLuckyHp		decreaseHp(Int)	6	accordingly	6, now hp is 4
Item	Initialize Item Success		Item_Implement(String, Int)	"Sharp Knife", 3	Success Create an Item Class	-,
	Initialize Item Negative Damage	Fail	Item_Implement(String, Int)	"Bandaid", -2	IllegalArgumentException	
	get an Item Name		getItemName() : String		A string of its name.	"Sharp Knife"
	get an Item Damage		getItemDamage() : Int		An integer of its damange	3
						"Sharp Knife
	test toString		toString(): String		A string with name & damage	damage 3"
			Room_Implement(roomName : string,			
			roomNumber : int, topRowY : int, topColX	"Trophy Room", 10,		
Room	Initialize Room Success		: int, botRowY : int, botColX : int)	21, 15, 26	Success Create a Room Class	
			Room_Implement(roomName : string,			
	Initializa Room Fail Negative	Eail	roomNumber: int, topRowY: int, topColX		IllogalArgumentEveention	
	Initialize Room Fail Negative	Fail	: int, botRowY : int, botColX : int)	3, 2, 2	IllegalArgumentException	
			Doom Implement/roomName : string			
			Room_Implement(roomName : string, roomNumber : int, topRowY : int, topColX	"Negative Room"		
	Initialize Room Fail Oversize	Fail	: int, botRowY : int, botColX : int)	1000, 3, 2, 2	IllegalArgumentException	
	get Room Name		getRoomName()		A string of its name.	"Trophy Room"
			800.000(/		An array of int represent its	,
					location, in terms of its topleft	
					corner rowY colX, and bottom	
	get Room Location		getLocation() : Int []		right corner rowY, colX	10, 21, 15, 26
			getAllItemsWithDamage() : Map <string,< td=""><td></td><td>A dictionary of all the item in the</td><td>{"SharpKnife": 3,</td></string,<>		A dictionary of all the item in the	{"SharpKnife": 3,
	get All Items With Damage		Integer>		room with damage amount.	"Crepe Pan" : 3}
	get One Item Success		getOneItem(String): Item	"Revolver"	An Item object	Item Obj
	get One Item Fail	Fail	getOneItem(String): Item		null item does not exist	null
	add One Item Success		addOneItem(Item)	An item object	Item added success	Item Obj
				An already existing		
		F (1	110 11 (11)	item object in the		
	add One Item Already Exist Fail	Fail	addOneItem(Item)	room	IllegalArgumentException	
				An already existing		
	remove One Item Success		romovoOnoltom/Itom\	item object in the		
	Temove One Item Juccess		removeOneItem(Item)	room		

	remove One Item Non exist Item	Fail	removeOneItem(Item)	An non existing item object for the room.	IllegalArgumentException	
					J J ,	"Trophy Room, inlcuding: Sharp Knife damage 3,
	test toString		toString() : String		A string with Room name, and Items in the room with damage,	Revolver damage
World Implement	tost create Graph representation		createGraphBufferedImage() : BufferedImage		Success BufferedImage class be created	BufferedImage
World_Implement	test create Graph representation get World Name		getWorldName() : String		A string with Room name	"Mansion"
					A list of String which are	"Library", "Tennessee Room",
	get Neighbors Room List		<pre>getNeighborsRoomList(String) : List<string></string></pre>	"Trophy Room"	neighbors of the input Room name	"DiningRoom", "Billiard Room".
	get Total Room Number		getTotalOfRoom() : Int		An Integer of total room number in the World	10
	get Total Item Number		getTotalOfItem() : Int		An Integer of total Item number in the world	8
					A string of Room Name, DrLucky, players, items and neighbors of	
	get One Room Info Success		getOneRoomInfo(String)	"Armory"	the room.	A room not exist,
	get One Room Info Failed	Fail	getOneRoomInfo(String)	"Not a Valid room"	IllegalArgumentException	throw Error
	move DrLucky in the World to next room		moveDrLucky()		Check dr lucky move to rooms in increase order of the total room.	
