Website: Hotel Searching
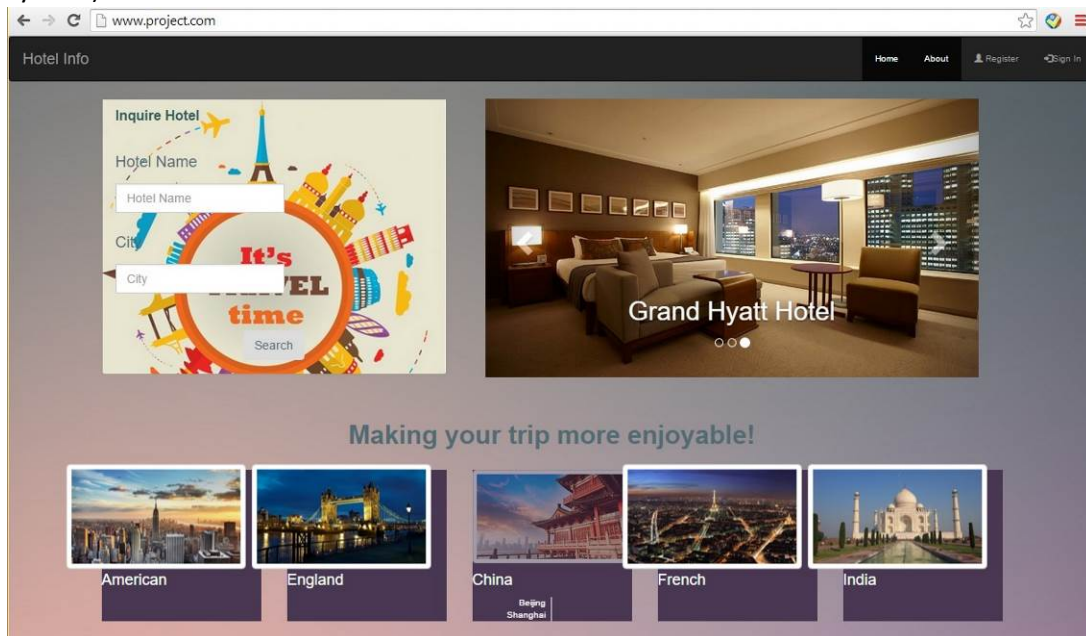
Description:

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.
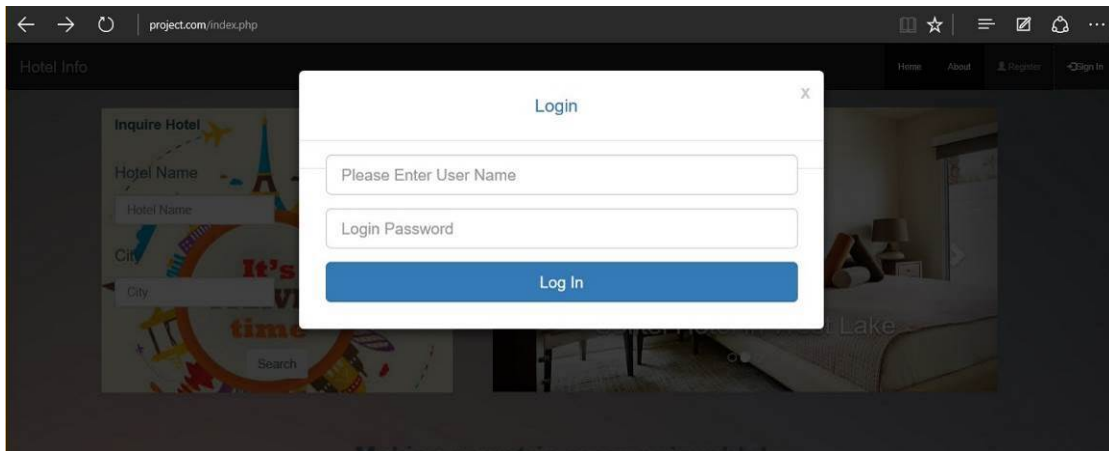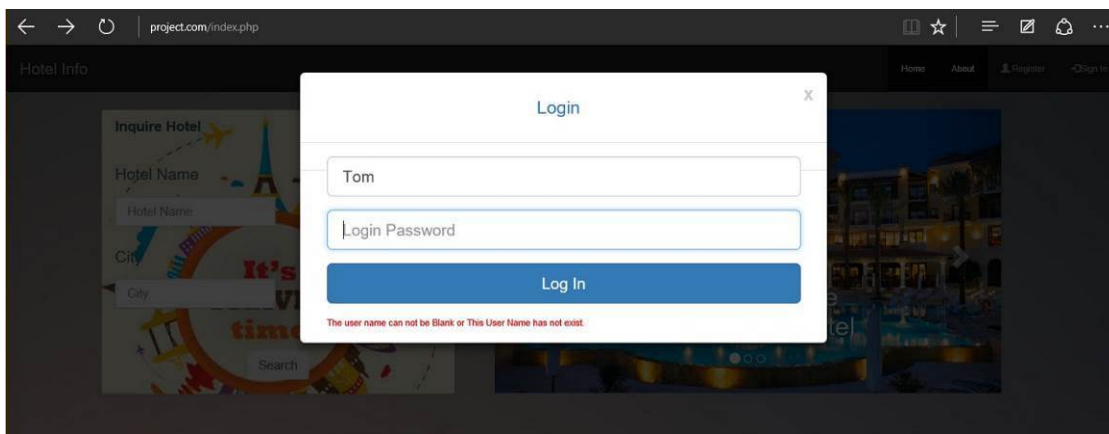
Image01- LogIn Page

