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| Requirement | Methods | In charge |
| 1. generate a list of rooms | printRoomsInformation | Main |
| getRoomList | DataCenter |
|  |  |
| 2. Rent a room | rentARoom | Main |
| rentARoom | DataCenter |
| createACompany | DataCenter |
| addAProject | DataCenter |
| calculateValue | DataCenter |
| getNumber | MiniRoom |
| setRentedRooms | MiniRoom |
| setReserved | MiniRoom |
| setRack | MiniRoom |
| setState | MiniRoom |
| setValue | MiniRoom |
| rackInformation | Main |
| addServers | Main |
| addServers | DataCenter |
| addAServer | MiniRoom |
| 3. Free a room or all rooms in a company | freeRoom | Main |
| companiesList | DataCenter |
| getReservedRooms | DataCenter |
| freeARoom | DataCenter |
| deleteACompany | DataCenter |
| thereIsAProject | DataCenter |
| deleteAproject | DataCenter |
| thereIsACompany | DataCenter |
| getNumber | MiniRoom |
| getRack | MiniRoom |
| getRam | Server |
| getNumDisks | Server |
| getDisksCapacity | Server |
| 4.print map of data center | dataCenterMap | Main |
| dataCenterMap | DataCenter |
| getState | Server |
| 5.Turn on | turnOn | Main |
| turnOn | DataCenter |
| setState | DataCenter |
| getState | Server |
| dataCenterMap | DataCenter |
| 6.Turn off | turnOff | Main |
| turnOff | DataCenter |
| getWindow | MiniRoom |
| getState | Server |
| setState | Server |
| dataCenterMap | DataCenter |

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| General | |
| Methods | In charge |
| menu | Main |