

User Manual

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Trainee Assignment

Introduction	3
Landing page	4
Search Hotel	5
Managing hotels	6
Adding a hotel	6
Updating a hotel	9
Deleting a Hotel	12
Managing room types of a hotel	14
Adding a room type	15
Updating a room type	18
Deleting a room type	20
Searching for a booking	22

Introduction

The system helps to save the hotels and the rooms that belong to the hotel to a database and help the agents search for the requirements given by a customer.

Landing page

ST Agency

[Hotel](#) [Booking](#)

Q

Search by hotel name

Add Hotel

ID	NAME	FROM	TO	PERCENTAGE			
1	French Hotel	2022-11-25	2022-11-30	15	Update	Delete	More Details
3	Shangrila Hotel	2022-11-25	2022-12-31	15	Update	Delete	More Details
5	Avani Resort	2022-11-22	2023-12-31	15	Update	Delete	More Details
7	Queens Hotel	2022-11-23	2023-11-23	15	Update	Delete	More Details
8	Trace Hotel	2022-11-23	2023-11-23	15	Update	Delete	More Details

« Previous

1

Next »

Search Hotel

The hotels can be searched by name using the search bar available in the page

1. Click on the search bar

ST Agency[Hotel](#)[Booking](#)

ID	NAME	FROM	TO	PERCENTAGE			
1	French Hotel	2022-11-25	2022-11-30	15	<input type="button" value="Update"/>	<input type="button" value="Delete"/>	<input type="button" value="More Details"/>
3	Shangrila Hotel	2022-11-25	2022-12-31	15	<input type="button" value="Update"/>	<input type="button" value="Delete"/>	<input type="button" value="More Details"/>
5	Avani Resort	2022-11-22	2023-12-31	15	<input type="button" value="Update"/>	<input type="button" value="Delete"/>	<input type="button" value="More Details"/>
7	Queens Hotel	2022-11-23	2023-11-23	15	<input type="button" value="Update"/>	<input type="button" value="Delete"/>	<input type="button" value="More Details"/>
8	Trace Hotel	2022-11-23	2023-11-23	15	<input type="button" value="Update"/>	<input type="button" value="Delete"/>	<input type="button" value="More Details"/>

« Previous **1** Next »

2. Search for the hotel with the characters of the hotel name. For example if we type “f”, the French Hotel should only be seen as no other hotel name has the character “f” in it. (lowercase or uppercase won’t matter)

ST Agency[Hotel](#)[Booking](#)

ID	NAME	FROM	TO	PERCENTAGE			
1	French Hotel	2022-11-25	2022-11-30	15	<input type="button" value="Update"/>	<input type="button" value="Delete"/>	<input type="button" value="More Details"/>

« Previous **1** Next »

Managing hotels

Adding a hotel

A new hotel can be added to the system

1.Click on the “Add Hotel” button available on the page.

ST Agency[Hotel](#)[Booking](#)

[Add Hotel](#)

ID	NAME	FROM	TO	PERCENTAGE			
1	French Hotel	2022-11-25	2022-11-30	15	Update	Delete	More Details
3	Shangrila Hotel	2022-11-25	2022-12-31	15	Update	Delete	More Details
5	Avani Resort	2022-11-22	2023-12-31	15	Update	Delete	More Details
7	Queens Hotel	2022-11-23	2023-11-23	15	Update	Delete	More Details
8	Trace Hotel	2022-11-23	2023-11-23	15	Update	Delete	More Details

« Previous **1** Next »

2.The popup will be shown with field with default values and if you leave any field empty and click on the “Add Hotel” button in the popup, the hotel won’t be added and the error messages will be shown.

4.The added hotel will be displayed in the hotel list table on the page. The “Sea Hotel” which we added will be displayed as a record of the table with options to update, delete.

