

HOTELDEALS.COM

TEAM-16 MEMBERS

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CSP584-Enterprise Web Application

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Requirement Specification Documentation

1.0 Introduction

We provide our customers with their favorite hotel reservations at various locations made easier than ever. With every query, HotelDeals.com searches to show customers the information they need to find the right hotels and vacation packages.

1.1 Goals and objectives

The main goal of this website is to make an online Hotel Reservation anywhere across the world in ease. The objective of this project is to create an online enterprise web application which we named as 'HotelDeals.com'. The intent is to build an application that will allow customer to book rooms from the application through online. The store will have mainly three significant roles which are Customer, Admin and hotel manager. Users can check the availability of rooms and facilities. Hotel managers will be able to serve the walk-in customers and maintain the rooms and will know the details of reservations and reviews.

1.2 Statement of scope

The tool is mainly used for booking a Hotel Room of Customer's choice. Hotels can be searched by various choices like entering the location, by check-in and check-out dates or by entering the zipcode. The essential goal is to search for hotels in accurate location and avail good deals. The Scope of the Project is to provide an interface to the customers that can interact with the system on a web based application which provides a list of hotels in their preferred location and selected dates etc. The List of features is presented below.

The application shall be accessible through a web browser such as chrome, Firefox, Safari and so on. It shall prompt the customer for a username and password when they

want to finalize their reservation. If not signed up, it will directly take them to the new user sign up page. Upon entering this information correctly, the user shall have access to the booking of their preferred hotel, hotel type and also good deals. For the users, they shall be able to sign up, sign in, personal account, make a booking, cancel the booking, submit review and rating. In addition, the users shall be able to select rooms based on features like Pricing, Rating, zip code.. The users shall do this by the interactive features in the main page of the website.

1.3 Software context

The software is used to register courses efficiently. It is a web based application which basically consists of MVC architecture. Application server (JSP, Servlets, AJAX) will mainly handle the web application. The application will communicate to the database (MongoDB) to communicate and retrieve information. Users shall use a browser (Firefox, Chrome, Safari) to access the application after starting Apache Tomcat Server. Hotels searched by Zipcode is implemented using Google API and the search for hotels in search bar has an autocomplete feature using AJAX

1.4 Requirements

The functional, non-functional and environmental requirements are listed below:

1.4.1 Functional Requirements

1. The system shall check the validity of Username and password for existing users.

Input: User specifies username and password and clicks on 'submit'.

Processing: The system refers to its backend database to check if the username - password combination is valid.

Output: If credentials are invalid, display error and return to login screen

2. The system shall enable customer to make reservation for a Hotel Room. A list of Hotels is displayed for the customer to choose based on their choice of location, zipcode, check-in and check-out dates or ratings and reviews of the hotel.

Input: Customer enters location 'City', selects check-in and check-out dates, Number of Guests and clicks on the 'Search' button

Processing: The system does the following validation checks:

If there are number of Hotels in the Location?

If any availability of the hotel rooms in the preferred dates?

Output: If any of the above is true, display appropriate list' of hotels for the customers to go ahead with the booking.

3. The system shall enable customer to look up for Hotel rooms in specified zipcode. The list of hotels will show up.

Input: customer chooses to lookup the hotels in a particular zipcode. No other inputs.

Processing: Fetch the list of hotels for this user from the backend database

Output: Display the list of Hotels

4. The system shall enable customer to cancel the hotel room they reserved. A list of reserved hotels is displayed for the customer to choose and cancel if more than one booking is made in their bookings page.

Input: customer chooses a hotel room from the list and clicks on 'cancel'.

Processing: The system checks removes the hotel room reservation from the list of 'reserved hotel' for the customer and updates the backend database .

Output: If Cancellation was successful, display a message indicating Cancellation Successful to user and show the updated list of Hotels from the main page. Else, display the reason for error.

5. The system shall enable customer to edit profile. Information for Email address, phone number, password and name can be changed.

Input: customer chooses to edit his profile information. User enters the details that he wishes to change (Email address, phone number and password are the updatable fields)

Processing: The system checks if the new password (if set) conforms to the password guidelines. If not, display an alert to user. Else, proceed further. System checks if the phone number entered is a valid one (country code followed by the number of digits

needed for a phone number in that country). If not valid, display an alert to user. Else, proceed with updating the database with new details.

Output: If update was successful, display a message indicating success to user and show the updated profile. Else, display the reason for error.

6. The system shall enable admin to add or delete Hotel.

Input: admin chooses to add new hotels or delete hotels. No other input expected.

Processing: The system gets the list of information required to add Hotel to the page saving it to the backend database while clicking on 'Remove' button leads to deleting a hotel from the page as well as the backend Database

Output: Display a message that Added or Deleted successfully.

7. The system shall enable the admin to add or delete Hotel Manager

Input: admin chooses to add new hotel managers or remove them. No other input expected.

Processing: The system gets the list of information required to add Hotel Manager to the page saving it to the backend database while clicking on 'Remove' button leads to deleting a hotel manager from the page as well as the backend Database

Output: Display a message that Added or Deleted successfully.

8. The system shall enable the Hotel Manager to view all the bookings of hotels which are done by the customer and Hotel Manager can cancel any bookings based on the requirements.

1.4.2 Non-functional requirements

1. Security: The system should protect privacy. The system should allow only customers to view/edit his/her personal information.
2. Availability: The system should be available and running at least 99% of time. 3. Scalability: The system should be able to serve up to three thousand users concurrently.
4. Ease of use: The system should be user friendly and intuitive. The user should not take more than 2 minutes to get through a certain activity (registering / dropping a course) and not more than 3 minutes to while creating a new account.
5. The system should provide facility to get Reviews and Ratings from customers. Customers are requested to rate on a scale of 5 on their Experience of stay, and free text comments can be entered as review.

1.4.3 Environmental requirements

1. Customer, Hotel Manager and Admin needs a web browser (Firefox, Safari, chrome etc.) to connect to the system.
2. Customer, Hotel Manager and Admin must be connected to the internet, and should have internet access speeds of at least 64kbps.

2.0 User Scenario:

2.1 User profiles:

Customers

Users of the system are Customers. Customers can sign up, sign in, view their profile, search hotels, make a reservation, cancel reservation, Review and Rate them

Admin

Admin can sign in, Add/ Delete a Hotel or Hotel Manager. Admin has access to the Data Analysis Page to make better business decisions on to target potential customers.