Curatala/auldl.lalaau	took World Build Cooper		and desired the first of the second s	Undone in a total	Success World correctly created	A correct build txt
CreateWorldHelper	test World Build Success test World Build Worng File type	Fail	readBuildTxtFile(Readable fptr) : World readBuildTxtFile(Readable fptr) : World	"Mansion.txt" "Mansion.ababa"	and returnd IllegalArgumentException	file given
	test World Build File Not Exist	Fail	readBuildTxtFile(Readable fptr): World	"Not exist file"	IllegalArgumentException	
	test World Build Boundary Zero	Fail	readBuildTxtFile(Readable fptr) : World	"MansionWrongBound ry.txt"	IllegalStateException	1st line boundry must all be postive
				"MansionWrongBound		1st line boundry must all be
	test World Build Boundary Negative	Fail	readBuildTxtFile(Readable fptr) : World	ry.txt"	IllegalStateException	postive
				"No name		1st line must have a world
	test World Build No World name	Fail	readBuildTxtFile(Readable fptr): World	Mansion.txt"	IllegalStateException	name
						1st line boundry must be 2 postive
	test World Build Incorrect Boundary	Fail	readBuildTxtFile(Readable fptr) : World	"Mansion.txt"	IllegalStateException	integer. 2nd line need to
	toot World Duild Dulmala, News a landid	Fail.	wood Duild Tut File / Dood oh lo fatal . Would	UB do notion to till	IllanalCtataEvenution	have a dr lucky's
	test World Build DrLucky Name Invalid	Fail	readBuildTxtFile(Readable fptr) : World	"Mansion.txt"	IllegalStateException	name 2nd line 1 col
						need to have dr's Hp, Hp need to be
	test World Build DrLucky Hp Invalid	Fail	readBuildTxtFile(Readable fptr) : World	"Mansion.txt"	IllegalStateException	postive Int.
						3rd line col 1 need to have a postive int reflect total room numbers, and match follwing
	test World Build Total Room Number Invalid	Fail	readBuildTxtFile(Readable fptr): World	"Mansion.txt"	IllegalStateException	lines of rooms.

test World Build Total Room Number Mistmatch	Fail	readBuildTxtFile(Readable fptr) : World	"Mansion.txt"	IllegalStateException	4th line to follwing lines, should match 3rd line, the total room numbers
					Room spec line shoud looks like this: int int int int String, to represent it's topLeft and
test World Build Room Format Error	Fail	readBuildTxtFile(Readable fptr) : World	"Mansion.txt"	IllegalStateException	botRight location Room spec location our of
test World Build Room Format Oversize Error	Fail	readBuildTxtFile(Readable fptr) : World	"Mansion.txt"	IllegalStateException	World size Rooms cannot
test World Build Room Format Overlap Error	Fail	readBuildTxtFile(Readable fptr) : World	"Mansion.txt"	IllegalStateException	overlap each other No isolated room
test World Build Room Format No Isolated Room	Fail	readBuildTxtFile(Readable fptr): World	"Mansion.txt"	IllegalStateException	in the World Rooms must have
test World Build Room Format Error No Name	Fail	readBuildTxtFile(Readable fptr): World	"Mansion.txt"	IllegalStateException	a Name Rooms Name canot be
test World Build Room Format Error Duplicated Name	Fail	readBuildTxtFile(Readable fptr): World	"Mansion.txt"	IllegalStateException	duplicated No items number
test World Build Total Items number invalid	Fail	readBuildTxtFile(Readable fptr): World	"Mansion.txt"	IllegalStateException	given Items in the txt not match item
test World Build Items Number Mismatch Error	Fail	readBuildTxtFile(Readable fptr) : World	"Mansion.txt"	IllegalStateException	amount
test World Build Items Duplicated Name Error	Fail	readBuildTxtFile(Readable fptr) : World	"Mansion.txt"	IllegalStateException	not be duplicated
test world Build Items No damage Given Error	Fail	readBuildTxtFile(Readable fptr) : World	"Mansion.txt"	IllegalStateException	Item must have a damage int Item must have a postive damage
test world Build Items damage not postive	Fail	readBuildTxtFile(Readable fptr): World	"Mansion.txt"	IllegalStateException	int