

Activity Diagram for Hotel Room Booking

The UML activity diagram shows how the different parts of a system for booking hotel rooms work together. It is one way to keep track of what the system does and how it changes.

Also, the activity diagram uses symbols to show how the hotel management system works as a whole. It is made up of actions, choices, and paths (flows).

Hotel Room Booking Activity Diagram: Details

Name:	Hotel Room Booking System Activity Diagram
UML Diagram:	Activity Diagram
Users:	Hotel Admin, Customers, and Employees.
Tools Used:	Online tools that provide activity diagram symbols.
Designer:	ITSourceCode.com

Hotel Room Booking Activity Diagram – Details

What is Online Hotel Room Booking System?

The online hotel room booking system is software that makes it easy for customers to book a room online. Hotels use it, so they don't have to pay a third party to handle transactions. This also helps them give their customers the best service possible.

The software for the online hotel room booking system makes it easy for people to book a room online. Hotels use it so that they don't have to pay a third party to handle transactions. This also helps them give the best service they can to their clients.

Define Hotel Room Booking System Activity Diagram

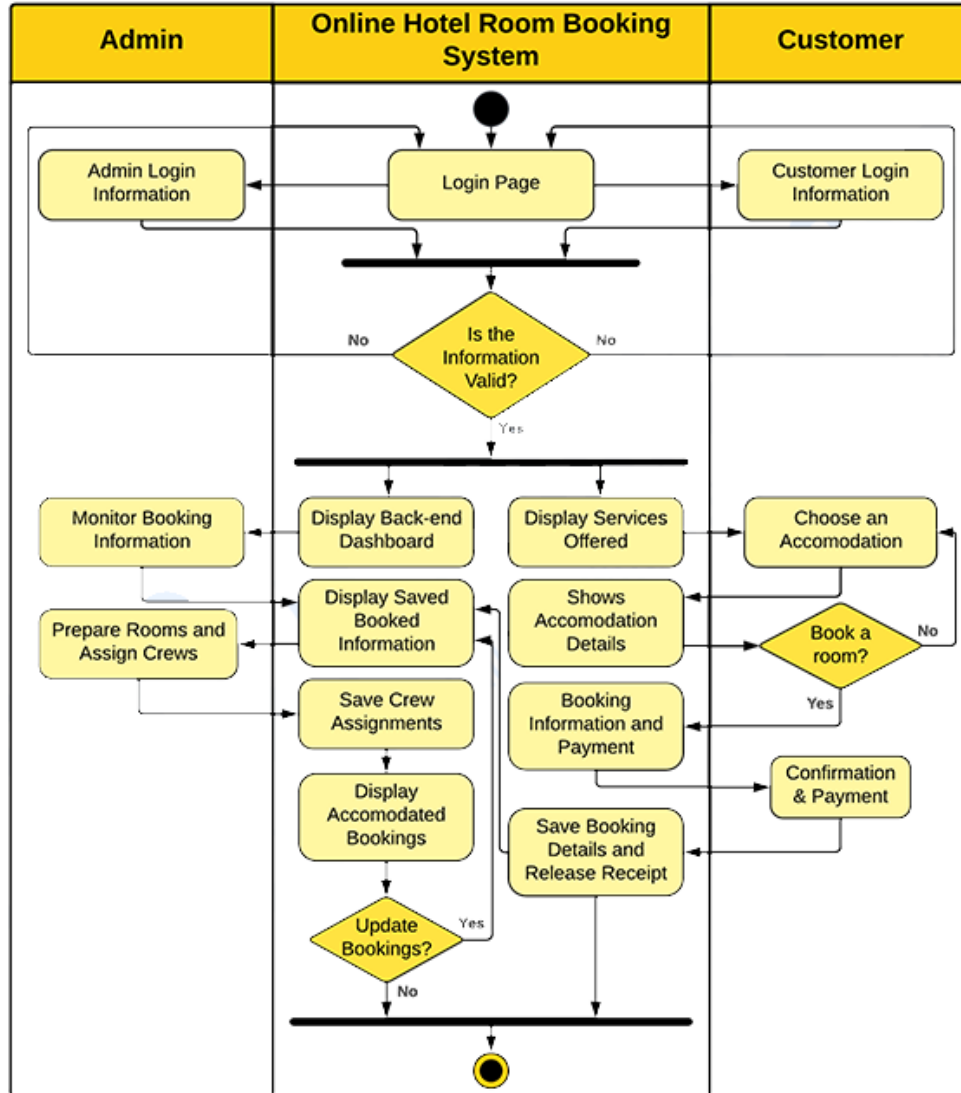
UML defines a **hotel room booking system activity diagram** as a very effective behavior diagram. This diagram shows the flow of interaction between the system and clients. This is done by helping them visualize the system's functionality in various degrees of detail.

The activity diagram in UML describes the processes in a use case diagram. Its' illustration can also be sequential or concurrent. It is one of the Online Hotel Room Booking System UML diagrams.

Hotel Room Booking System Activity Diagram

The idea of the hotel management system is expanded by the activity diagram example. It is shown in detail in the picture to help the programmers understand.

ONLINE HOTEL ROOM BOOKING SYSTEM



ACTIVITY DIAGRAM

ONLINE HOTEL ROOM BOOKING SYSTEM ACTIVITY DIAGRAM

We used the swim lane with three walls, as shown in the picture. The admin lane is shown on the left side of the diagram. This lane covers all the things an admin can do and what they can do with the system.

The customer's lane is located on the right partition. This lane illustrates the breadth and activity of the customer.

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To access the system, the users must have their accounts logged into the software. The functions were then emphasized as the activities flowed and the system and the user communicated.

You may add to this, and how you design your activity diagram is up to you. However, ensure that you have accurate information and include the key choices (actions).

How to Draw an Activity Diagram?

Time needed: 1 minute.

Here are the steps in developing (designing) the **activity diagram**.

- **Step 1: Familiarize Activity Diagram Symbols**

To draw an activity diagram, you need to familiarize yourself first with the symbols used. The symbols let you discuss the system's flow of activities and interaction.

- **Step 2: Identify the flow of actions.**

After familiarizing the symbols used, you will need to identify the flow of actions. The flow of actions would be based on your use case diagram.

Actions describe the series of activities when a user invokes the hotel room booking.

- **Step 3: Involve the Actors (users) included.**

Actors carry out their actions on things, transforming them into other objects or changing their state. This actor is someone or something that interacts with the system.

- **Step 4: Map the flow of activities.**

To make a flow or path for activities, make sure you know that the flows can be sequential, branching, or run.

Conclusion:

In conclusion, we have discovered what an activity diagram for a hotel management system is, as well as the stages involving room bookings. This graphic represents one of the hotel management system's methods for establishing a room reservation.

Therefore, adopting an activity diagram in UML will allow you to not only comprehend the project but also identify its advantages. This diagram works optimally with other UML Diagrams.