ST Agency

[Hotel](#) [Booking](#)

Q

Search by hotel name

Add Hotel

ID	NAME	FROM	TO	PERCENTAGE			
1	French Hotel	2022-11-25	2022-11-30	15	Update	Delete	More Details
3	Shangrila Hotel	2022-11-25	2022-12-31	15	Update	Delete	More Details
5	Avani Resort	2022-11-22	2023-12-31	15	Update	Delete	More Details
7	Queens Hotel	2022-11-23	2023-11-23	15	Update	Delete	More Details
8	Trace Hotel	2022-11-23	2023-11-23	15	Update	Delete	More Details
10	Sea Hotel	2022-11-23	2023-11-23	15	Update	Delete	More Details

« Previous

1

Next »

Updating a hotel

The rate percentage and the end date of a hotel can be updated.

1. Click on the “Update” button in the table record of a particular hotel. In our case let's go with “Sea Hotel”. The popup will be displayed with the current details of the hotel. Note that the hotel name and contract start date of the hotel cannot be changed.

The screenshot displays the 'ST Agency' web application interface. At the top, there's a navigation bar with 'Hotel' and 'Booking' links. Below this is a search bar labeled 'Search by hotel name' and an 'Add Hotel' button. A table lists hotel records with columns: ID, NAME, FROM, TO, PERCENTAGE, and action buttons (Update, Delete, More Details). The 'Sea Hotel' (ID 11) is highlighted with a blue 'Update' button.

Below the table, a modal titled 'Update Hotel' is open, showing the current details for 'Sea Hotel':

- Hotel Name:** Sea Hotel (This field cannot be changed)
- Contract Start Date:** 11/23/2022 (This field cannot be changed)
- Contract End Date:** 11/23/2023
- Rate Percentage:** 15

At the bottom of the modal are 'Update Hotel' and 'Cancel' buttons. The background table shows the following data:

ID	NAME	FROM	TO	PERCENTAGE	Update	Delete	More Details
1	French Hotel	2022-11-25	2022-11-30	15	Update	Delete	More Details
3	Shangrila Hotel	2022-11-25	2022-12-31	15	Update	Delete	More Details
5	Avani Resort	2022-11-22	2023-12-31	15	Update	Delete	More Details
7	Queens Hotel	2022-11-23	2023-11-23	15	Update	Delete	More Details
8	Trace Hotel	2022-11-23	2023-11-23	15	Update	Delete	More Details
11	Sea Hotel	2022-11-23	2023-11-23	15	Update	Delete	More Details

2.If you leave any of the fields empty or leave invalid data and click on the “Update Hotel” button, the hotel won't be updated and errors will be shown.

Note that the validations in place are

- Fields can't be empty and hotel name must be unique.
- Contract End Date must be greater than the contract start date
- Rate percentage must be between 0 and 100

ST Agency Hotel Booking

Search by hotel name

Update Hotel

Sea Hotel
This field cannot be changed

Contract Start Date
11/23/2022
This field cannot be changed

Contract End Date
11/23/2023

Rate Percentage
Percentage Field cannot be empty

Update Hotel Cancel

ID	NAME
1	French
3	Shang
5	Avan
7	Quee
8	Trace
10	Sea H

« Previous 1 Next »

Add Hotel More Details More Details More Details More Details More Details

3.Fill with valid data and click on the “Update Hotel” button, the success message will be shown.

ST Agency Hotel Booking

Search by hotel name

Add Hotel

Update Hotel

Sea Hotel
This field cannot be changed

Contract Start Date
11/23/2022
This field cannot be changed

Contract End Date
11/23/2023

Rate Percentage
14

Update Hotel Cancel

Hotel Updated Successfully

ID	NAME	FROM	TO	PERCENTAGE
1	French Hotel	2022-11-25	2022-11-30	15
3	Shangrila Hotel	2022-11-25	2022-12-31	15
5	Avani Resort	2022-11-22	2023-12-31	15
7	Queens Hotel	2022-11-23	2023-11-23	15
8	Trace Hotel	2022-11-23	2023-11-23	15
10	Sea Hotel	2022-11-23	2023-11-23	14

« Previous 1 Next »

4.The updated details of the sea hotel can be seen.

