

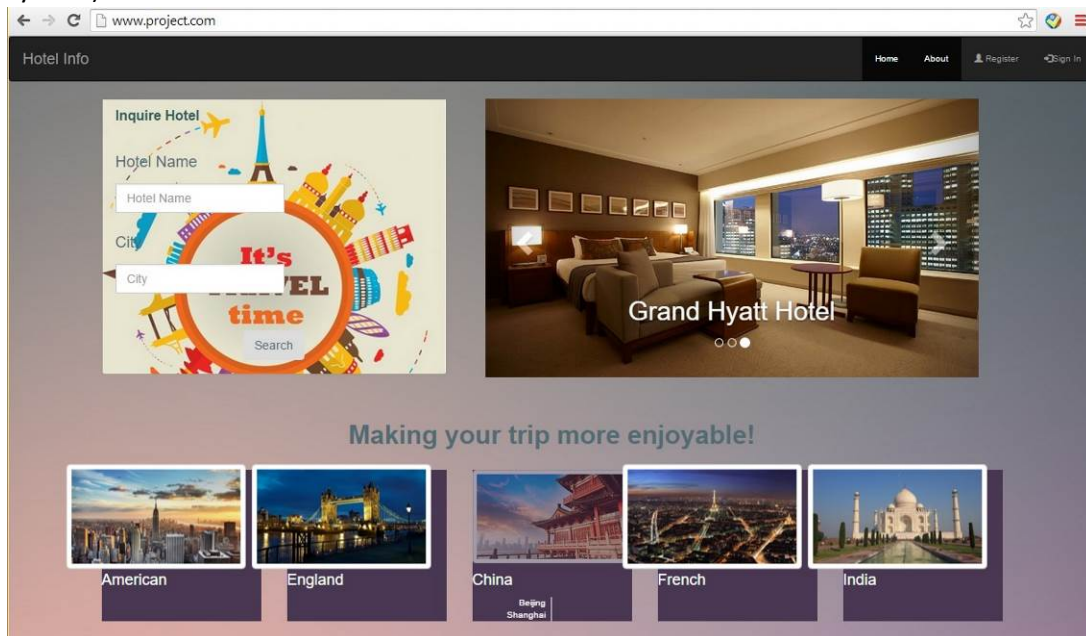
Website: Hotel Searching

Description:

This is a hotel search website, it includes hotel search, user register and user login function, etc.

Process:

- a. Design framework Apache (virtual host), PHP (server-script language), Windows (Operating system).



- b. For client-side design part, I choose to use responsive web design that makes web page look good on all devices such as tables, phones, and desktops. At result, I use bootstrap to complete this part.
- c. For the front-end UI part, I have used HTML5, CSS, JavaScript, JQuery, and bootstrap technologies to design each page layout.
- d. For client-side to enhance user interactivity, I have used JQuery and Ajax to update a web page, check business rules and validate form without reloading this page.

