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| Nombre o identificador | R01- Generate a list of available mini rooms | | |
| Resumen | The program should be able to generate a list of the non-occupied mini rooms by presenting some of the most important data of the room. | | |
| Entradas | Nombre entrada | Tipo de dato | Condición de selección o repetición |
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| Actividades generales necesarias para obtener los resultados | Chose the option in the option menu. | | |
| Resultado o postcondición | String with the avaliable minirooms and their most important aspects. | | |
| Salidas | Nombre entrada | Tipo de dato | Condición de selección o repetición |
| msg | String | Will be repeated as long as there are more available rooms. |

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| Nombre o identificador | R02- Rente a mini room | | |
| Resumen | The program will be able to register a new rent with its respective date , enterprise, rent value, and in some cases the register number | | |
| Entradas | Nombre entrada | Tipo de dato | Condición de selección o repetición |
| roomNum | Int | If it doesn’t exist or is already rented will ask again |
|  | project | Int | Will repeat while the selected value is different from 1 or 2 |
|  | name (enterprise) | String | As long as the rent is selected to not being a project |
|  | nit (entreprise) | String | As long as the rent is selected to not being a project |
|  | rentDay | Int | Wil ask until the value is between 1 and 31 |
|  | rentMonth | Int | Will ask until the value is between 1 and 12 |
|  | rentYear | Int | Will ask until the value is between 2020-2025 |
|  | serverAmount | Int |  |
|  | cacheMemoryAmountGB | Int | Will repeat the amount of times of the server amount |
|  | processorAmount | Int | Will repeat the amount of times of the server amount |
|  | discAmount | int | Will repeat the amount of times of the server amount |
|  | discCapacityTB | int | Will repeat the amount of times of the server amount |
| Actividades generales necesarias para obtener los resultados | 1. Select the option 2. Select the desired room 3. Select if its a project or no 4. If it isn’t a project insert the enterprise values 5. Select the amount of servers 6. Fill each of the servers | | |
| Resultado o postcondición | Objects(Enterprise, server, rentData) created | | |
| Salidas | Nombre entrada | Tipo de dato | Condición de selección o repetición |
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| Nombre o identificador | R-03 Cancel rent | | |
| Resumen | The program Will have the capability to cancel the rent and erase the enterprise, rent, and server data | | |
| Entradas | Nombre entrada | Tipo de dato | Condición de selección o repetición |
| Opt | Int |  |
|  | roomNum | Int | As long as the opt==1 |
| Actividades generales necesarias para obtener los resultados | 1. Select the option 2. Chose wether canceling just one room’s rent or all of them. 3. If the option is 1 then insert the room number | | |
| Resultado o postcondición | Rents cancelled with the objects set to null and a message of successfully canceled rents | | |
| Salidas | Nombre entrada | Tipo de dato | Condición de selección o repetición |
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| Nombre o identificador | R-04 Display datacenter on/off map | | |
| Resumen | The program Will be able to recreate the datacenter map by putting “of” if the miniroom isn’t rented and “on” if it is | | |
| Entradas | Nombre entrada | Tipo de dato | Condición de selección o repetición |
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| Actividades generales necesarias para obtener los resultados | 1. Select the option in the menu | | |
| Resultado o postcondición | An String with the datacenter map | | |
| Salidas | Nombre entrada | Tipo de dato | Condición de selección o repetición |
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| Nombre o identificador | R05- Simulate the turned on of all of the minirooms | | |
| Resumen | The program Will be able to create the datacenter map with all of the mini rooms turned on | | |
| Entradas | Nombre entrada | Tipo de dato | Condición de selección o repetición |
|  |  |  |
| Actividades generales necesarias para obtener los resultados | 1. Select the option on the option menu | | |
| Resultado o postcondición | An String with the map and all of the turned on rooms. | | |
| Salidas | Nombre entrada | Tipo de dato | Condición de selección o repetición |
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| Nombre o identificador | R06 Turn off minirooms depending on inserted letter | | |
| Resumen | The program Will be able to Turn off minirooms depending on the inserted letter | | |
| Entradas | Nombre entrada | Tipo de dato | Condición de selección o repetición |
| Letter | char | Will be repeated if the inserted letter is not one of the permitted ones. |
|  | Column | int | Will be asked as long as the slection is one of the ones that requiere to specify a column/corridor |
| Actividades generales necesarias para obtener los resultados | 1. Select the option in the option mnu 2. Insert the letter for the action you want to do 3. Insert the value of the column/corridor depending on the letter you chose | | |
| Resultado o postcondición | String with the dataCenter map and the turned off minirooms depending on the selection. | | |
| Salidas | Nombre entrada | Tipo de dato | Condición de selección o repetición |
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