Test Plan	Test launt	Fire and Ordered			
Class Item	Test Input	Expect Output			
	tagandi jat ja tha Liat datanan anku aantaja 2 valuas				
Test Item Constructor	*coordList is the List <integer> only contain 2 values</integer>	Discourse bised secrets of			
create an Item object with correct parameters create an Item object with incorrect parameters	Item("Crepe Pan", coordList, 3)	Player object created			
(wrong types of parameter or wrong numbers of parameters)	Item("Crepe Pan", 8, 3, 3) or Item("Crepe Pan", "8", 3)	throws IllegalArgumentException			
create an Item object with coordList size not equal to 2	Item("Crepe Pan", coordListSizeOne, 3)	throws IllegalArgumentException			
,		ÿ Ü .			
Test getItemName(): String					
It should return the name of the item as String	nothing, as long as our object is created properly (Item("Crepe Pan", coordList, 3))	Crepe Pan			
- J					
Test getMurderValue(): int					
It should return the value of the item as an interger number	nothing, as long as our object is created properly (Item("Crepe Pan", coordList, 3))	3			
Test getLocation(): List <int></int>					
It should return the xy coordinate as an int array with only					
2 elements	nothing, as long as our object is created properly (Item("Crepe Pan", coordList, 3))	coordList, the first element is 8 and second element is 3			
Class Room					
Test Room Constructor	*locationList is List <integer> with 4 elements, ItemList is List<item>, neighborList and visibleList are List<room></room></item></integer>				
create a room object with correct parameters	room("Armory", 15, locationList, ItemList, neighborList, visibleList)	Room object created			
create a room object with incorrect parameters	room("Armory", 15, locationList, itemList, neighborList, visibleList)	Room object created			
(wrong types of parameter or wrong numbers of parameters)	room("Armory", 15, 1,2,3,4, itemList, neighborList, visibleList) or room("Armory", 15, locationList, ItemList, "Piazza", visibleList)	throws IllegalArgumentException			
create a room object with incorrect size of locationList					
(the list size is not 4)	room("Armory", 15, locationListSizeFive, ItemList, neighborList, visibleList)	throws IllegalArgumentException			
Test getRoomName(): String					
It should return the name of the room as String	nothing, as long as our object is created properly room("Armory", 15, locationList, ItemList, neighborList, visibleList)	Armory			
it should return the name of the room as String	Toom(Armory , 15, locationList, itemList, neighborList, visibleList)	Almory			
Test getNeighbor(): List <room></room>					
rest gethergribot(). List>Rootil>	nothing, as long as our object is created properly				
It should return the List of the Room objects	room("Armory", 15, locationList, ItemList, neighborList, visibleList)	List <room></room>			
Test getItem(): List <item></item>					
	nothing, as long as our object is created properly				
It should return the List of the Item objects	room("Armory", 15, locationList, ItemList, neighborList, visibleList)	List <item></item>			
Test isAdjacent(room: Room): boolean					
it should check is the parameter an element of the field neighbor, if it is, return True.	Piazza	False			
Pass incorrect type of parameter is not allowed or	1 10220	1 dise			
not only one input parameter	"Piazza" or (empty)	throws IllegalArgumentException			
Test isVisibleFrom(room: Room): boolean					
it should check is the parameter an element of the field visbleFrom,					
if it is, return True.	Piazza	True			
Pass incorrect type of parameter is not allowed or not only one input parameter	"Piazza" or (empty)	throws IllegalArgumentException			
	· · (Ambr)				
Test getNeighborNames(): String					
it should return all neighbors of this Room object	(For Armory)Nothing	Drawing Room, Liliard Room, Dining Hall			
		. 5 ,			
Test getRoomID(): int					
it should return the roomID of this room, which coreesponds to the					
sequence in which the room appear in the input file	(For Armory)Nothing	0			
Test getInfo(): String					
		Room Name: Armory			
		Room ID: 0 Coordinates: [22, 19, 23, 26]			
It should return all detail of selected room. Including Room ID,		Neighbors: Billiard Room, Dining Hall, Drawing Room			
Room Name, Neigbors of this room, Visible from this room,	(For Assess Mothing	Visible From: Billiard Room, Dining Hall, Drawing Room, Library, Master Suite, Nursery, To	ennessee Room,	Trophy Room, Wir	ne Cellar
Items in this room	(For Armory)Nothing	Items: Revolver			

Test getCoordinates(): int[]			
It should return the four number when we contruct room to			
represent the location of selected room	(For Armory)Nothing	[22, 19, 23, 26]	
Test addItem(Item item): void			
It should add the item into the selected room	(Item) Revolver	Nothing will return, but revolver will be added into the room's item list	
Wrong type object(not item)	String Revolver	throws IllegalArgumentException	
wrong type object(not item)	Juliy Nevolvei	unows meganagumentxcepuon	
Test addNeighbor(Room room): void			
Add the room into the neigbor list of selected Room	(Room) Dining Hall	Nothing will return, but Dining Hall will be added in to neighbor list of Armory	
Wrong type of parameter, not room Object	(Item) Revolver	throws IllegalArgumentException	