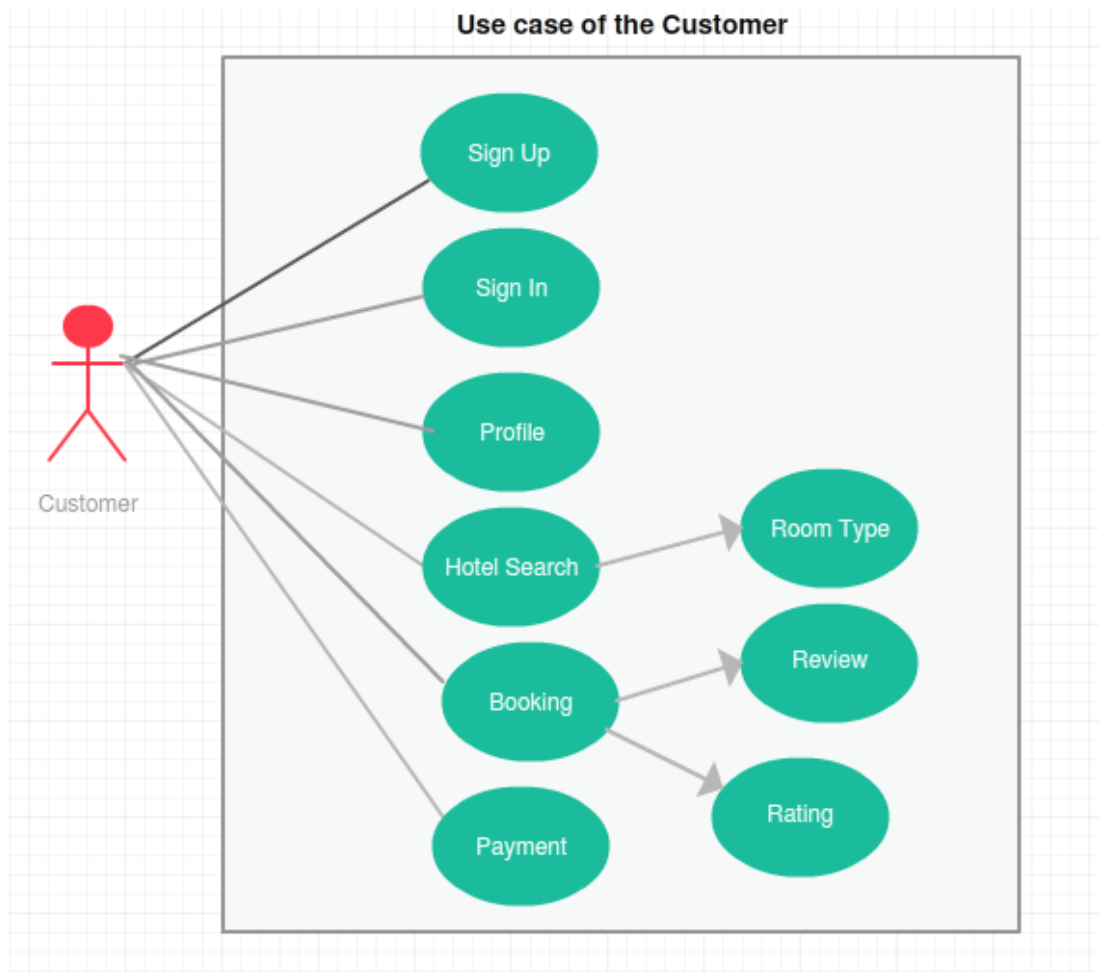
Hotel manager

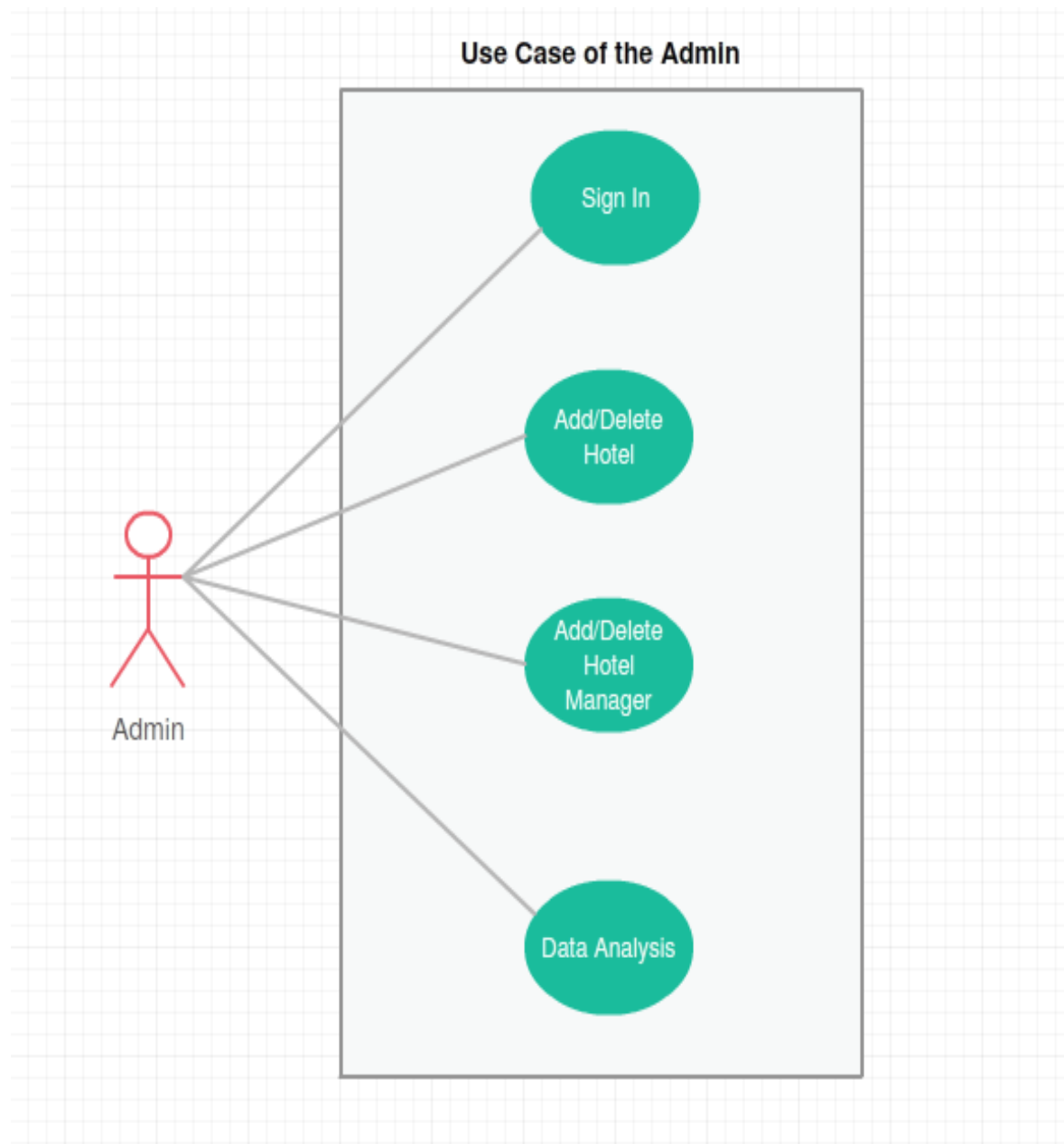
Hotel Manager can sign in, Add/ Delete Hotel, View booking and edit the Hotel Details and prices

2.2 Use-cases

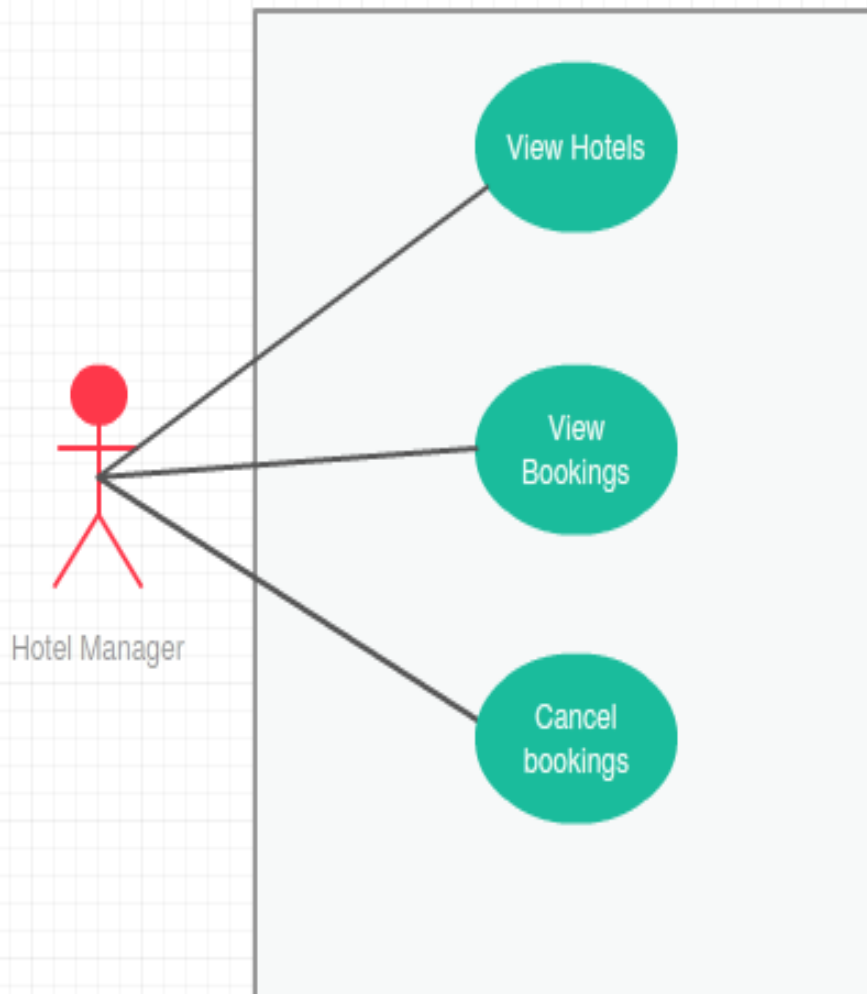
All use-cases for the software are presented.