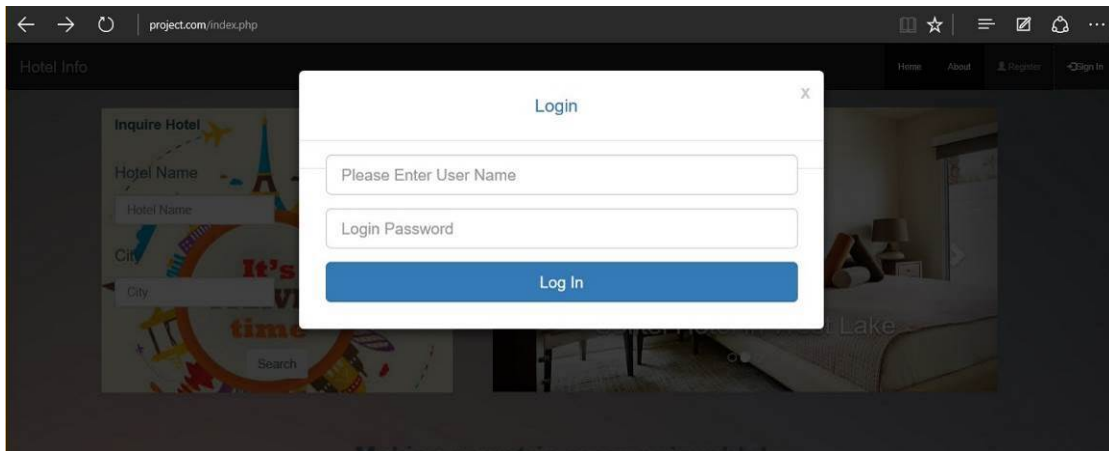


Image01- LogIn Page

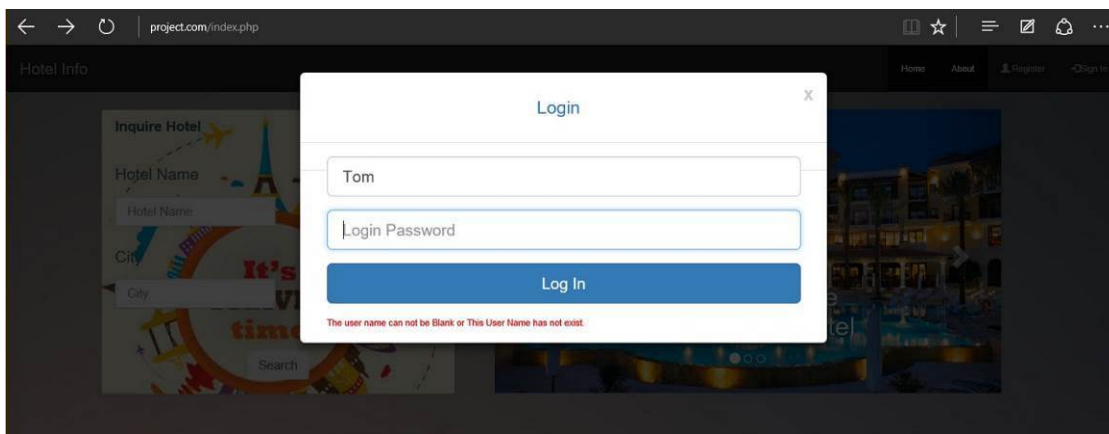


Image02-Login UserName Check(AJAX)

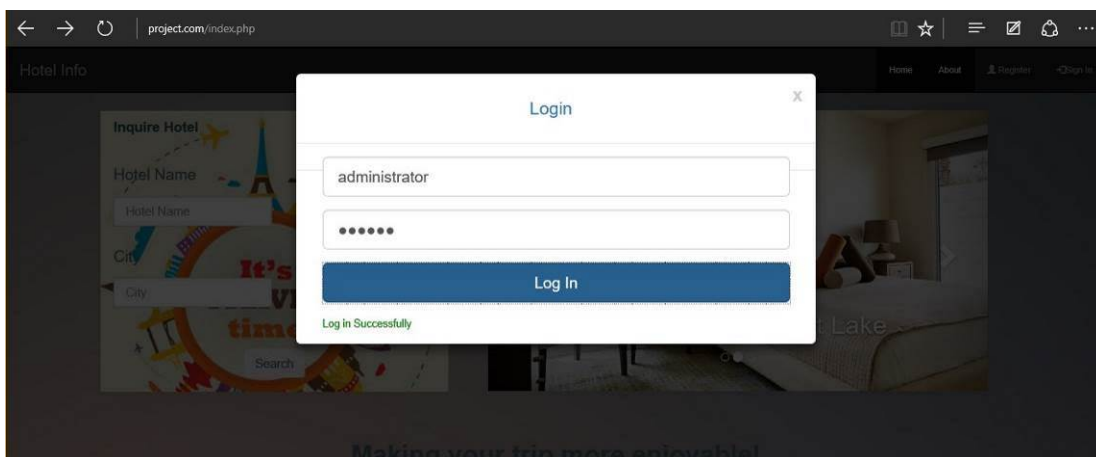
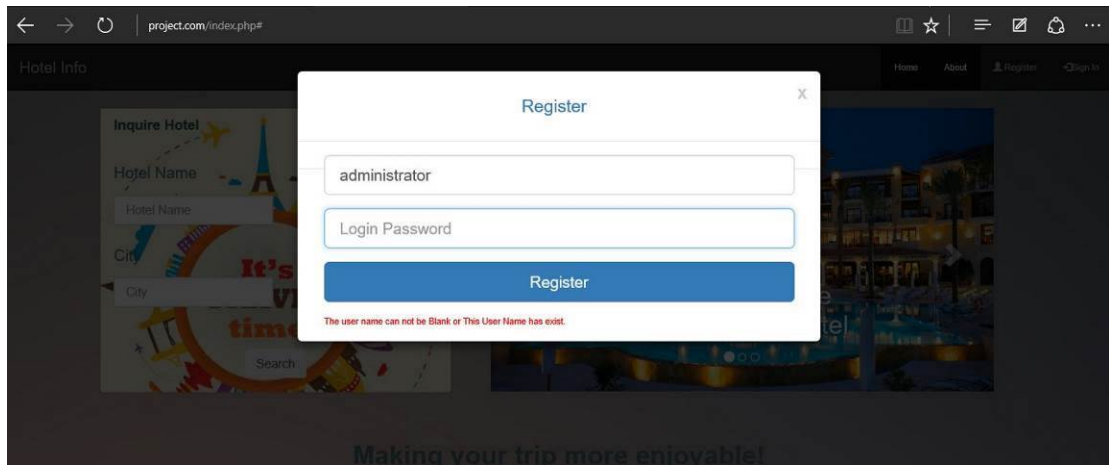