Test addVisibleFromRoom(Room room): void			
Add the room into the visble list of selected Room	(Room) Dining Hall	Nothing will return, but Dining Hall will be added in to visble list of Armory	
Wrong type of parameter, not room Object	(Item) Dining Hall	throws IllegalArgumentException	
Test canSeeFrom(Room otherRoom): boolean			
Use coordinates and world infomation to check is two room are neighbor or not. This will be checked during initialization of world.	(Room) Dining Hall	TRUE	
Wrong type of parameter, not room Object	(Item) Dining Hall	throws IllegalArgumentException	
Test areNeighbors(Room room): boolean			
Use coordinates and world infomation to check is two room are			
visible or not. This will be checked during initialization of world.	(Room) Dining Hall	TRUE	
Wrong type of parameter, not room Object	(Item) Dining Hall	throws IllegalArgumentException	
Test getVisibleFrom():List <room></room>			
Return the list of room from the selected room	(For Armory)Nothing	List <room></room>	
Neturn the list of foom from the selected foom	(1 of Armory), Nothing	LISCHNOOM	
Class Player			
Test Player Constructor			
create a Player object with correct parameters	Player("Eric", Piazza)	Player object created	
create a Player object with incorrect parameters (wrong types of parameter or wrong numbers of parameters)	Player("Eric", "Piazza")	throws IllegalArgumentException	
Test getCharacterName(): String			
It should return the name of the Player as String	nothing, as long as our object is created properly (Player("Eric", Piazza))	Eric	
Test getLocation(): Room			
It should return the Room object the Player object locate at	nothing, as long as our object is created properly (Player("Eric", Piazza))	Room object Piazza	
Test move(room Room):void		Nothing should return, but can check with the getLocation to	
It should move the player to the destinated room	Foyer	show Room object Foyer	
Pass incorrect numbers of parameter(not 1) or incorrect types of parameter(not Room) is not allowed	"Foyer" or (empty)	throws IllegalArgumentException	
Pass the room is not adjacent to the room the player			
locates at is not allowed	Library	throws IllegalArgumentException	
Test murder(target Target, damage: int): boolean			
		True if muder success. It should reduce target's hp	
It should try to kill the target by reducing target's health point by certain amount	Doctor Lucky, 5	by the item's murder/value by using setTargetHP(), can check with getTargetHP()	
Pass incorrect numbers of parameter(not 2) or incorrect types of parameter(not Target) is not allowed	Doctor Lucky, 5, 5 or Doctor Lucky, "5"	throws IllegalArgumentException	
Pass the damage number below 1 is not allowed	Doctor Luckly, 0	throws IllegalArgumentException	
Test getCharacterInfo(): String			
		Player Name: Luke Skywalker Current Location: Master Suite	
It should return the character info of the player.	Nothing	Item: Light Saber	

Test getItem(): List <item></item>				
	Nothing	[light cohor light gup]		
It should return the item this player has in a list	Nothing	[light saber, light gun]		
Test pickItem(item: Item): void				
It should allow player to pick one of items in the room the player is		Nothing, but this item should be added into the player's item list, and remove from		
currently in	Item Object	item list of the room		
Wrong type of parameter cannot be passed	Room object	throws IllegalArgumentException		
The item is not in the itemlist of the room that the player is currently				
in cannot be picked	Item Nuclear Weapon	throws IllegalArgumentException		
Test lookAround():String It should return all information of all the room that are neighbors of		It should include room name, statues of player or target who are in that room, the items		
the room where the player stays at	Nothing	in that room of all neigbors of the rooms where the player stay at		
Test getPlayerId():int	N. W.	007		
It should return the id of the selected player	Nothing	997		
Test met a setion(). Desm				
Test getLocation(): Room	Nothing	Poom Object		
It should return the Room object the character object locate at	Nothing	Room Object		
Test getCharacterName(): String				
It should return the name of the character as String	Nothing	Doctor Lucky		
A STIGAR TOTALL BIG HAME OF THE GRANDER AS STILLING	1.00mily	2000. Eddiy		
Test move(room: Room): void				
		Nothing should return, but can check with the getLocation to		
It should move the character to the destinated room	Foyer	show Room object Foyer		
Pass incorrect numbers of parameter(not 1) or				
incorrect types of parameter(not Room) is not allowed	"Foyer" or (empty)	throws IllegalArgumentException		
Test setItemLimit(int newItemLimit): void				
It should change the item limit of a player to certain value	3	The itemLimit of a player should be set to 3		
The input should only be int	"a"	throws IllegalArgumentException		
The input should not be negative	-1	throws IllegalArgumentException		
Test useltem(Gadget item):void				
It should allow a player to use the item they have to update the				
attack damage when call murder. The used item should be removed from player's item list.	Gadget object (Revolver)	The murder damage should become 3, and the revolver should be removed from player list.		