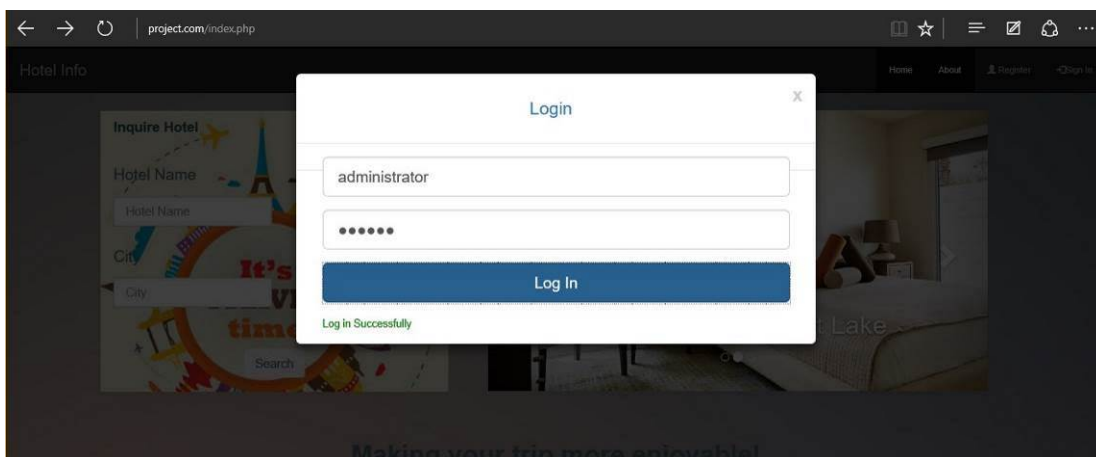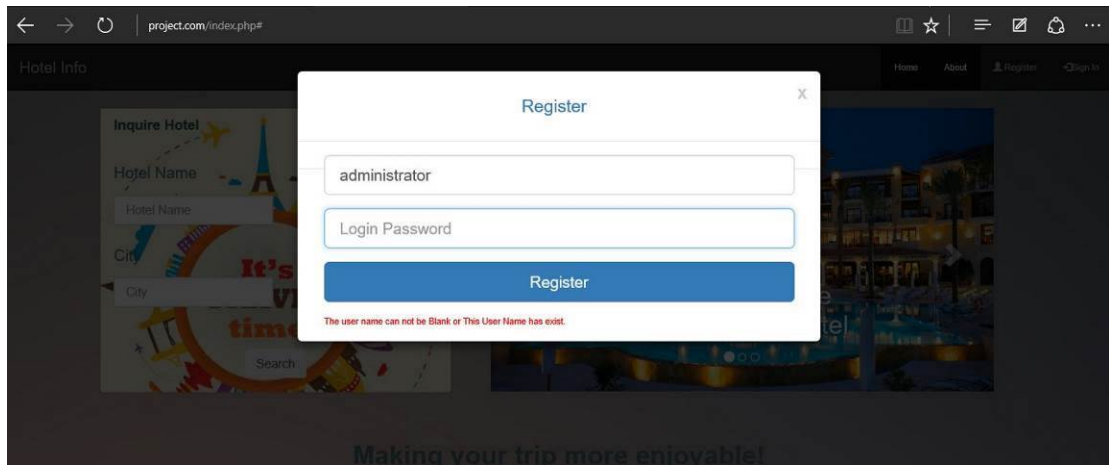

Image02-Login UserName Check(AJAX)