2.2.1 Use case of the customer





Use Case of the Hotel Manager



Domain Dictionary:

Name	Type	Description
User	Role	<ul style="list-style-type: none">- Create/edit account OR shop as a guest user.- Search hotel room/s- Rate/review hotel room/s-Place reservations/cancel reservation/s- See reservations history
Hotel Admin	Role	<ul style="list-style-type: none">- Can add/delete/update hotel rooms.- Can view at the data analytics reports.- Manage product discounts
Reservation/s	Object	<ul style="list-style-type: none">- List of rooms which customer likes to have
Reviews	Object	<ul style="list-style-type: none">- List of reviews from customers
Add/Update/Delete hotel rooms	Process	<ul style="list-style-type: none">- Admin can add/update/delete hotel rooms
Placing/Canceling reservations	Process	<ul style="list-style-type: none">- Method of placing reservation online or canceling it if not interested and Hotel manger can also cancel any booking.
Payment of reservation	Process	<ul style="list-style-type: none">- Method of paying for the reservation through credit card
Search of hotel rooms	Process	<ul style="list-style-type: none">- Method of searching hotel rooms
Data Analytics Report	Function	<ul style="list-style-type: none">- It is the functionality of generating the report for data analytics

2.3 Special usage considerations:

This system is built basing on web. So a standard web browser is very important and necessary, such as Google chrome, Microsoft edge and Firefox.

3.0 Data Model and Description

This section mainly describes the information domain for this registration web application.

3.1 Data objects

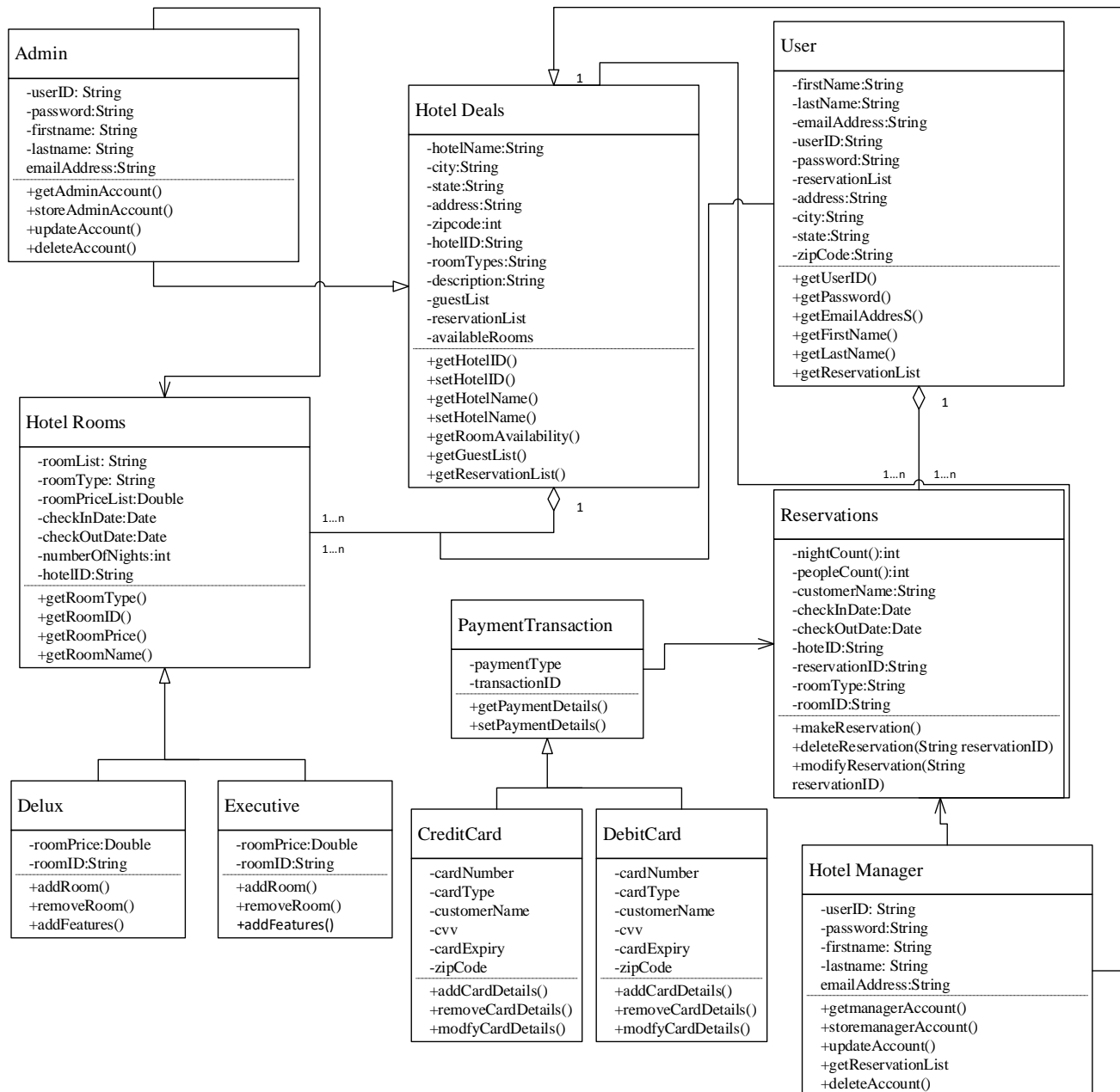
Following are the data objects in our database without relationship.

Schema Name	Attribute	Type	Constraint	Note
ACCOUNTHOLD ER (Customer, Admin, Hotel Manager)	<u>UserName</u>	VARCHAR(20)	Primary Key	Account
	Password	VARCHAR(15)	NOT NULL	

CUSTOMER	E-mail ID	VARCHAR(20)	Primary Key	
	Age	INT(9)	NOT NULL	
	Customer Name	VARCHAR(25)	NOT NULL	Composition, separate into LName and FName
	Address	String(20)	NOT NULL	
	Phone	INT(20)	NOT NULL	
	Occupation	VARCHAR(25)	NOT NULL	

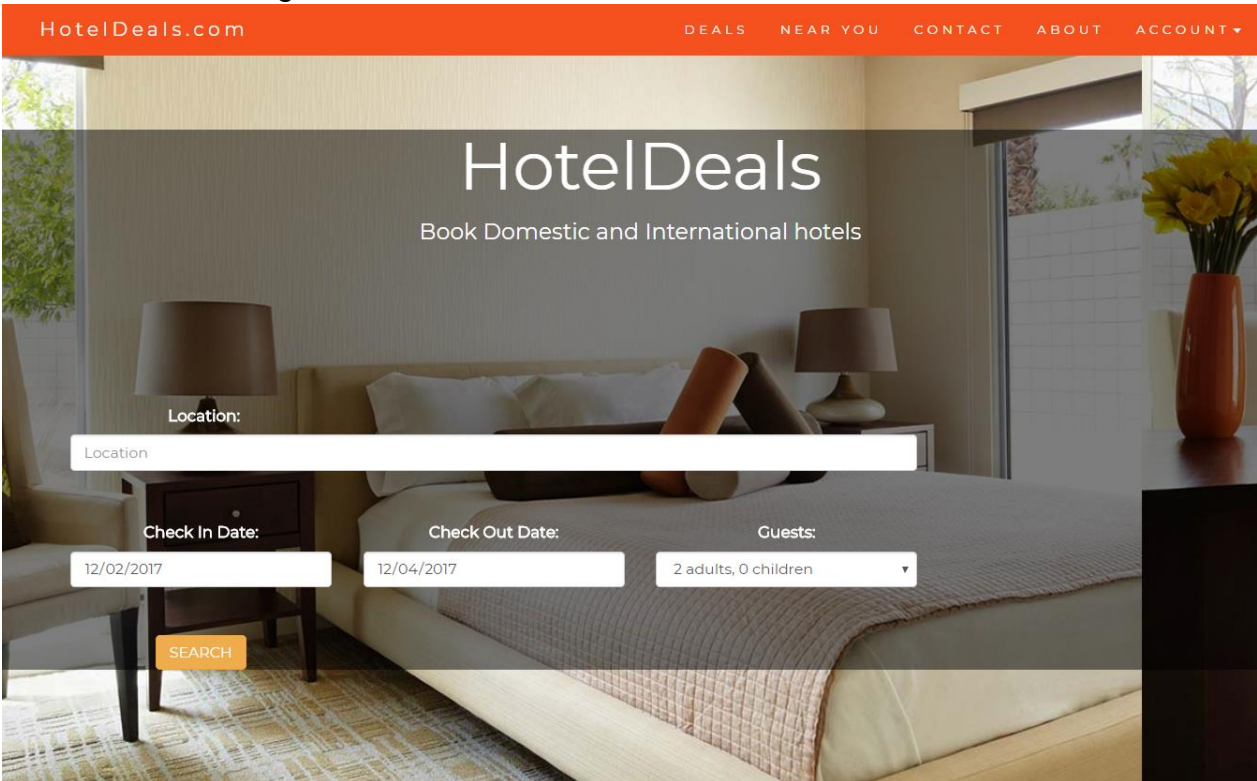
	Gender	VARCHAR(10)	NOT NULL	Select from the options
	Password	VARCHAR(20)	NOT NULL	
	Retype Password	VARCHAR(20)	NOT NULL	