Use an item not in player's itemlist is not prohibited.	Gadget object (Light Saber)	throws IllegalArgumentException		
Wrong type input is prohibited.	"Revolver"	throws IllegalArgumentException		
The state of the s				
Test useHighestItem(): void				
It allows a player(mostly computer player) to use the highest				
murder value item in it's list. The used item should be remove from		The murder demand should be the same of the blob set or red to be a little to be		
player's list. If the player has no item, it will only attack with bare hand.	None	The murder damage should be the same as the highest murder value in item list, and the item with highest murder value should be removed from player list.		
Test canSee(CharacterPlayer player): boolean				
This method to check can two players can see each other or not				
when they are in the same room or rooms are neighbor	CharacterPlayer object (Player2)	TRUE		
If they are not in the same room or rooms are neighbor	CharacterPlayer object (Player2)	FALSE		
If the pet is in the same room as the CharacterPlayer being checked		FALSE		
Wrong type input is prohibited.	"Player2"	throws IllegalArgumentException		
Class Target				
Test Target Constructor				
create a Target object with correct parameters	Target("Doctor Luckly", Piazza, 10)	Target object created		
create a Target object with incorrect parameters	Target("Doctor Luckly", Piazza)	throws IllegalArgumentException		
(wrong types of parameter or wrong numbers of parameters) create a Target object with non-positive hp to start with (hP < 1)	Target("Doctor Luckly", Plazza) Target("Doctor Luckly", Plazza, 0)	throws IllegalArgumentException throws IllegalArgumentException		
crosses a ranger object with non-positive rip to start with (IIF < 1)	.a.gon sour Luony , 1 meeu, 0)	anono mogan agamenta.		
Test getCharacterName(): String				

It should return the name of the Target as Siring (interplication (Live) Frazza, 10)) Test geal.coation(): Room It should return the Room object the Target object locate at (Target) Doctor Luckly, Flazza, 10)) Fast move(soom Room)-yold It should return the Room object the Target object locate at (Target) Doctor Luckly, Flazza, 10)) Fast move(soom Room)-yold It should move the larget to the destinated room Feyer Showing should return, but can check with the getLocation to hove Room object flower	
It should return the Room object the Target object locate at Test move/groom Room)-void It should move the target to the destinated room Pass incorrect numbers of parameterior (1) or incorrect your began the response of parameter (not Room) in void allowed Test getCertificathPoint(): Int Test getCertificathPoint(): Int Test setMealthPoint(): Int Test setMealthPoint(): Int Test setMealthPoint(): Int): void It should are the number as an integer (Intigent Poor Loubly, Plazza, 10)) Test setMealthPoint(): Int): void It should are the supplier to poor sealed amount 20 Test setMealthPoint(): Int): void It should are the supplier to poor sealed amount 20 Test setMealthPoint(): Int): void It should return the number of parameterior (1) or incorrect (1) or incorrect (2) or "20" Test setMealthPoint(): Int): void Test setMealthPoint(): Int): void Test setMealthPoint(): Int): void Test setMealthPoint(): Int): void Test getCharacterInfo(): String It should return the character object locate at the set of the target. Nothing Test getCharacterInfo(): String It should return the character object locate at the character object locate at	
It should return the Room object the Target object locate at I should return, but can check with the getLocation to It should move the target to the destinated room Foyer Show Foom object Food Food Food Food Food Food Food Foo	
It should return the Room object the Target coject locate at Target (Topor Luckly', Piazza, 10)) Test move(poom Room); void It should move the target to the destinated room Poyer Sanceror containers of parametering (1) or incomet bytes of parametering (1) or income (1) or incomet bytes of parametering (1) or income (1) or incomet bytes of parametering (1) or income (1) or in	
It should move the target to the destinated room Pass incorrect numbers of parameter(not 1) or incorrect types of parameter(not 1) or i	
It should nove the target to the destinated room Poser	
incorrect types of parameter(not Room) is not allowed peer or (empty) throws lilegal ArgumentException properly (Target Ethealth Point): int te should return the number as an integer (Target)	
It should return the number as an integer (farget(Choctor Luckly', Piazza, 10)) Test setHealthPoint(hp: int): void It should set the target hip to desired amount 20 nothing will return, but the hip should set to 20, we can check it with getHP Pass incorrect numbers of parameter(not 1) or incorrect hypes of parameter(not 2) or 20° It should return the name of the character of the destinated room Foyer or (empty) Test move(nom: Room): void It should return, but can check with the getLocation to show Room object Foyer Pass incorrect numbers of parameter(not 1) or incorrect hypes of parameter(not Room) is not allowed Foyer or (empty) Test world Constructor Test World Constructor Test World Constructor	
It should return the number as an integer Test setHealthPoint(ftp: int); void Test setHealthPoint(ftp: int); void 15 20 or "20" Trest getCharacterInfo(): String Test getCharacterInfo(): String It should return the character object locate at the should return the number of parameter(not 1) or incorrect types of parameter(not 2) or incorrect types of parameter(no	
It should set the target hy to desired amount 20 nothing will return, but the hy should set to 20, we can check it with getHP 28s incorrect numbers of parameter(not 1) or incorrect types of parameter(not 1) or in thing will return, but the hy should set to 20, we can check it with getHP 28s incorrect numbers of parameter(not 1) or incorrect types of parameter(not 1) or in thing will return, but the hy should set to 20, we can check it with getHP 28s incorrect numbers of parameter(not 1) or incorrect types of parameter(not 2) or incorrect types of parameter(not 3) is not allowed 5.	