ST Agency Hotel Booking

Search by hotel name

Add Hotel

ID	NAME	FROM	TO	PERCENTAGE
1	French Hotel	2022-11-25	2022-11-30	15
3	Shangrila Hotel	2022-11-25	2022-12-31	15
5	Avani Resort	2022-11-22	2023-12-31	15
7	Queens Hotel	2022-11-23	2023-11-23	15
8	Trace Hotel	2022-11-23	2023-11-23	15
10	Sea Hotel	2022-11-23	2023-11-23	14

« Previous 1 Next »

Deleting a Hotel

A hotel can be deleted from the system

1. Click on the “Delete” button in the table record of a particular hotel. In our case let's go with “Sea Hotel”. The confirmation popup will be displayed.

ST Agency

HotelBooking

Add Hotel

ID	NAME	FROM	TO	PERCENTAGE			
1	French Hotel	2022-11-25	2022-11-30	15	Update	Delete	More Details
3	Shangrila Hotel	2022-11-25	2022-12-31	15	Update	Delete	More Details
5	Avani Resort	2022-11-22	2023-12-31	15	Update	Delete	More Details
7	Queens Hotel	2022-11-23	2023-11-23	15	Update	Delete	More Details
8	Trace Hotel	2022-11-23	2023-11-23	15	Update	Delete	More Details
10	Sea Hotel	2022-11-23	2023-11-23	14	Update	Delete	More Details

« Previous1Next »

ST Agency

HotelBooking

Add Hotel

ID	NAME	FROM	TO	PERCENTAGE			
1	French Hotel	2022-11-25	2022-11-30	15		Delete	More Details
3	Shangrila Hotel	2022-11-25	2022-12-31	15		Delete	More Details
5	Avani Resort	2022-11-22	2023-12-31	15		Delete	More Details
7	Queens Hotel	2022-11-23	2023-11-23	15		Delete	More Details
8	Trace Hotel	2022-11-23	2023-11-23	15	Update	Delete	More Details
10	Sea Hotel	2022-11-23	2023-11-23	14	Update	Delete	More Details

« Previous1Next »

Are you sure you want to delete hotel **Sea Hotel**?
(Note that this action cannot be reversed)

Yes, I'm sureNo, cancel

2. Clicking on the “Yes, I’m sure” button will delete the hotel and an alert will be displayed with the success message.

ST Agency

localhost:4200 says
Successfully Deleted
OK

Add Hotel

ID	NAME	FROM	TO	PERCENTAGE			
1	French Hotel	2022-11-25	2022-11-30	15	Update	Delete	More Details
3	Shangrila Hotel	2022-11-25	2022-12-31	15	Update	Delete	More Details
5	Avani Resort	2022-11-22	2023-12-31	15	Update	Delete	More Details
7	Queens Hotel	2022-11-23	2023-11-23	15	Update	Delete	More Details
8	Trace Hotel	2022-11-23	2023-11-23	15	Update	Delete	More Details
10	Sea Hotel	2022-11-23	2023-11-23	14	Update	Delete	More Details

« Previous 1 Next »

3. The deleted hotel will no longer be seen in the hotel list table.

ST Agency

Hotel Booking

Add Hotel

ID	NAME	FROM	TO	PERCENTAGE			
1	French Hotel	2022-11-25	2022-11-30	15	Update	Delete	More Details
3	Shangrila Hotel	2022-11-25	2022-12-31	15	Update	Delete	More Details
5	Avani Resort	2022-11-22	2023-12-31	15	Update	Delete	More Details
7	Queens Hotel	2022-11-23	2023-11-23	15	Update	Delete	More Details
8	Trace Hotel	2022-11-23	2023-11-23	15	Update	Delete	More Details

« Previous 1 Next »

Managing room types of a hotel

Room types of a particular hotel can be added, updated or deleted.