4.0 Class Diagram:



5.0 Output:

5.1 Home Page:



The screenshot shows the HotelDeals.com home page. The header is orange with the site name and navigation links. The main content area features a large background image of a hotel room. Overlaid on this is a search form with fields for Location, Check In Date, Check Out Date, and Guests, along with a SEARCH button.

HotelDeals.com

DEALS NEAR YOU CONTACT ABOUT ACCOUNT ▾

HotelDeals

Book Domestic and International hotels

Location:

Location

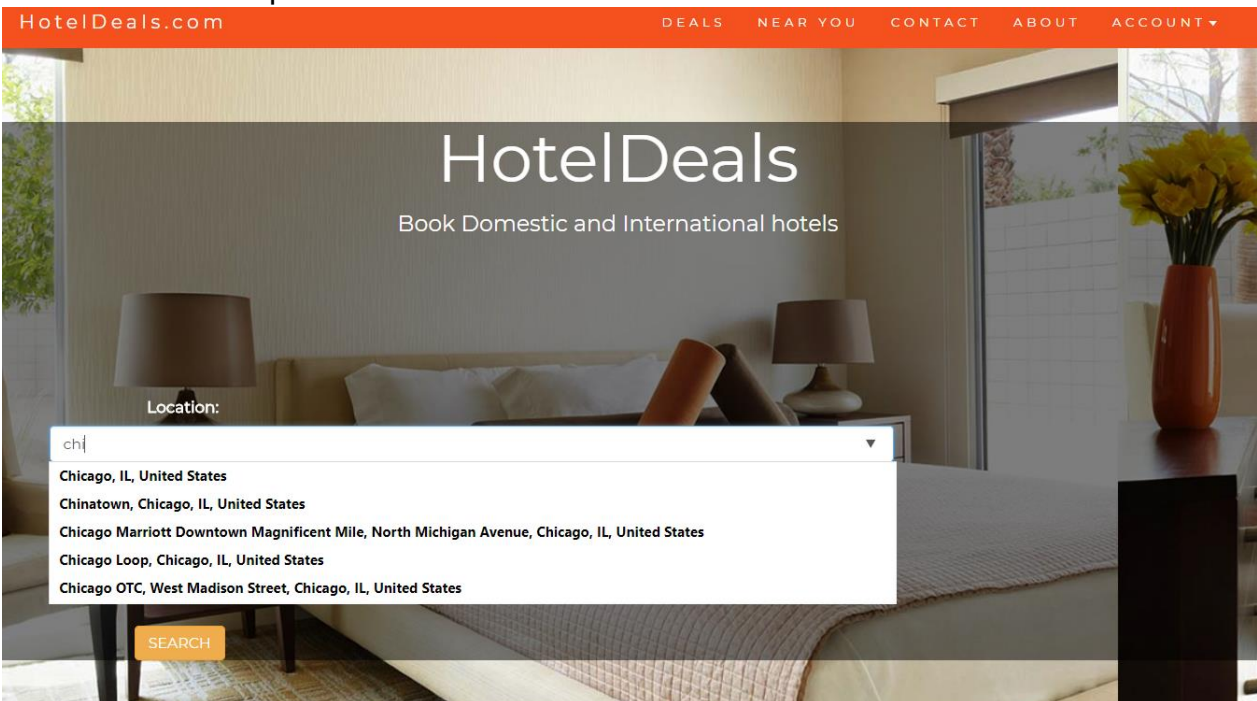
Check In Date: 12/02/2017

Check Out Date: 12/04/2017

Guests: 2 adults, 0 children ▾

SEARCH

5.2 Autocomplete:



This screenshot shows the same home page as 5.1, but with the location dropdown menu open. The dropdown lists several suggestions for the location 'ch|', including Chicago, IL, United States and specific areas like Chinatown and the Loop.

HotelDeals.com

DEALS NEAR YOU CONTACT ABOUT ACCOUNT ▾

HotelDeals

Book Domestic and International hotels

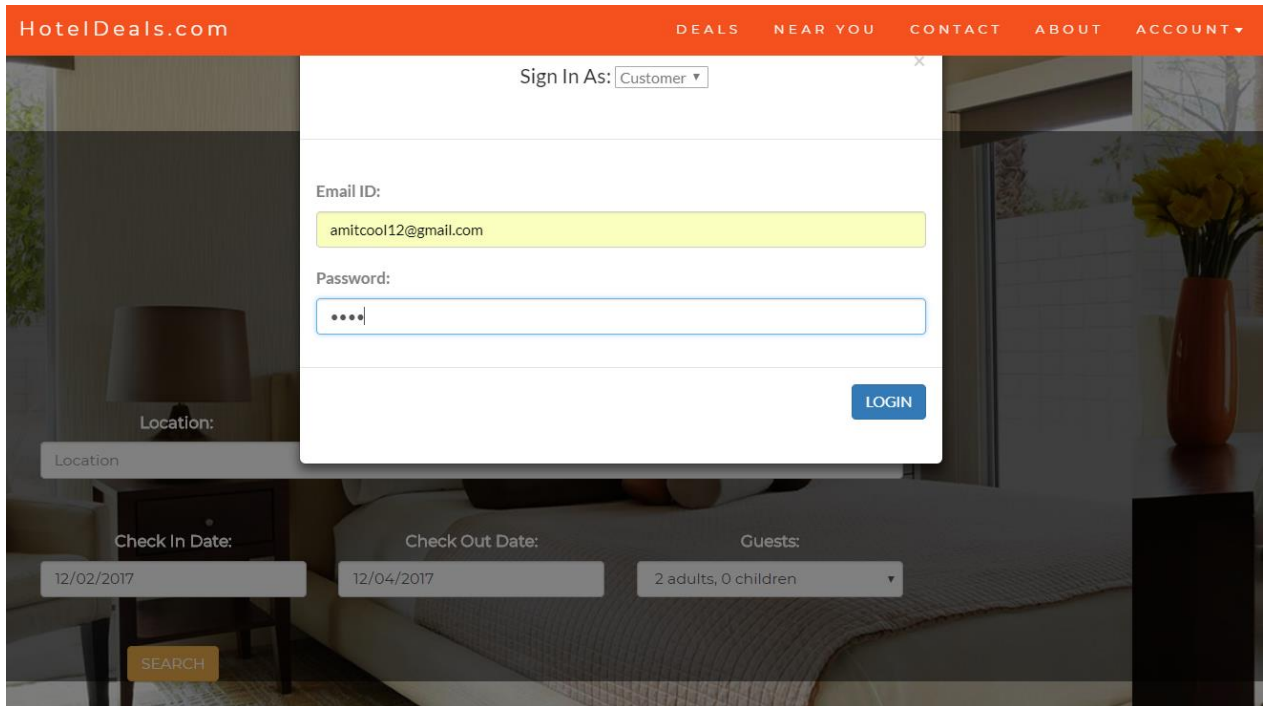
Location:

ch|

- Chicago, IL, United States
- Chinatown, Chicago, IL, United States
- Chicago Marriott Downtown Magnificent Mile, North Michigan Avenue, Chicago, IL, United States
- Chicago Loop, Chicago, IL, United States
- Chicago OTC, West Madison Street, Chicago, IL, United States