Pass incorrect numbers of parameter(not 1) or noormet types of parameter(not int) is not allowed 15, 20 or "20" throws illegalArgumentException Test getCharacterInfo(): String It should return the character info of the target. Nothing Test getLocation(): Room It should return the Room object the character object locate at Nothing Test getCharacterName(): String Test getCharacterName(): String It should return the name of the character as String Nothing Nothing should return, but can check with the getLocation to show Room object Foyer Pass incorrect numbers of parameter(not 1) or incorrect types of parameter(not) 1 or incorrect types of parameter(not) 2 or incorrect types of parameter(not) 3 or incorrect numbers of parameter(not) 4 or incorrect numbers of parameter(not) 5 or i	
incorrect types of parameter(not int) is not allowed 15, 20 or "20" throws illegalArgumentException 6	
It should return the character info of the target. Nothing Target Name: Doctor Lucky Health Points: 50 Current Location: Master Suite Test getLocation(): Room It should return the Room object the character object locate at Nothing Room Object Test getCharacterName(): String It should return the name of the character as String Nothing Doctor Lucky Test move(room: Room): void It should move the character to the destinated room Pass incorrect numbers of parameter(not 1) or incorrect types of parameter(not Room) is not allowed "Foyer" or (empty) Test World Constructor Test World Constructor	
It should return the character info of the target. Nothing Target Name: Doctor Lucky Health Points: 50 Current Location: Master Suite Test getLocation(): Room It should return the Room object the character object locate at Nothing Room Object Test getCharacterName(): String It should return the name of the character as String Nothing Doctor Lucky Test move(room: Room): void It should move the character to the destinated room Pass incorrect numbers of parameter(not 1) or incorrect types of parameter(not Room) is not allowed "Foyer" or (empty) Test World Constructor Test World Constructor	
Test getLocation(): Room It should return the Room object the character object locate at Nothing Room Object Test getCharacterName(): String It should return the name of the character as String Nothing Doctor Lucky Test move(room: Room): void It should move the character to the destinated room Pass incorrect numbers of parameter(not 1) or incorrect types of parameter(not Room) is not allowed Foyer' or (empty) Class World Test World Constructor	
It should return the Room object the character object locate at Nothing Room Object Test getCharacterName(): String It should return the name of the character as String Nothing Doctor Lucky Test move(room: Room): void It should move the character to the destinated room Foyer Nothing should return, but can check with the getLocation to show Room object Foyer Pass incorrect numbers of parameter(not 1) or incorrect types of parameter(not Room) is not allowed Test World Constructor Room Object Nothing Food show Room Object Nothing should return, but can check with the getLocation to show Room object Foyer Throws IllegalArgumentException	
Test getCharacterName(): String It should return the name of the character as String Nothing Doctor Lucky Test move(room: Room): void It should move the character to the destinated room Poyer Assi incorrect numbers of parameter(not 1) or incorrect types of parameter(not Room) is not allowed Test World Constructor Test World Constructor Test World Constructor Test world Test world Test World Constructor Test world Test	
It should return the name of the character as String Nothing Doctor Lucky Test move(room: Room): void It should move the character to the destinated room Foyer Pass incorrect numbers of parameter(not 1) or incorrect types of parameter(not Room) is not allowed Foyer' or (empty) Test World Constructor Doctor Lucky Nothing should return, but can check with the getLocation to show Room object Foyer throws IllegalArgumentException Test World Constructor	
Test move(room: Room): void It should move the character to the destinated room Pass incorrect numbers of parameter(not 1) or incorrect types of parameter(not Room) is not allowed Foyer' or (empty) Class World Test World Constructor Nothing should return, but can check with the getLocation to show Room object Foyer throws IllegalArgumentException	
It should move the character to the destinated room Pass incorrect numbers of parameter(not 1) or incorrect types of parameter(not Room) is not allowed "Foyer" or (empty) Class World Test World Constructor Nothing should return, but can check with the getLocation to show Room object Foyer throws IllegalArgumentException throws IllegalArgumentException Class World Test World Constructor	
It should move the character to the destinated room Pass incorrect numbers of parameter(not 1) or incorrect types of parameter(not Room) is not allowed "Foyer" or (empty) Class World Test World Constructor Test World Constructor	
incorrect types of parameter(not Room) is not allowed "Foyer" or (empty) throws IllegalArgumentException Class World Test World Constructor	