1. Click on the “More Details” button in the table record of a particular hotel. In our case let's go with “French Hotel”. This will direct to the hotel details page in which some basic information of the hotel and the Room list table will be displayed.

ST Agency

HotelBooking

Add Hotel

ID	NAME	FROM	TO	PERCENTAGE			
1	French Hotel	2022-11-25	2022-11-30	15	Update	Delete	More Details
3	Shangrila Hotel	2022-11-25	2022-12-31	15	Update	Delete	More Details
5	Avani Resort	2022-11-22	2023-12-31	15	Update	Delete	More Details
7	Queens Hotel	2022-11-23	2023-11-23	15	Update	Delete	More Details
8	Trace Hotel	2022-11-23	2023-11-23	15	Update	Delete	More Details

« Previous1Next »

ST Agency

HotelBooking

Back

French Hotel

Contract to be expired in: 2022-11-30

Current Percentage: 15

Room details

Add

ID	NAME	NO.OF ROOMS	NO.OF ADULT (per room)	PRICE (per person)		
1	Luxury	10	1	12000	Update	Delete
2	Elegant	5	2	8000	Update	Delete

Adding a room type

A new room type can be added to the system

1. Click on the “Add” button available on the page.

ST Agency

HotelBooking

Back

French Hotel

Contract to be expired in: 2022-11-30

Current Percentage: 15

Room details

Add

ID	NAME	NO.OF ROOMS	NO.OF ADULT (per room)	PRICE (per person)		
1	Luxury	10	1	12000	Update	Delete
2	Elegant	5	2	8000	Update	Delete

2. The popup with the form will be displayed. And leaving fields empty or providing invalid data and clicking on the “Add Room” button will not add the room type instead errors will be shown.

Note that the validations in place are

- Fields can't be empty
- No. of rooms, no. of adult, price fields should all be greater than 0.

ST Agency Hotel Booking

Back

Add Room

Room Name

Room name field cannot be empty

No of Rooms

No. of rooms field cannot be empty

No of Adult (per room)

No. of Adults per room field cannot be empty

Price (per person)

Price field cannot be empty

Room detail

ID	NA
1	Lux
2	Eleg

Add

Delete

Delete

3. Provide valid data and click on the “Add Room” button, the new room type will be added and a success message will be shown.

ST Agency Hotel Booking

Back

Add Room

Room Name

No of Rooms

No of Adult (per room)

Price (per person)

Room Added Successfully

Add Room Cancel

Room detail

ID	NA
1	Lux
2	Eleg

Add

Delete

Delete

4. The added room type will be displayed as a new record in the room list table.

[Back](#)

French Hotel

Contract to be expired in: 2022-11-30

Current Percentage: 15

Room details

[Add](#)

ID	NAME	NO.OF ROOMS	NO.OF ADULT <i>(per room)</i>	PRICE <i>(per person)</i>		
1	Luxury	10	1	12000	Update	Delete
2	Elegant	5	2	8000	Update	Delete
7	Standard	10	2	7000	Update	Delete

Updating a room type

Room type details can be updated

1. Click on the “Update Room” button on a particular room type record, popup will be displayed with the current details and if fields are left as invalid and if “Update” button is clicked in the popup errors will be shown. (Same validations for adding room type applies here)

The screenshot displays the 'ST Agency' interface with a 'Hotel Booking' header. A modal titled 'Update Room' is open, showing the following fields:

- Room Name:** Standard
- No of Rooms:** 10
- No of Adult(per room):** 2
- Price (per person):** (Empty field with a red error message: "Price field cannot be empty")

At the bottom of the modal are two buttons: 'Update Room' (blue) and 'Cancel' (white). In the background, a table of room details is visible, including columns for ID, Name, and Price. The table contains three rows of data, with the third row (ID 7) highlighted.