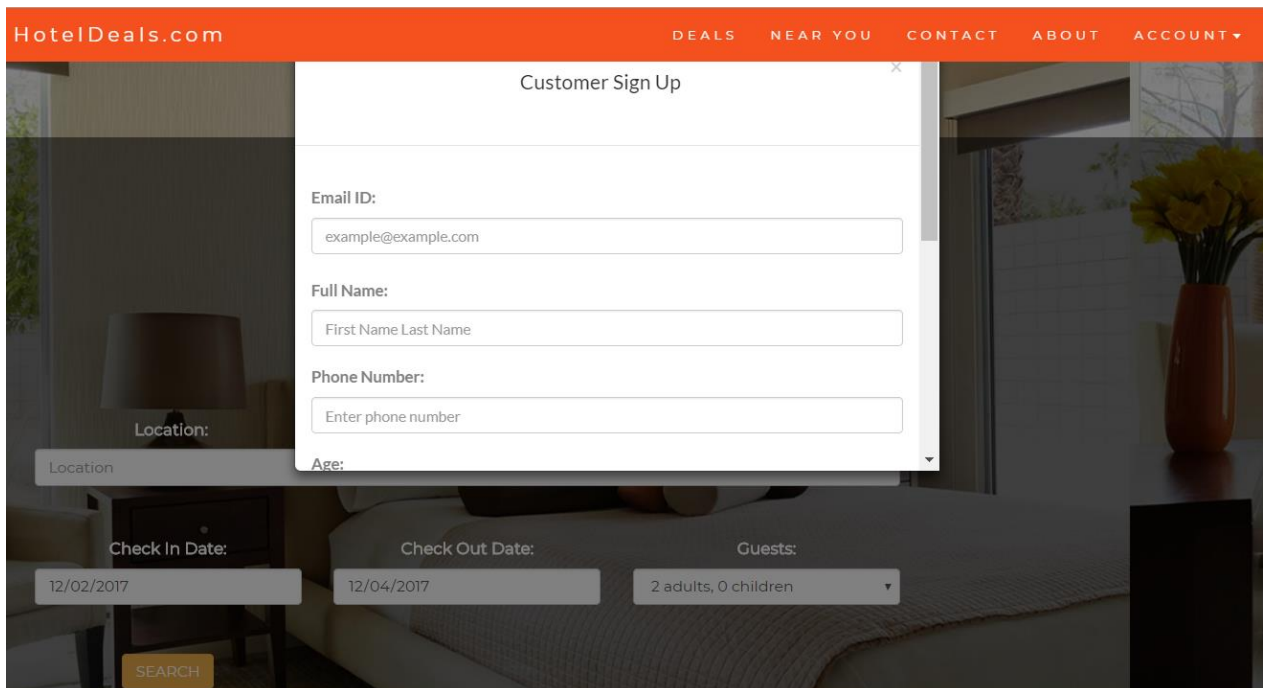
SEARCH

5.3 Login as a Customer:



The screenshot shows the HotelDeals.com website with a modal window titled "Sign In As: Customer". The modal contains fields for "Email ID:" (filled with "amitcool12@gmail.com") and "Password:" (masked with "...."). A "LOGIN" button is at the bottom right of the modal. In the background, the search bar is visible with "Location:" (placeholder "Location"), "Check In Date:" (12/02/2017), "Check Out Date:" (12/04/2017), and "Guests:" (2 adults, 0 children). A "SEARCH" button is at the bottom left of the search bar.

5.4 Sign-up as a Customer:



The screenshot shows the HotelDeals.com website with a modal window titled "Customer Sign Up". The modal contains fields for "Email ID:" (filled with "example@example.com"), "Full Name:" (placeholder "First Name Last Name"), "Phone Number:" (placeholder "Enter phone number"), and "Age:". A "SEARCH" button is visible in the background search bar.

5.5 After registering as a customer, we can see the new customer added in the mongo db.

```
{
  "_id": ObjectId("5a08e2ad35ac8e0930462018"), "emailId": "narayana.8.dasari@gmail.com", "fullName": "Lakshmi Naraya
na", "phoneNumber": "9174958554", "password": "12345", "type": "customer", "occupation": "Software", "gender": "ma
le", "age": 25 }
{ "_id": ObjectId("5a0f20efe17597048cb14595"), "emailId": "test1@gmail.com", "fullName": "test", "phoneNumber": "12
84567890", "password": "1234", "type": "customer", "occupation": "Student", "gender": "male", "age": 21 }
{ "_id": ObjectId("5a0f57ba7537ab3734eb4de1"), "emailId": "safa@gmail.com", "fullName": "safa syeda", "phoneNumber":
"1232343456", "password": "safa", "type": "customer", "occupation": "Doctor", "gender": "female", "age": 20 }
{ "_id": ObjectId("5a0f73757537ab0e7455c31a"), "emailId": "sana@gmail.com", "fullName": "sana ", "phoneNumber": "78
55644321", "password": "safa", "type": "customer", "occupation": "Teacher", "gender": "female", "age": 28 }
{ "_id": ObjectId("5a0f87347537ab0e7455c33e"), "emailId": "alisha@gmail.com", "fullName": "alisha", "phoneNumber":
"78654327889", "password": "safa", "type": "customer", "occupation": "student", "gender": "female", "age": 25 }
{ "_id": ObjectId("5a232903272fa22bb8bc354b"), "emailId": "shankar@gmail.com", "fullName": "Shankar", "phoneNumber":
"9174958554", "password": "12345", "type": "customer", "occupation": "Software", "gender": "male", "age": 24 }
{ "_id": ObjectId("5a233346272fa22bb8bc3571"), "emailId": "dasari@gmail.com", "fullName": "dasari", "phoneNumber":
"9174958554", "password": "12345", "type": "customer", "occupation": "software", "gender": "male", "age": 24 }
{ "_id": ObjectId("5a2335e9272fa22bb8bc358d"), "emailId": "mahi@gmail.com", "fullName": "mahendra", "phoneNumber":
"917488543", "password": "12345", "type": "customer", "occupation": "sports", "gender": "male", "age": 14 }
{ "_id": ObjectId("5a233ca8272fa22bb8bc35bc"), "emailId": "sourav@gmail.com", "fullName": "sourav", "phoneNumber":
"8585858556", "password": "12345", "type": "customer", "occupation": "softwarer", "gender": "male", "age": 24 }
}
```

5.6 Login as customer and searching hotels in Chicago.

HotelDeals.com

HOME DEALS ACCOUNT

Sort by: Price min to max

Location: Chicago, IL, United States

Dates: 12/02/2017 to 12/04/2017


Filter Hotels By:

Rating

Price Range

Rooms Available


Sort and Filter



FAIRMONT CHICAGO

Chicago


Rating: 3.5/5.0



PARK HYATT

Chicago

Rating: 3.2/5.0



THE WESTIN

Chicago

Rating: 3.2/5.0

Features:
and more.

Rooms available: 8
Price: \$269.0 per night

SELECT

Features:
and more.

Rooms available: 6
Price: \$320.0 per night

SELECT

Features:
and more.