Class World Test World Constructor	
Test World Constructor	
correct input file the valid txt file (mansion.txt) contructor parses	
invalid input file some other type file, or incorrect txt file (mansion.jpg) throws IllegalArgumentException	
invalid input path wrong file path throws FileNotFoundException	
Test getWorldText()	
return our world structure in the txt file as String none, as long the txt file is valid for our constructor return everything inside our txt file as string	
To A will be well as with	
Test getRoomCount() numbers of room in valid txt file is the same as the the number	
after the target in txt file none, as long the txt file is valid for our constructor return the correctly total number of room in the structure (21)	
numbers of room in valid bxt file is the different as the number after the target in bxt file is valid with unmatchable information for our constructor (we have 21 lines of rooms but the number after target is 20) throws IllegalArgumentException	
Test getItemCount()	
after the last room in valid bxt file is the same as the the number after the last room in txt file none, as long the txt file is valid for our constructor return the correctly total number of items in the structure (20)	
numbers of room in valid txt file is the different as the the number after the last room in txt file (we have 20 lines of items but the number after target is 21) The first target is 21 in the state of the different as the the number after target is 21 in throws IllegalArgumentException	
none, as long the txt file is valid for our constructor with incorrect information numbers of room should be greater than 1 (we only have 1 or less room, and the room count is 1 or less) throws IllegalArgumentException	
Test getTarget()	
should return the correct target name and the target should be Doctor Lucky none, as long the txt file is valid for our constructor Doctor Lucky	

	none, as long the txt file is valid for our constructor with incorrect information			
anything for the target except String Doctor Lucky is not allowed	(something like 50 Lucky Doctor)	throws IllegalArgumentException		
Test getWorldText():String				
It should return the current status of the board.	Nothing	World Name: Doctor Lucky's Mansion World Dimensions: 30x36 Number of Rooms: 21 Number of Items: 20		
Test toString(): String				
It should return a short description of the world	Nothing	The board is mansion!		
Total constant (Section Constant Consta				
Test createltem(String name, int location, int murderValue): Item				
It should create an item into the room with the location roomld	"light saber", 0, 100	Iterm object		
Passing wrong type of parameter should throw an exception	"light saber", Room armory, 100	throws IllegalArgumentException		
Test createTarget(String name, Room room, int health): Target				
It should create an target into the room we passed	"Dr Lucky", Room armory, 50	Target Object		
Passing wrong type of parameter should throw an exception	"Dr Lucky", 3, 50	throws IllegalArgumentException		
Test createRoom(String roomName, int roomld,				
int[] coordinates, List <string[]> allRoomData): Room</string[]>				
It should create an room object in the location we designed into the world	armory, 0, [0,1,0,1], List <string[]></string[]>	Room Object		
Passing wrong type of parameter should throw an exception	armory, 0, 0,1,0,1, List <string[]></string[]>	throws IllegalArgumentException		
Test setWorldText(): void It should update the world text since the world is changing	Nothing	Nothing, but the world text should be updated		
it should appeare the world text since the world is changing	Nounity	Nothing, but the world text should be appeared		
Test getRooms(): List <room></room>				
It should return the List of Room object	Nothing	List of room object		
Test getItems(): List <item></item>				
It should return the List of Item object	Nothing	List of Item object		
Test getRoomData(): List <string[]> It should return the all room data we write when we read the</string[]>				
set up file	Nothing	List <string[]></string[]>		
Total and Decomposition Line (Order of De				
Test getRoomData(): List <string[]> It should return the all item data we write when we read the</string[]>				
set up file	Nothing	List <string[]></string[]>		
Test moveTargetToRoom(String roomName): void				
It should move the target object into the room we selected	"Armory"	Nothing, but target object should be putted into room armory		
Passing wrong type of parameter should throw an exception	Room armory	throws IllegalArgumentException		
The room name is not in the room list of the world is created	"Mars"	throws IllegalArgumentException		
Test moveTargetToNextRoom(): void				
it should move the target to the room with next roomld	Nothing	Nothing, but target should move to the next room order		
Test getRoomOccupants(Block room): String				
It should return all occupants character in that room	Armory	Target: Doctor Lucky; Player: player A		
Wrong type of parameter cannot be passed	"Armory"	throws IllegalArgumentException		