Image03-LogIn – OK



Result Grid				
Filter Rows: [] Edit: [] Export/Import: [] Wrap				
	User_ID	User_Name	Pass_Word	SecurityLevel_ID
▶	1	administrator	e10adc3949ba59abbe56e057f20f883e	2
★	NULL	NULL	NULL	NULL

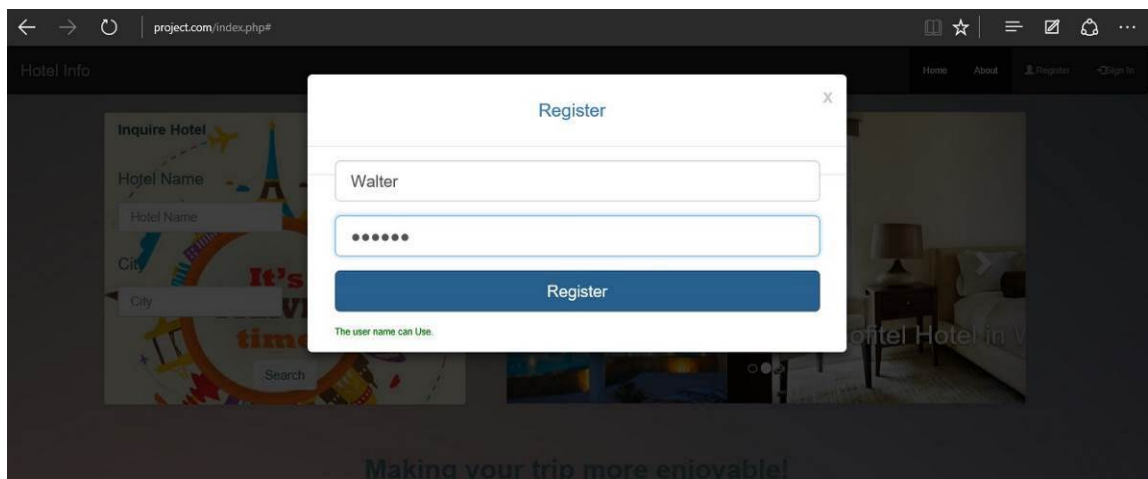
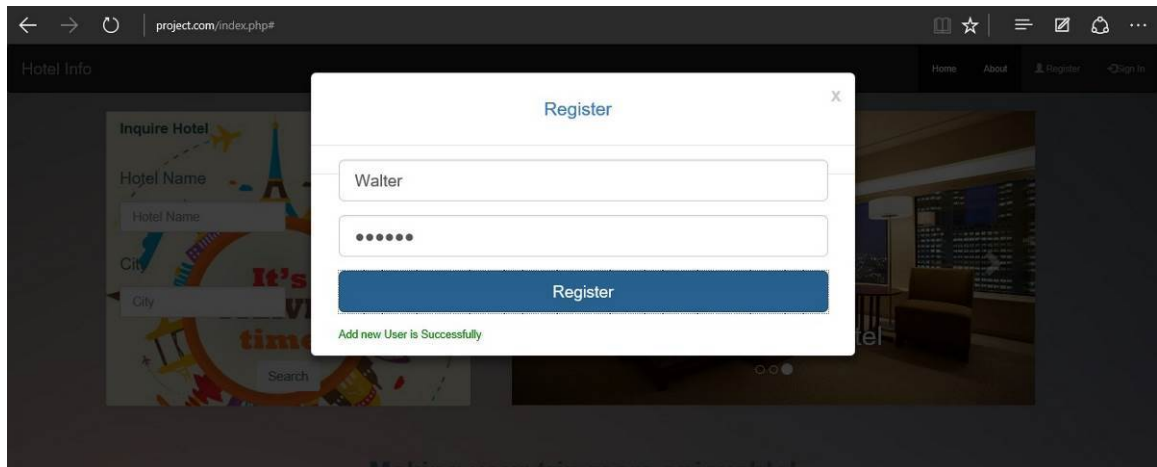


