**Lab Assignment: 10**

**Object:** To draw the ***Sequence Diagram*** for ***Hotel Management.***

**Introduction:**

Sequence diagrams, commonly used by developers, model the interactions between objects in a single use case. They illustrate how the different parts of a system interact with each other to carry out a function, and the order in which the interactions occur when a particular use case is executed.

It-

* Describes the flow of messages, events, actions between objects.
* Shows time sequences that are not easily depicted in other diagrams.
* Is typically used during analysis and design to document and understand the logical flow of your system.

**Sequence Diagram Key Parts**:

|  |  |
| --- | --- |
| **Participant** | Object or entity that acts in the diagram. |
| **Message** | Communication between participant objects. |
| **Axes** | * Horizontal: which object/participant is acting * Vertical: time (down -> forward in time) |

*An example of Sequence diagram (****make a phone call****):*