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Prn no : 22010826   **Batch : TY IT B1**

ITW Assign 4
Topic : Hotel search website

Aim:

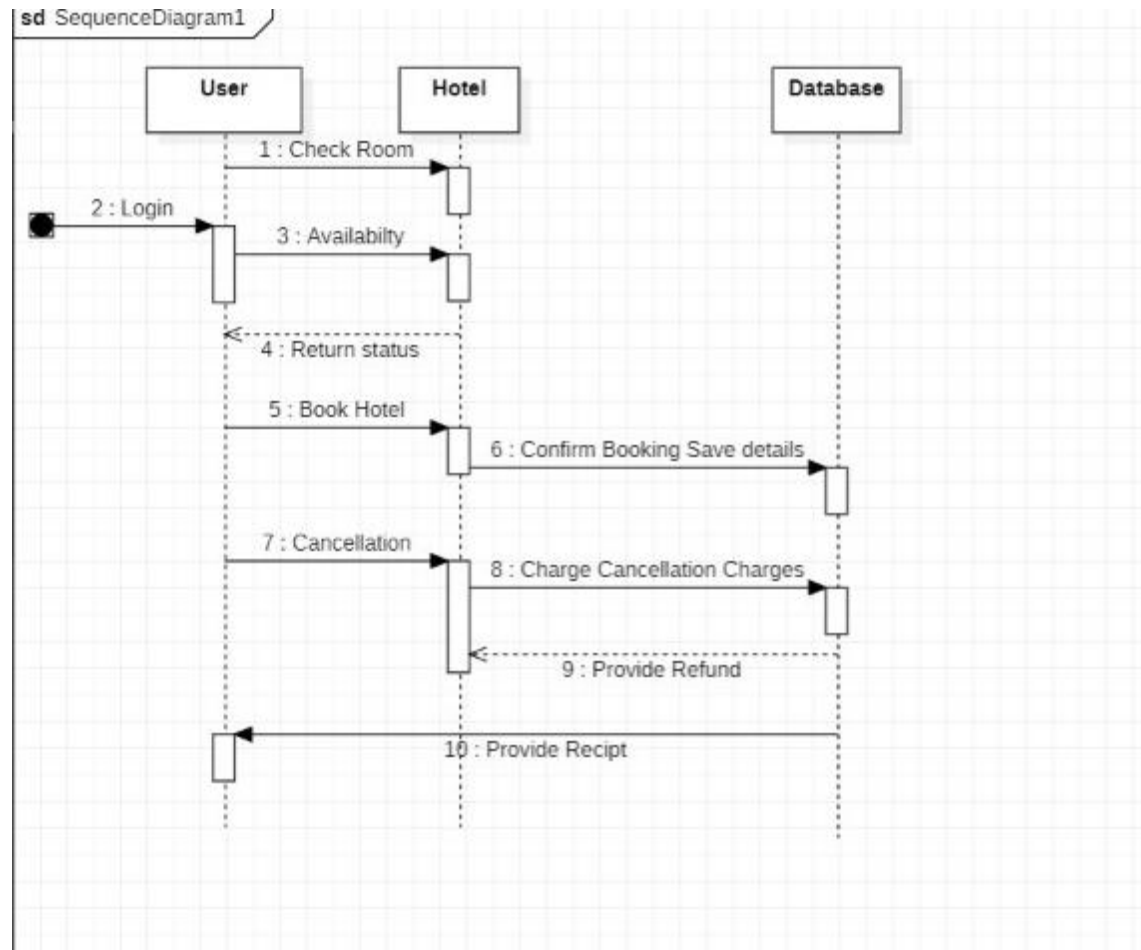Draw a Sequence Diagram for every scenario by using advanced notations using UML2.0

Objective:

To Implement Sequence Diagram for every scenario by using advanced notations using UML2.0

Theory:

The sequence diagram is used primarily to show the interactions between objects in the sequential order that those interactions occur. Much like the class diagram, developers typically think sequence diagrams were meant exclusively for them. However, an organization's business staff can find sequence diagrams useful to communicate how the business currently works by showing how various business objects interact. Besides documenting an organization's current affairs, a business-level sequence diagram can be used as a requirements document to communicate requirements for a future system implementation. During the requirements phase of a project, analysts can take use cases to the next level by providing a more formal level of refinement. When that occurs, use cases are often refined into one or more sequence diagrams.

Sequence Diagram:

sd SequenceDiagram1

| User | Hotel | Database |

1 : Check Room

2 : Login

3 : Availabilty

4 : Return status

5 : Book Hotel

6 : Confirm Booking Save details

7 : Cancellation

8 : Charge Cancellation Charges

9 : Provide Refund

10 : Provide Recipt

Conclusion:

Designed Sequence Diagram for every scenario by using advanced notations using UML2.0.