Not existed Block object cannot be passed	Block (Mars)	throws IllegalArgumentException		
Test setItemLimit(int newItemLimit): void				
It should update the itemLimit for all player	3	Nothing, but item limit for each player should be updated to 3		
Wrong type of parameter cannot be passed	"A"	throws IllegalArgumentException		
Test displayRoomInfo(String roomName): String				

t should display room detail	"Armory"	Room Name: Armory Room ID: 1 Coordinates: [22, 19, 23, 26] Neighbors: Billiard Room, Dining Hall, Drawing Room Visible From: Billiard Room, Dining Hall, Drawing Room, Library, Master S Items: Revolver Occupants: Target: Doctor Lucky , Player: Human, Player: Computer	Suite, Nursery, Tennessee Room, Trophy Room, Wi	ine Cellar
Vrong type of parameter cannot be passed	Block (Armory)	throws IllegalArgumentException		
The string is not room name cannot be passed	"Bus"	throws IllegalArgumentException		
no caming to not room name cannot so paccou		unono mogan agamone Acoption		
est callCreateRoom(String roomName, int roomId, nt[] coordinates, List <string[]> allRoomData): String</string[]>				
he method should call createRoom method in model.	"Armory", 0, [0,0,1,1], List <string[]> allRoomData</string[]>	Armory created		
Vrong type of parameter cannot be passed	Armory, 0, [0,0,1,1], List <string[]> allRoomData</string[]>	throws IllegalArgumentException		
est callCreateTarget(String name, Block room, nt health): String				
he method should call createTarget method in model.	"Dr. Lucky", Block(Armory), 50	Target created		
Vrong type of parameter cannot be passed	"Dr. Lucky", "Armory", 50	throws IllegalArgumentException		
- 0 9/F - 2- Farancia: 22mm2120 pageod	, , ,			
est callCreateItem(String name, int location, nt murderValue): String				
The method should call createItem method in model.	"Knife", 0, 3	Item created		
Vrong type of parameter cannot be passed	"Knife", "Armory", 3	throws IllegalArgumentException		
rest callCreatePlayer(String playerName, nt startRoomIndex): int				
he method should call createPlayer method in model, and return layerId	"PlayerA", 0	0		
Vrong type of parameter cannot be passed	"PlayerA", Armory	throws IllegalArgumentException		
est getTargetInfo(): String				
should return the target infomation	None	Target is in Armory		
est getPlayerInfo(int playerId): String				
should return Player info with cerrtain playerId	0	Player A, location: Armory, Item: None		
Vrong type of parameter cannot be passed	a	throws IllegalArgumentException		
None exist playerId cannot be passed	999	throws IllegalArgumentException		
est setMaxTurn(int maxTurn): void				
	50	Nothing but morTun will become 50		
t will set the MaxTurn in the world	50 "50"	Nothing, but maxTurn will become 50		
Vrong type of parameter cannot be passed	50	throws IllegalArgumentException		
est getMaxTurn(): int				
t will get the MaxTurn in the world	Nothing	500		
	- J			
est movePlayer(int playerId, int roomId): String				
will call move within player class, and make player move	0, 0	Player with id 0 will try to move to Armory with room id 0		
Vrong type of parameter cannot be passed	"Peter", 0	throws IllegalArgumentException		
lon existing room id and player id should not be allowed	999,-1	throws IllegalArgumentException		
est playerPickUpItem(int playerId, String itemName): String				
t will make player try to pick up certain item in room	0, "Revolver"	Player A picks up Revolver		
Vrong type of parameter cannot be passed	"Eric", "Revolver"	throws IllegalArgumentException		
	-1, "Revolver"	throws IllegalArgumentException		
lon existing player id should not be allowed				
Non existing player id should not be allowed tem not in the room is not allowed	-1, "Light Saber"	throws IllegalArgumentException		

It call LookAround method in player class 0		Start Looking Around Computer player: You are in Room Armory. Current Room ID: 1 Current Room Name: Armory Current Room Items: None Neighboring and Visible Rooms: Room ID: 2, Room Name: Billiard Room, Items: Billiard Cue Room ID: 4, Room Name: Dining Hall, Items: None Room ID: 5, Room Name: Drawing Room, Items: None Other Visible Rooms:		
It call LookAround method in player class 0 Wrong type of parameter cannot be passed "Eri		Room ID: 11, Room Name: Library, Items: None Room ID: 13, Room Name: Master Suite, Items: Shoe Horn Room ID: 14, Room Name: Nursery, Items: Bad Cream Room ID: 18, Room Name: Tennessee Room, Items: None Room ID: 19, Room Name: Trophy Room, Items: Duck Decoy, Monkey Hand Room ID: 20, Room Name: Wine Cellar, Items: Rat Poison, Piece of Rope throws IllegalArgumentException		
Non existing player id should not be allowed 999		throws IllegalArgumentException		
Non existing player in should not be allowed	50	unows meganargument		
Test getRoomItems(int roomId): List <string></string>				
It return all items with list of string in the certain room with id 0		["Revolver"]		
-		throws IllegalArgumentException		
Non existing room id should not be allowed 999		throws IllegalArgumentException		
3		5 5		
Test getPlayerRoomld(int playerId): int		0		
It will return the room id of player's current location 0		throws IllegalArgumentException		
