

## **case 1 :**

**Primary:** user.

**Pre:** system is running, and user has permission to access settings of the system.

**Des:** the user shall be able to modify dimensions of the room.

### **Acceptance :**

1- system shall show a tool bar for modifying a room dimensions.

2- user shall preview all changes that made and given option to saved or discard it.

**Open Issue :** the system may save the changes of room dimensions temporary as long as the system is running, and lost all changes if it's off, because there's no like linking between change and who is made.

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## **case 2 :**

**Primary:** user.

**Pre:** system is running, and user has permission to access settings of the system.

**Des:** the user shall be able to modify window and doors of the room.

### **Acceptance :**

1- system shall show the option of selection either window or door.

2- user shall be able to select the available option by entering: location of item, and dimensions of item.

3- user shall be able to add multi-items and add it to the room by following step 2.

4- user shall be able to remove any added items.

**Open Issue :** the system has no limit of added items, that's may cause a problem with room dimensions and number of added items.

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### **case 3 :**

**Primary:** user.

**Pre:** system is running. and user has permission to access settings of the system.

**Des:** the user shall be able to modify security sensors of the room.

**Acceptance :**

- 1- user shall be able to choose the location of security sensor and add it, and he has option to add the sensor to door/window location as plugin.
- 2- user shall be able to add multi security sensor
- 3- user shall be able to remove any added security sensor.

**Open Issue :** the system may not know if the sensor added to door/window location or without, so in case of removing door/window would not remove the sensor as well .

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### **case 4 :**

**Primary:** user.

**Pre:** system is running. and user has permission to access settings of the system.

**Des:** the user shall be able to save and load project.

**Acceptance :**

- 1- user shall be able to save any changes that made to room.
- 2- user shall be able to load any saved changes.

**Open Issue :** the system may face a problem with storage capacity, so if it's full may the user will face a problem with saving.

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## **case 5 :**

**Primary:** user.

**Pre:** system is running. and user has permission to access settings of the system.

**Des:** the user shall be able to upgrade default placeholder objects.

**Acceptance :** 1- user shall be able to access the store of objects.

2- user shall be able to search/filter objects by categories.

3- user shall be able to download the object.

4- user shall be able to modify default object by downloading a new object.

**Open Issue :** a user has no internet access to preview published objects.

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## **case 6 :**

**Primary:** user.

**Pre:** system is running. and user has permission to access settings of the system.

**Des:** the user shall be able to modifying the default type of surfaces/flooring.

**Acceptance :**

- 1- user shall be able to choose the surface want to change it.
- 2- system shall show various types related to selected item.
- 3- user shall be able to select one of the options and update the item based on selected option.
- 4- user shall be able to reset item to default type and discard any changes that made.

**Open Issue :** the system still not support option of add a new various that may not listed in available various and user needs to add it.