Rooms available: 18
Price: \$320.0 per night

SELECT

5.7 All the hotels are fetched from MySQL database.

The screenshot shows a MySQL database management tool interface. On the left, there's a sidebar with categories: MANAGEMENT (Server Status, Client Connections, Users and Privileges, Status and System Variables, Data Export, Data Import/Restore), INSTANCE (Startup / Shutdown, Server Logs, Options File), PERFORMANCE (Dashboard, Performance Reports, Performance Schema Setup), and SCHEMAS (Filter objects, addresses, exercise, hotels, hoteldata, Views). The main area displays a SQL query in a text editor:

```
1 -- create database hotels;  
2 use hotels;  
3  
4 -- create table hoteldata (name varchar(200),city varchar(100),state varchar(50), totalrooms int(20),address varchar(500),zip varchar(10),rating float(2,1))  
5  
6 select * from hotels.hoteldata;  
7  
8  
9  
10
```

Below the query editor, the 'Result Grid' shows the data fetched from the database. The table has columns: name, city, state, totalrooms, address, zip, rating, and hotelID. The data is as follows:

name	city	state	totalrooms	address	zip	rating	hotelID
Westin	chicago	Illinois	8	WestinChicagoRiverNorth	60616	5	1
ThePODCHOTEL	LosAnoeles	California	3	WashingtonDCHOTEL 25 IE STREET	10022	4	2
Lanoham	Chicago	Illinois	41	330 N Wabash Ave	60616	4	3
Wvndham Grand	Chicago	Illinois	32	Wvndham Chicago	60616	3	4
Circus Circus	LasVegas	California	58	Nv United states	90001	4	4
Caesars Palace	LasVegas	California	38	Nv United states	90011	5	5
Manderin Oriental	Miami	Florida	17	Floria United states	70001	4	6
Pacific Terrace	SanDiego	California	38	California 128 United states	90011	4	7
DisnevLand Hotel	Anaheim	California	35	Anaheim #154 United states	30012	5	8
Manchester Grand	Sandiego	California	29	Sandiego #2345 United states	90001	3	9
Grand Hvatt Tam...	Tamoa	Florida	24	Florida United states	61001	4	10
Boston Park Plaza	Boston	Massach...	32	MA #245 United states	51001	4	11
Hilton SanFrancis...	SanFrancisco	California	37	California United states	90001	5	12


5.8 Now selecting a Particular Hotel we can see the average rating and can also write a Review.

The screenshot shows the HotelDeals.com website. The header has the site name and navigation links: HOME, DEALS, ACCOUNT. The main content area displays the 'Congress Plaza Hotel' in Chicago. Below the hotel name is a large image of the hotel building at night, with the 'CONGRESS HOTEL' sign illuminated. To the right of the image, there's a 'Hotel Description:' section with the text: 'Modern high-rise property offering stylish lodging, a futuristic lobby bar & farm-to-table dining.' Below this is the 'Average Rating: 3.2/5.0'. Further down is the 'Customer Rating:' section, which shows a star rating system with 5 stars. The first star is highlighted green, indicating a 3.2 rating. Below the stars is a 'WRITE REVIEW' button.

5.9 Scrolling down the page we can find the rooms which are available and the Reviews which are given by the other customers.

HotelDeals.comHOMEDEALSACCOUNT ▾

Types of rooms available:



Executive Suite

Price: \$300.0 per night

Features:

- ✓ Netflix
- ✓ WiFi

- +

Rooms Available: 4

BOOK

Customer Reviews:

Review#1:



Most friendly and helpful receptionist ever, so lovely and great first impression of hotel.

By: Amitendra Saxena

5.10 When we click on book it redirects us to Booking information page.

HotelDeals.comHOMEDEALSACCOUNT ▾

Hotel Name: Congress

Room Type: Delux

Booking Name:

Method of payment:

Credit ▾

Card Number:

CVV:

Expiration Date:

Name on Card:

Billing Address:

RESERVE

BACK TO HOME

5.11 As we select reserve we can see the hotel room has been booked and can be seen in the mongodb.

```
Select C:\Program Files\MongoDB\Server\3.4\bin\mongo.exe
Hyatt", "city": "Chicago", "zip": "60611", "address": "800 N Michigan Ave", "roomId": 2, "features": { "Netflix": "on", "WiFi": "on" }, "dates": [ { "endDate": 1510984800, "startDate": 1510812000, "status": 0 } ], "images": [ "Hotels\\ParkCentralHotel\\Deluxe\\image1.jpg" ], "price": 210 } ], "features": [ "WiFi", "Netflix" ], "hotelId": 45, "totalRooms": 7, "rating": 3.2, "minPrice": 320, "images": [ "Hotels\\ParkCentralHotel\\image1.jpg", "Hotels\\ParkCentralHotel\\image2.jpg" ], "valid": null } }
{ "_id": ObjectId("5a0f21f1e17597048cb1459c"), "emailId": "test1@gmail.com", "hotelId": 50, "bookingId": 11568, "roomId": [ 4 ], "startDate": "2017-11-20", "endDate": "2017-11-23", "bookingName": "Test1", "bookingDate": "Fri Nov 17 11:52:49 CST 2017", "hotel": { "hotelName": "The Peninsula", "city": "Chicago", "zip": "60611", "address": "108 East Superior Street", "url": "http://chicago.peninsula.com/en/special-offers/luxury-in-advance?gclid=EAiaIQobChMIx52HmvrD1wIVh8JkCh1B6Q-GEAAYASAAEgJMAPD_BwE&gclidsrc=aw.ds", "cancellationPolicy": "1-2-3-4-5-6-7-8-", "description": "Luxury hotel with spa, near John Hancock Center.", "roomTypes": [ "Deluxe", "Executive Suite" ], "numberOfRooms": { "Executive Suite": 5, "Deluxe": 3 }, "rooms": [ { "typeName": "Executive Suite", "hotelName": "The Peninsula", "city": "Chicago", "zip": "60611", "address": "108 East Superior Street", "roomId": 4, "features": { "Netflix": "on", "WiFi": "on" }, "dates": [ { "endDate": 1511416800, "startDate": 1511157600, "status": 0 } ], "images": [ "Hotels\\Peninsula\\ExecutiveSuite\\image1.jpg" ], "price": 1275 } ], "features": [ "WiFi", "Netflix" ], "hotelId": 50, "totalRooms": 8, "rating": 4.5, "minPrice": 550, "images": [ "Hotels\\Peninsula\\image1.jpg", "Hotels\\Peninsula\\image2.jpg" ], "valid": null } }
{ "_id": ObjectId("5a234a4c5fcfeb3728505e0d"), "emailId": "amitcool12@gmail.com", "hotelId": 44, "bookingId": 28468, "roomId": [ 7 ], "startDate": "2017-12-02", "endDate": "2017-12-04", "bookingName": "Amitendra", "bookingDate": "Sat Dec 02 18:50:20 CST 2017", "hotel": { "hotelName": "Congress Plaza Hotel", "city": "Chicago", "zip": "60605", "address": "520 South Michigan Avenue", "url": "http://www.congressplazahotel.com/", "cancellationPolicy": "7-8-5-6-", "description": "Modern high-rise property offering stylish lodging, a futuristic lobby bar & farm-to-table dining.", "roomTypes": [ "Deluxe", "Executive Suite" ], "numberOfRooms": { "Executive Suite": 4 }, "rooms": [ { "typeName": "Executive Suite", "hotelName": "Congress Plaza Hotel", "city": "Chicago", "zip": "60605", "address": "520 South Michigan Avenue", "roomId": 7, "features": { "Netflix": "on", "WiFi": "on" }, "dates": [ { "endDate": 1512367200, "startDate": 1512194400, "status": 0 } ], "images": [ "Hotels\\CongressPlazaHotel\\ExecutiveSuite\\image1.jpg" ], "price": 300 } ], "features": [ "WiFi", "Netflix" ], "hotelId": 44, "totalRooms": 4, "rating": 3.2, "minPrice": 110, "images": [ "Hotels\\CongressPlazaHotel\\image1.jpg", "Hotels\\CongressPlazaHotel\\image2.jpg" ], "valid": null } }
>
```

5.12 Now customer can go to their account page and can see their bookings.

HotelDeals.com HOME DEALS ACCOUNT ▾

Reservations:

Booking ID: 18947

Booking Name: Amitendra

Booking Date: 11/16/2017

Email ID: amitcool12@gmail.com

Hotel Name: Park Hyatt

Room Type: Deluxe

Number of Rooms: 1

Total Amount: 210.0

CANCEL BOOKING

Booking ID: 28468

Booking Name: Amitendra

Booking Date: 12/02/2017

Email ID: amitcool12@gmail.com

Hotel Name: Congress Plaza Hotel

Room Type: Executive Suite

Number of Rooms: 1

Total Amount: 300.0

CANCEL BOOKING

5.13 Users can also see their Profile page from my account options.

HotelDeals.com

HOME DEALS ACCOUNT ▾

Profile Settings:

Email ID:

amitcool12@gmail.com

Full Name:

Amitendra Saxena

Phone number:

3099893395

Occupation:

12

Edit Profile

Change Password

5.14 Users can also write give reviews to Hotels.

HotelDeals.com

HOME DEALS ACCOUNT ▾

Write Review:

Hotel Name:

Fairmont Chicago

Location:

Chicago

Email ID:

amitcool12@gmail.com

Full Name:

Amitendra Saxena

Age:

21

Gender:

male

Occupation:

12

Review Date:

12/02/2017

Review Title:

Awesome Experience

Rating:



Review Text:

Had a really nice stay. The staff and the members were very responsive|



SUBMIT REVIEW


5.15 After submitting reviews we can see the reviews getting stored in mongodb and is also displayed on the specific hotel page.

```
Select C:\Program Files\MongoDB\Server\3.4\bin\mongo.exe
```

```
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[DEALS](#)
[ACCOUNT ▾](#)



Executive Suite

Features:

- ✔ Netflix
- ✔ WiFi

Price: \$899.0 per night

-

1

+

Rooms Available: 5

BOOK

Customer Reviews:

Review#1:

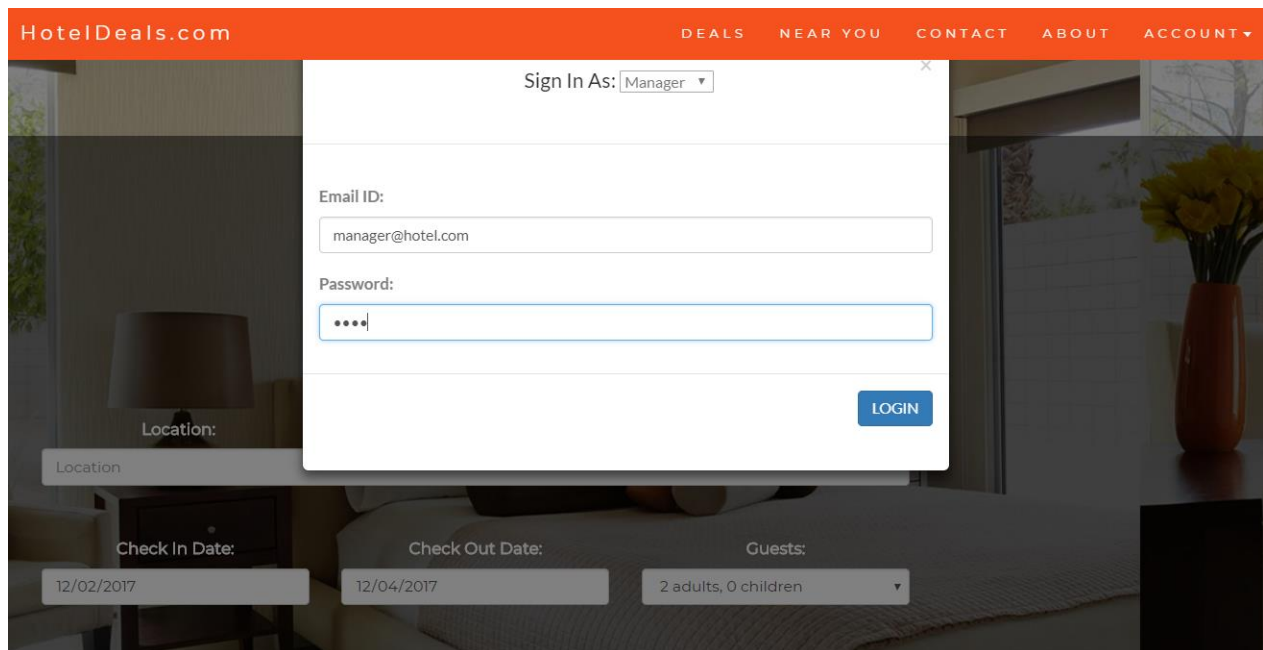


Awesome Experience

Had a really nice stay. The staff and the members were very responsive.

By: Amitendra Saxena

5.16 Now we will sign in as Store Manager.



5.17 Hotel Manager can view all the hotel reservations which are done by the customer and can even cancel any reservations.

HotelDeals.com

ABOUTACCOUNT

Reservations:

Booking ID: 13154

Booking Name: shankar

Hotel Name: Fairmont Chicago

Booking Date: 12/02/2017

Room Type: Executive Suite

Email ID: manager@hotel.com

Number of Rooms: 2

Total Amount: 1798.0

CANCEL BOOKING

Booking ID: 18947

Booking Name: Amitendra

Hotel Name: Park Hyatt

Booking Date: 11/16/2017

Room Type: Deluxe

Email ID: manager@hotel.com

Number of Rooms: 1

Total Amount: 210.0

CANCEL BOOKING

Booking ID: 11568

5.18 Now we will login in as an Admin

HotelDeals.com

DEALS NEAR YOU CONTACT ABOUT ACCOUNT

Sign In As: Admin

Email ID:
admin@hotel.com

Password:
.....

LOGIN

Location:
Location





Check In Date: 12/02/2017

Check Out Date: 12/04/2017

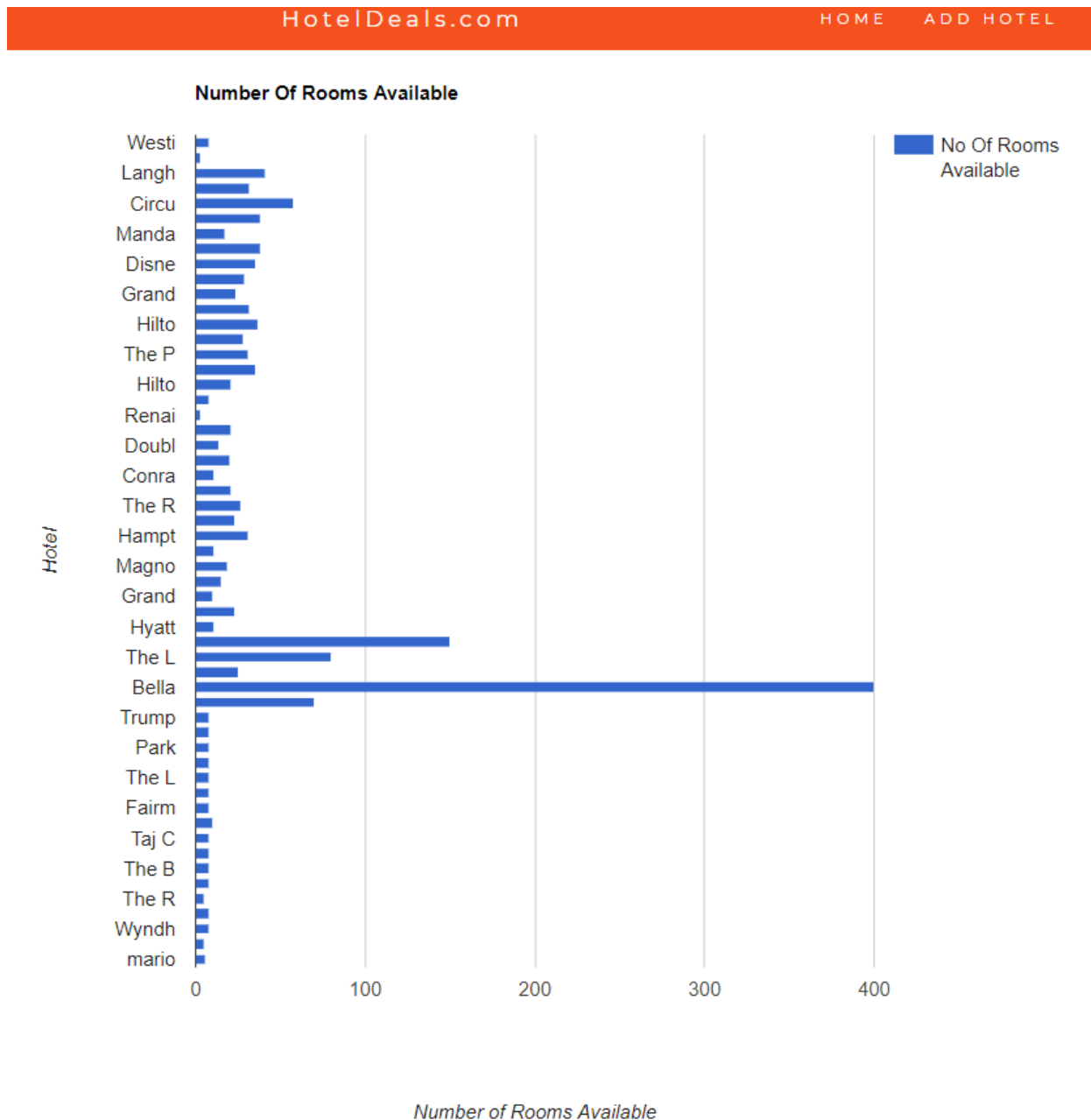
Guests: 2 adults, 0 children

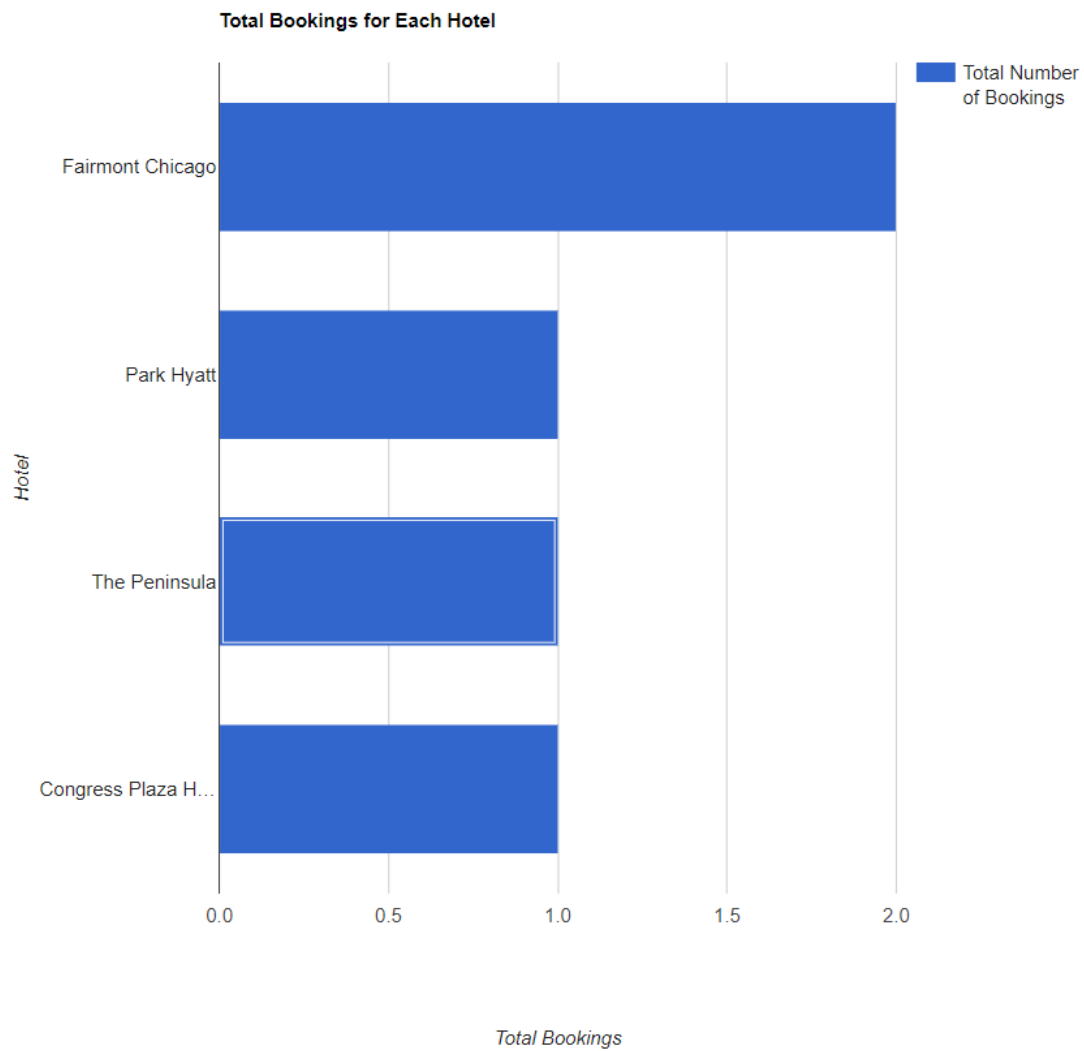
SEARCH

5.19 Admin can see all the hotels which are listed on the website and can perform various operations such as update, remove, add hotels, view bookings and also can see the data analytics.

HotelDeals.com					HOME	ADD HOTEL	DATA ANALYTICS	VIEW BOOKINGS	ACCOUNT