Wrong type of parameter cannot be passed "Eri		throws IllegalArgumentException		
Non existing player id should not be allowed 999				
Test getNeighborRooms(int roomld): List <integer></integer>				
It will return list of int with neighbors room id of selected room 0		[2,4,5]		
Wrong type of parameter cannot be passed "Are	Armory"	throws IllegalArgumentException		
Non existing room id should not be allowed 999	99	throws IllegalArgumentException		
Test getPetInfo(): String				
It should return a string about pet location Nor	one	Pet: Cat, Location: Armory		
Test movePet(int playerId, int roomId): boolean				
The method should move the pet within the same room of player into the other room. If it is success, return True. 0,0	0	TRUE		
	"Armory"	throws IllegalArgumentException		
	99, 999	throws IllegalArgumentException		
Non existing player id or room id should not be passed	99, 999	unows megal/argumentexception		
Test murderAttempt(int playerId): String				
This method should call murder method in player class to murder				
target. It murder success, return success. Also the game should end				
when the target health drop equal or less than 0 0		Murder Successfuly		
When the murder can be seen by other player, it should fail 0		Murder Failed		
When the pet is in the same room as the target, it should fail 0		Murder Failed		
Wrong type input is prohibited 0 Non existing player id should not be passed 999		throws IllegalArgumentException		
Non existing player id should not be passed 999	25	throws IllegalArgumentException		
target				
Class Pet				
Test Pet Constructor				
	et("Cat", Piazza)	Pet object created		
create a Pet object with incorrect parameters	et("Cat", Piazza)	throws IllegalArgumentException		
Test getCharacterInfo(): String				
It should return the character info of the pet.	othing	Pet Name: Cat Current Location: Master Suite		
Test getLocation(): Room				
- "	othing	Room Object		

Test getCharacterName(): String			
It should return the name of the character as String	Nothing	Cat	
it official rotal ratio frame of the ortal dots as carried	Trouming .		
Test move(room: Room): void			
	_	Nothing should return, but can check with the getLocation to	
It should move the character to the destinated room Pass incorrect numbers of parameter(not 1) or	Foyer	show Room object Foyer	
incorrect types of parameter(not Room) is not allowed	"Foyer" or (empty)	throws IllegalArgumentException	
Controller Part			
All Player Actions are method in playGame(WorldOutline mode):void			
PlayerInfo Method			
Test PlayerInfo(int playerId)			
The command should call displayPlayerInfo method in the	Disconducto (educação)	The inferred place of about the displaced of the county of the d	
model end. Having a non exist player id in the field should not allowed	Playerinfo(playerid = 1) Playerinfo(playerid = 1)	The info of player 1 should be displayed after excute run() method throws IllegalArgumentException	
Having a wrong type parameter should not allowed	Playerino(playerid = "1")	throws IllegalArgumentException	
Roominfo Method			
Test RoomInfo(int playerId)			
The command should call displayRoomInfo method in the model end.	RoomInfo(playerId = 1)	The info of room where the player 1 stays at should be displayed after excute run() method	
Having a non exist player id in the field should not allowed	RoomInfo(playerId = 999)	throws IllegalArgumentException	
Having a wrong type parameter should not allowed	RoomInfo(playerId = "1")	throws IllegalArgumentException	
Move Method			
Test			
setupGame(WorldOutline world): void runGame(WorldOutline world): void playGame(WorldOutline world): void			
Those method should make the controller end running the game	world model	Should return a string about game running status	
Passing incorrect model should not allowed	null	throws IllegalArgumentException	
Test Move(int playerld, String itemName) The command should call move method in the model end.	Move(playerId = 1, roomName = "Dining Hall")	The player 1 should move to Dining Hall after excute run() method	
Having non exist player id or non exist room name in the field	wiove(playerid = 1, roominame = Dining Hair)	The player 1 should move to bining than after excute full() method	
should not allowed	Move(playerId = 999, roomName = "Earth")	throws IllegalArgumentException	
Having a wrong type parameter should not allowed	Move(playerId = "1", roomName = "Dining Hall")	throws IllegalArgumentException	
Pick Method			
Test Pick(int playerld, String itemName)			
The command should call pick method in the model end.	Pick(playerId = 1, itemName = "Revolver")	The item resolver should be picked up for player 1 after excute run() method	
Having non exist player id or non exist item name in the field			
should not allowed	Pick(playerId = 999, itemName = "Saber")	throws IllegalArgumentException	
Having a wrong type parameter should not allowed	Pick(playerId = "1", roomName = "Dining Hall")	throws IllegalArgumentException	
Test createGraph (World): String			
It should create the graph of current world and save it as png	world model	Should return a string says "Current graph is created".	