ID	Name	Price
1	Luxury	10000
2	Elite	7000
7	Standard	7000

2. Provide valid data and try to update the hotel, a success message will be shown.

ST Agency

HotelBooking

Back

Update Room

Room Name

Standard

No of Rooms

10

No of Adult(per room)

2

Price (per person)

8000

Update Room

Cancel

Room Updated Successfully

Room details

ID	NAME	NO.OF ROOMS	NO.OF ADULT (per room)	PRICE (per person)		
1	Luxury	10	1	12000	Update	Delete
2	Elegant	5	2	8000	Update	Delete
7	Standard	10	2	8000	Update	Delete

Add

3. The record of the room type in the room list table will be updated with the given values.

ST Agency

HotelBooking

Back

French Hotel

Contract to be expired in: 2022-11-30

Current Percentage: 15

Room details

ID	NAME	NO.OF ROOMS	NO.OF ADULT (per room)	PRICE (per person)		
1	Luxury	10	1	12000	Update	Delete
2	Elegant	5	2	8000	Update	Delete
7	Standard	10	2	8000	Update	Delete

Add

Deleting a room type

A room type can be deleted

1. Click on the “Delete” button of a particular room type record, let's go with the newly added standard type.

ST Agency

HotelBooking

Back

French Hotel

Contract to be expired in: 2022-11-30

Current Percentage: 15

Room detailsAdd

ID	NAME	NO.OF ROOMS	NO.OF ADULT (per room)	PRICE (per person)		
1	Luxury	10	1	12000	Update	Delete
2	Elegant	5	2	8000	Update	Delete
7	Standard	10	2	8000	Update	Delete

2. The confirmation box will appear, click on the “Yes, i’m sure” button to delete the room type.

ST Agency

HotelBooking

Back

French Hotel

Contract to be expired in: 2022-11-30

Current Percentage: 15

Room detailsAdd

Are you sure you want to delete room category
Standard?
(Note that this action cannot be reversed)

Yes, I'm sureNo, cancel

ID	NAME	NO.OF ROOMS	NO.OF ADULT (per room)	PRICE (per person)		
1	Luxury	10	1	12000	Update	Delete
2	Elegant	5	2	8000	Update	Delete
7	Standard	10	2	8000	Update	Delete

3.The success message will be shown in an alert

ST Agency

localhost:4200 says
Successfully Deleted

OK

Back

French Hotel

Contract to be expired in: 2022-11-30

Current Percentage: 15

Room details

Add

ID	NAME	NO.OF ROOMS	NO.OF ADULT (per room)	PRICE (per person)		
1	Luxury	10	1	12000	Update	Delete
2	Elegant	5	2	8000	Update	Delete
7	Standard	10	2	8000	Update	Delete

4.The deleted room type will not be shown in the room list table.

ST Agency

Hotel

Booking

Back

French Hotel

Contract to be expired in: 2022-11-30

Current Percentage: 15

Room details

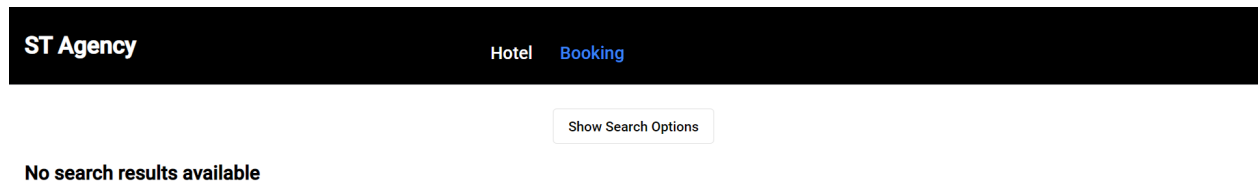
Add

ID	NAME	NO.OF ROOMS	NO.OF ADULT (per room)	PRICE (per person)		
1	Luxury	10	1	12000	Update	Delete
2	Elegant	5	2	8000	Update	Delete