	Westin Chicago Rating: 0.0/5.0	Features: and more.	Price: \$210.0 per night Rooms available: 8	UPDATE REMOVE					
	The PodHotel51 Los Angeles Rating: 0.0/5.0	Features: and more.	Price: \$349.0 per night Rooms available: 3	UPDATE REMOVE					
	Langham Chicago Rating: 0.0/5.0	Features: and more.	Price: \$320.0 per night Rooms available: 41	UPDATE REMOVE					
	Wyndham Grand	Features: and more.	Price: \$240.0 per night Rooms available: 28	UPDATE					

5.20 In Data Analytics the Admin can see Hotels and number of rooms available, Total booking for each room and Top 5 most liked Hotels.





DATE REPRESENTATION IN TABLES

Top 5 Most Liked Hotels:	
Hotel	Avg. Review Rating
Trump International Hotel & Tower Chicago	5.0
Fairmont Chicago	5.0
Congress Plaza Hotel	4.75
The Peninsula	4.0
DoubleTree Suites by Hilton Hotel Austin	3.5

5.21 To add a new hotel admin can add new hotel using add hotel tab.

HotelDeals.com

HOMEACCOUNT

Add a Hotel:

Hotel Name:

Enter Hotel Name

City:

Enter City name

Zip Code:

Enter zip code

Address:

Enter address

URL:

Enter URL

Cancellation Policy:

24Hrs

Types of Rooms Available:

Enter number of room types

Hotel Description:

Features:

Enter feature

ADD FEATURE

Upload Hotel Images:

Choose FilesNo file chosen

5.22 Admin can also add rooms for each hotels.

Add Rooms for Hotel: Crecent Hotel

Room Type:

Price per night:

Rooms Available:

Available Move in Date:

End Date:

Features:

Upload Room Images:

 No file chosen

ADD ROOMS

5.23 Admin can view all the reservations which are done by the customers.

HotelDeals.com

ABOUT

HOME

DATA ANALYTICS

ACCOUNT

Reservations:

Booking ID: 13154

Booking Name: shankar

Hotel Name: Fairmont Chicago

Booking Date: 12/02/2017

Room Type: Executive Suite

CANCEL BOOKING

Email ID: admin@hotel.com

Number of Rooms: 2

Total Amount: 1798.0

Booking ID: 18947

Booking Name: Amitendra

Hotel Name: Park Hyatt

Booking Date: 11/16/2017

Room Type: Deluxe

CANCEL BOOKING

Email ID: admin@hotel.com

Number of Rooms: 1

Total Amount: 210.0

Booking ID: 11568

Booking Name: Test1

Hotel Name: The Peninsula

Booking Date: 11/17/2017

Room Type: Executive Suite

CANCEL BOOKING

Email ID: admin@hotel.com

Number of Rooms: 1

Total Amount: 1798.0

6.0 Conclusion:

This website hoteldeals.com is flexible and dynamic for any user to easily book, cancel and view the reservations. This can be extended for future purposes where we can include more data analysis for the Admin and provide better deals and hotels to the users.