Image04-Register UserName Check (AJAX)



User_ID	User_Name	Pass_Word	SecurityLevel_ID
1	administrator	e10adc3949ba59abbe56e057f20f883e	2
2	Walter	e10adc3949ba59abbe56e057f20f883e	1
NULL	NULL	NULL	NULL

Image05 – Add new User-OK

- For Server-side design part, I have chosen PHP language to achieve the data transform between client-side and server-side.
- MySQL that is relational database is used to store and retrieve relevant information include hotel information and user's information.
- For server-side connect to database, I have chosen PDO that is server side scripting technology is used to allowing users to Login main page, add new user, search hotel info, modify and delete user by admin user account, etc.

Hotel Info

Home About Register Sign In

Inquire Hotel


Hotel Name

Hotel Name

City

Vancouver

Search



Making your trip more enjoyable!

American

England

China

French

India

project.com/list.php?page=2

Hotel Info

Home About visitor Go Back

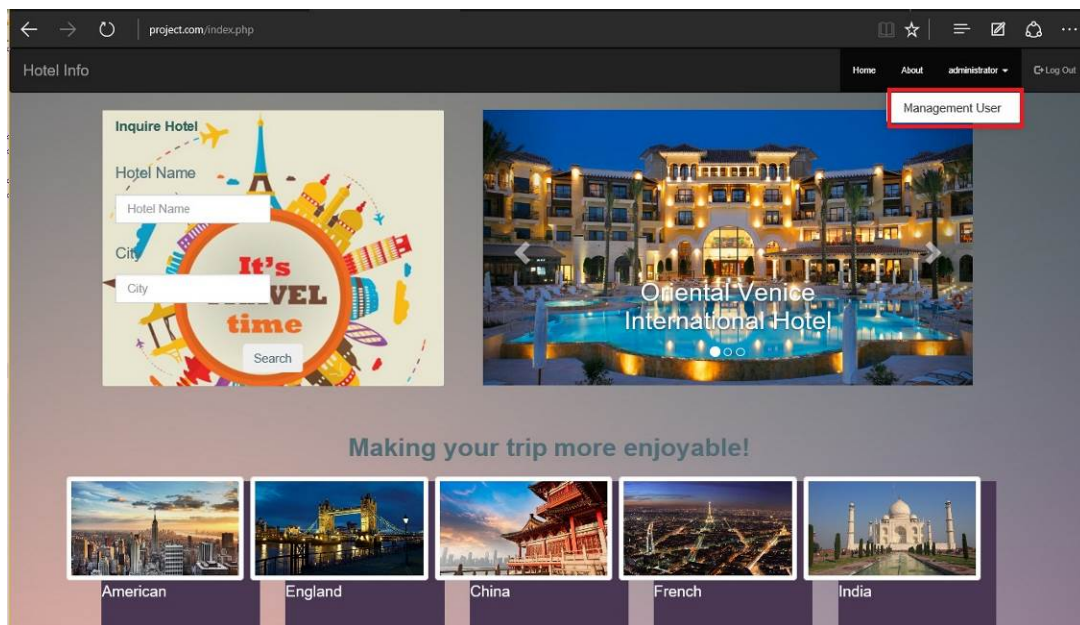
Id	Hotel Name	Hotel Rating	Country	City	Free Romm
22	Severn View Hotel	8.7	England	Worcester	10
23	The Pear Tree Inn&Country Hotel	8.5	England	Worcester	15
24	The Dewdrop Inn	8.8	England	Worcester	2
25	Diglis House Hotel	9.4	England	Worcester	6
26	Pitmaston Apartments	9.1	England	Worcester	0