Passing incorrect model should not allowed	null	throws IllegalArgumentException	
CreatePlayer Method			
Test CreatePlayer(int playerId, String roomName, String: playerName)			
The command should call createPlayer method in the model end.	CreatePlayer(1, "Dining Hall", "Luke")	The player name Liuke should be created in Dining Hall after excute run() method	
Having non exist player id or non exist room name in the field	Creete Player/000 #Dining Hell!! # -11-#\	through Illored Argument Eugentien	
should not allowed Passing incorrect model should not allowed	CreatePlayer(999, "Dining Hall", "Luke") CreatePlayer(1, Room diningHall, "Luke")	throws IllegalArgumentException throws IllegalArgumentException	
	2.222. Myor(1, 100m anning lan, Land)	anono mogan agamontenoopaon	
LookAround Method			
Test LookAround (int playerld)			
The command should call lookAround method in the model end.	LookAround(1)	The player 1 should get nearby info after excute run() method	

Having non exist player id in the field should not allowed	LookAround(999)	throws IllegalArgumentException		
Passing incorrect model should not allowed	LookAround("1")	throws IllegalArgumentException		
murderAttempt Method				
Test murder (int playerId, String itemName)				
The command should call muderAttempt method in the model end.	murderAttempt(1, "Revolver")	The player 1 should attack target with weapon revolver after excute run() method		
Having non exist player id or non exist room name in the field should not allowed	murderAttempt(-1, "Revolver")	throws IllegalArgumentException		
Passing incorrect model should not allowed	murderAttempt(1, Item revolver)	throws IllegalArgumentException		
Test getTargetInfo() It should call getTargetInfo in model end, and the same string				
should be printed out in command	None	None on controller end, but the string from model end should be returned and printed.		
Test movePet(): void				
It should call movePet in model end, and the same string should be printed out in command	None	None on controller end, but the string from model end should be returned and printed.		
View Test	The tests for view are not belong to any apositic classes			
Test computer player work properly	The tests for view are not belong to any specific classes.			
When the game has computer player, that computer player can				
work just like a regular player.	Have one or more computer player in game.	The game should display computer player's action properly.		
Test player infomation should display properly when click icon				
When clicking player on the game board, the player's information		Selected's player information should be display, the result should including name,		
should be display	click on correct postion	location, item of this selected player.		
Player information should not be shown on click wrong location	click on incorrect postion (not player icon)	Nothing about player information should be shown.		
Test move to other room should work correctly by clicking neighbor room				
When clicking a neibouring space from a player, the player should	Note that the second se	the standard and the st		
move to that room. When clicking a non neibouring space from a player, nothing should	click on correct postion	that's player should move to the clicked room .		
happen. Moving into non neighbouring room is not allowed	click on incorrect postion(not neighbouring room)	nothing should happen, display an illegal movement message.		
Test picking up item by pressing key				
When player select to pick up item on his turn, he should be able to				
pick up item by the "P" key on the keyboard to perform this action. Then, the player can enter number to pick up the item with the				
instruction.	press the "P" on the keyboard	the player should start picking up item.		
When player hit any other key, other matching method may happen, or nothing happen when the pressed key is not binding with any				
other actions.	press any key except "P" key.	nothing, or some other action except picking up may happen.		
Test looking around by pressing key				
When player decide to lock around on his turn, he should be able to				
look around by the "P" key on the keyboard to perform this action. The look around information should be shown after.	press the "L" on the keyboard	the player should start looking around.		
When player hit any other key, other matching method may happen,		. ,		
or nothing happen when the pressed key is not binding with any other actions.	press any key except "L" key.	nothing, or some other action except looking around may happen.		
	Francisco State Control	U		
Test attack target by pressing key				
When player decide to attack on his turn, he should be able to attack by the "A" key on the keyboard to perform this action. Then				
the player should perform attack.	press the "A" on the keyboard	the player should start attacking		
When player hit any other key, other matching method may happen, or nothing happen when the pressed key is not binding with any other actions.	press any key except "A" key.	nothing, or some other action except attack may happen.		
When player hit "A" key, but the player is not in the same room with target. It should display an error message.	press the "A" on the keyboard, but the player is not in the same room as target.	nothing should happen, display an illegal action message.		
Test move pet by pressing key				
When player decide to move pet on his turn, he should be able to				
attack by the "M" key on the keyboard to perform this action. Then the player should perform move pet.	press the "M" on the keyboard	the player should start moving pet		

When player hit any other key, other matching method may happen, or nothing happen when the pressed key is not binding with any other actions.	press any key except "M" key.	nothing, or some other action except move pet may happen.		
When player hit "M" key, but the player is not in the same room with pet. It should display an error message.	press the "M" on the keyboard, but the player is not in the same room as pet.	nothing should happen, display an illegal action message.		
Test game end				
When the game end with max turn reach, the information about game end with max turn reach should be displayed.	The game end with max turn reaches	the message about the game over and the reason why game over should be displayed.		
When the game end with target eliminated, the information about game end with the winner should be displayed.	The game end with target's death.	the message about the game over and the reason why game over should be displayed, and the game should also annouce the winner.		