

Case Study: Hotel reservation

Capabilities used

- HTML5 and CSS3
- RWD
- Bootstrap
- JSON
- jQuery
- AngularJS

Features:

Hotel reservation application should allow user to search for a hotel, view hotel details and do booking. Application should also allow user to view all reservations done by users.

Screen 1:

Hotel Booking Application

Hotel Search

View Reservations

Hotel Search

Search:

a

Maximum results to display

3

Hotel Details

Name	Address	City, State	Action
Westin Diplomat	3555 S. Ocean Drive	Hollywood, FL	View hotel
Jameson Inn	890 Palm Bay Rd NE	Palm Bay, FL	View hotel
Marriott Courtyard	Tower Place, Buckhead	Atlanta, GA	View hotel

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Menu has to links “Hotel search” and “View Reservations”.

Screen details:

- a) Search: Hotels are filtered and displayed by “Hotel Name” based on search criteria. Search character can be in any part of hotel name, for example “a” is found in “Westin Diplomat”, “Jameson Inn”, and “Marriott Courtyard”. If user types “Ma”, then only “Westin Diplomat”, and “Marriott Courtyard” should be displayed.
- b) Maximum results to display: Drop-down to specify how many records should be displayed per page. Remaining records are paginated using “>>” next and “<<” previous buttons.
- c) “View hotel”: clicking on this hyperlink details of that hotel is displayed as shown below in screen 2.

Screen 2:

Hotel Booking Application

Hotel Search

View Reservations

Hotel Search

Search:

a

Maximum results to display

3

Name	Address	City, State	Action
Westin Diplomat	3555 S. Ocean Drive	Hollywood, FL	View hotel
Jameson Inn	890 Palm Bay Rd NE	Palm Bay, FL	View hotel
Marriott Courtyard	Tower Place, Buckhead	Atlanta, GA	View hotel

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Hotel Details

Westin Diplomat

3555 S. Ocean Drive

Hollywood, FL, 33019, USA

Rate: \$189.00

Email

banu_prakash@mindtree.com

Check-in Date

20-1-2015

Check-Out Date

25-1-2015

Place Reservation

Once User enters “email”, “Check-in Date” and “Check-out Date” and clicks on “Place Reservation” details has to be stored in a separate arrays as reservation JSON data. Reservation details should contain “Name of Hotel”, “email”, “Check-in Date” and “Check-out Date”.

Screen 3:

Clicking on “View Reservations” all the reservations placed has to be displayed as shown below:

Hotel Booking Application

Hotel Search

View Reservations

Hotel Reservation details

Hotel	Email	Check-in Date	Check-out Date
Westin Diplomat	banu_prakash@mindtree.com	20-1-2015	25-1-2015
Marriott Courtyard	karthik_prakash@mindtree.com	22-3-2015	2-4-2015