Have 14 Records , Each page display 5 record , Total 3 Page 2 Page , Previous Page , Next Page

Each page has 5 record, and can goto Next page and last page

Result Grid						
Filter Rows:		Edit:		Export/Import:		Wrap
HotelInfo_ID	Hotel_Name	Hotel_Rating	Country	City	free_room	
1	Coast Coal Harbour Hotel	8.8	Canada	Vancouver	2	
2	Rosewood Hotel Georgia	9.4	Canada	Vancouver	6	
3	Four Seasons Resort Whistler	9.1	Canada	Whistler	0	
4	Grand Hotel & Suites	9.4	Canada	Toronto	5	
5	BCMInns-Hinton	8.6	Canada	Hinton	20	
6	The Quin	8.7	USA	New York City	10	
7	The London NYC	8.5	USA	New York City	15	
8	Villas at Pelican Hill	9	USA	Newport Beach	10	
9	Sofitel London Heathrow	9	England	Heathrow	0	

Image06 – Searching Hotel Information



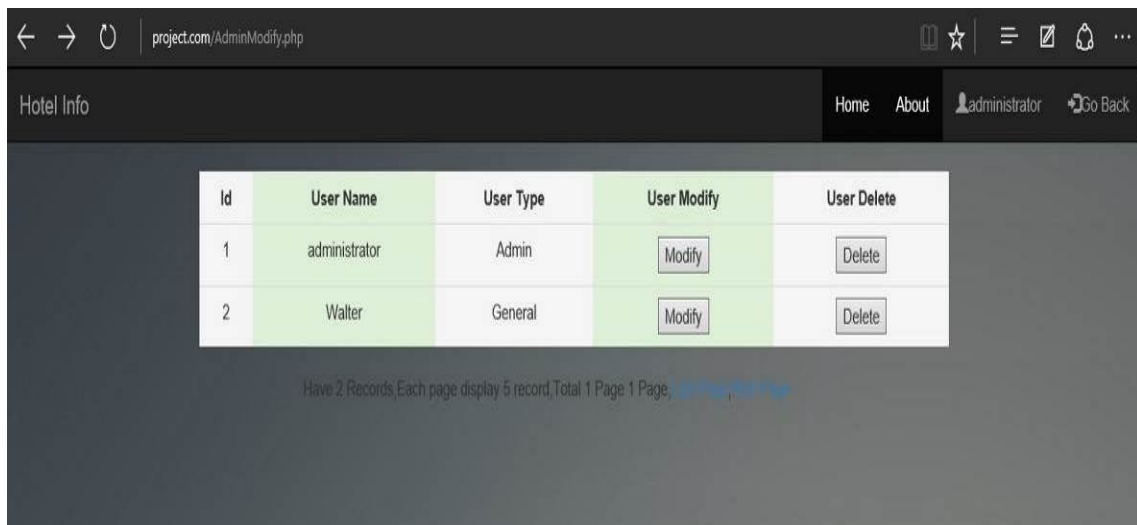


Image07 – Admin to manage users

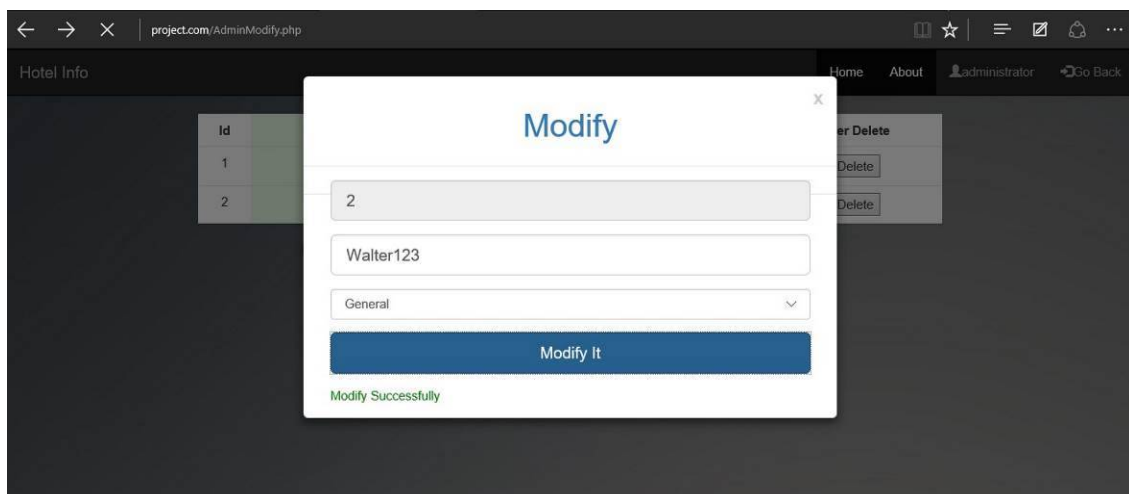


Image08 – Modify - Ok

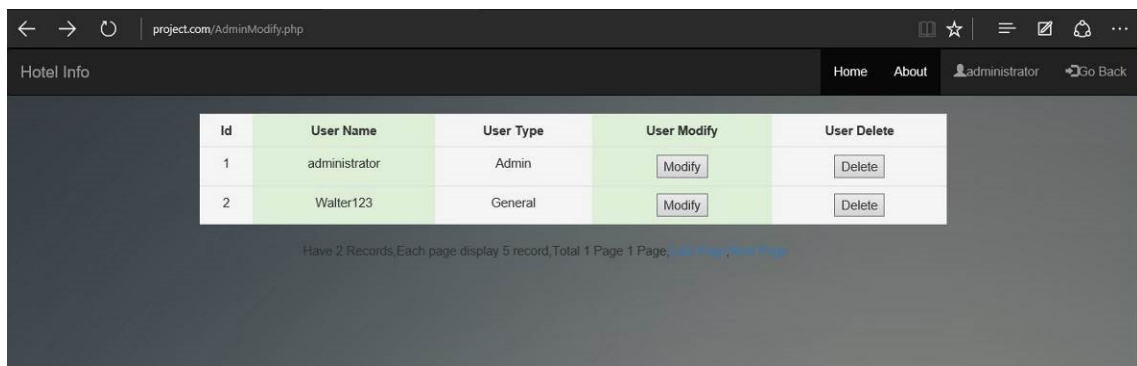
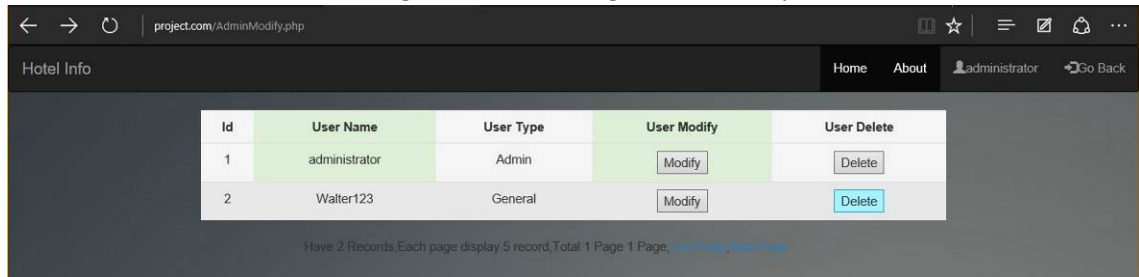


Image09 – refresh Page After Modify



Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap

	User_ID	User_Name	Pass_Word	SecurityLevel_ID
▶	1	administrator	e10adc3949ba59abbe56e057f20f883e	2
★	NULL	NULL	NULL	NULL

Image10 – Delete User without Confirm

- h. Implementation of security feature, I have chosen MD5 to encrypt user password.
- i. This website can use IIS to publish with route as personal server for test.