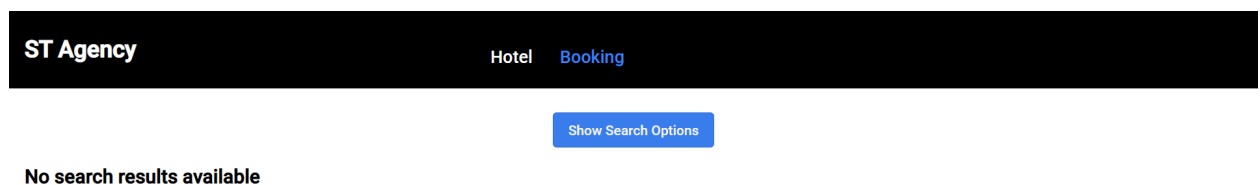
Searching for a booking

Hotels that can be booked can be searched according to the given customer requirements.

1.Navigate to the booking page using the “Booking” link on the navigation bar.



2.Click on the “Show Search Options” button for the popup to be displayed.



3. Providing invalid data to the form in the popup will show errors and the search request won't be processed.

Note that the validations in place are,

- Check in date cannot be a past date
- Fields cannot be empty
- No of nights must be greater than 0
- At Least 1 room with the number of adults must be added.

The screenshot shows a web application interface for 'ST Agency' with a 'Hotel Booking' section. A modal window titled 'Add Room' is open. The modal contains the following elements:

- A date input field with the value '11/23/2022' and a calendar icon.
- A label 'No of Nights' above an empty text input field. Below the field is a red error message: 'No.of nights must be given'.
- A label 'No.of Adults per room' above a text input field containing the value '0'.
- An 'Add Room' button.
- A label 'No.of rooms to be booked:0' above a red error message: 'Atleast 1 room must be given for the booking'.
- 'Search' and 'Cancel' buttons at the bottom right.

In the background, the text 'No search results available' is visible on the left side of the page.

4. Provide valid data, and add rooms request will be processed according to the customer. Like

- 1 room with 2 adults
- 1 room with 3 adults

So for the number of rooms that the customer wants, the number of adults must also be provided accordingly for each room. And there will be a list constructed so the rooms requested can be seen.

ST Agency Hotel Booking

No search results available

Add Room

Check In Date
11/23/2022

No of Nights
2

No. of Adults per room
1

Add Room

No. of rooms to be booked: 0

Search Cancel

ST Agency Hotel Booking

No search results available

Add Room

Check In Date
11/23/2022

No of Nights
2

No. of Adults per room
2

Add Room

No. of rooms to be booked: 1

Room 1 : Adults 1	Remove
-------------------	--------

Search Cancel

ST Agency

HotelBooking

No search results available

Add Room

No of Nights

2

No.of Adults per room

2

Add Room

No.of rooms to be booked:2

Room 1 : Adults 1	Remove
Room 2 : Adults 2	Remove

Search

Cancel

5.From the list of rooms requested can remove a room requested if the customer wants to change, then the list will be updated accordingly.

ST Agency

HotelBooking

No search results available

Add Room

No of Nights

2

No.of Adults per room

2

Add Room

No.of rooms to be booked:2

Room 1 : Adults 1	Remove
Room 2 : Adults 2	Remove

Search

Cancel

ST Agency

HotelBooking

No search results available

Add Room

11/23/2022

No of Nights

2

No. of Adults per room

2

Add Room

No. of rooms to be booked:1

Room 1 : Adults 2

Remove

Search

Cancel

6.Click on the “Search” button and results will be shown according to the requirements. The results include the name of the hotel, the room types that must be booked from the hotel with the number of rooms and the price for that particular room count and also the total price.

ST Agency

HotelBooking

Show Search Options

French Hotel

Rooms

Elegant X 1 (Rs.36800)

Total

Rs.36800

Book

Shangrila Hotel

Rooms

Standard X 1 (Rs.55200)

Total

Rs.55200

Book