Image03-LogIn – OK

Image04-Register UserName Check (AJAX)
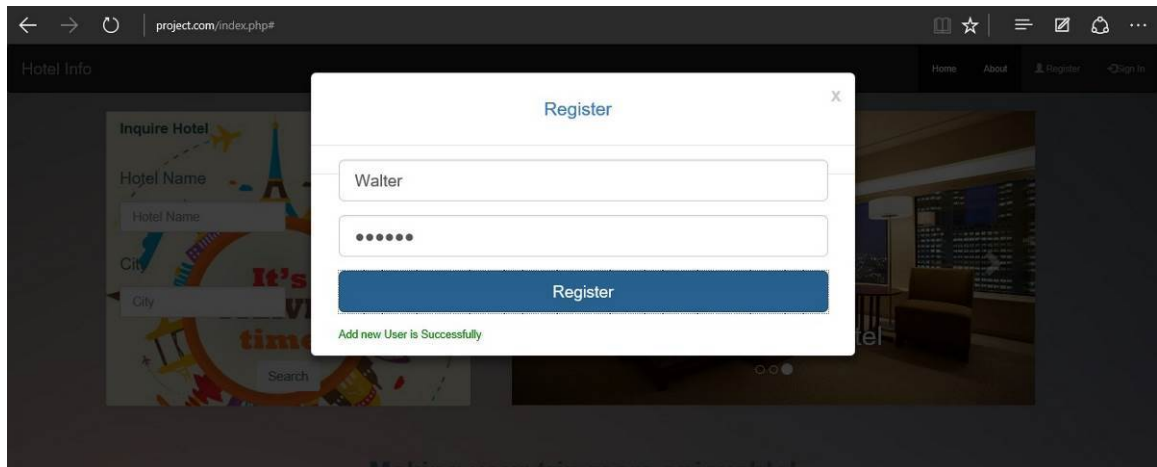
Image05 – Add new User-OK

e. For Server-side design part, I have chosen PHP language to achieve the data transform between client-side and server-side.

f. MySQL that is relational database is used to store and retrieve relevant information include hotel information and user's information.

g. 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.

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

|	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	Healthrow	0

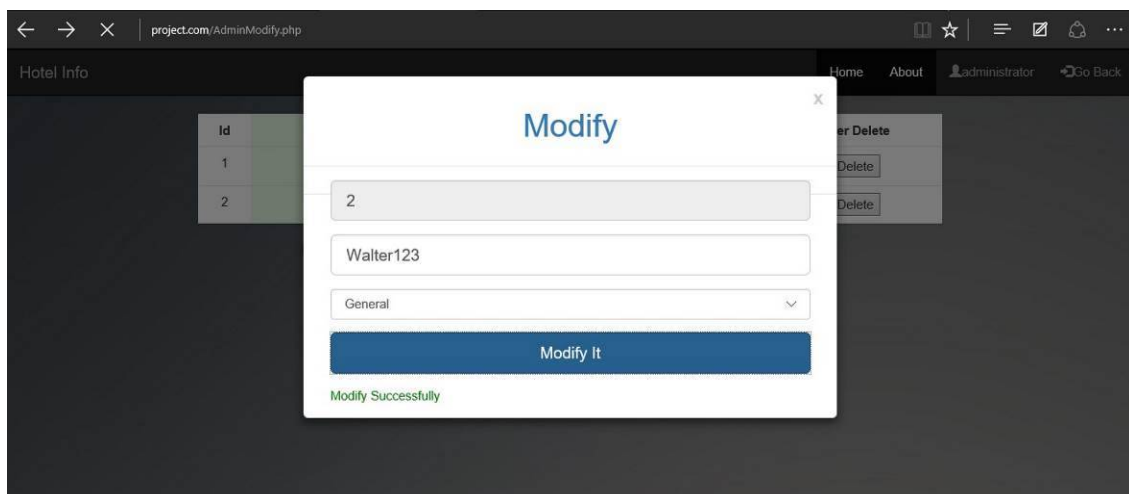Image06 – Searching Hotel Information
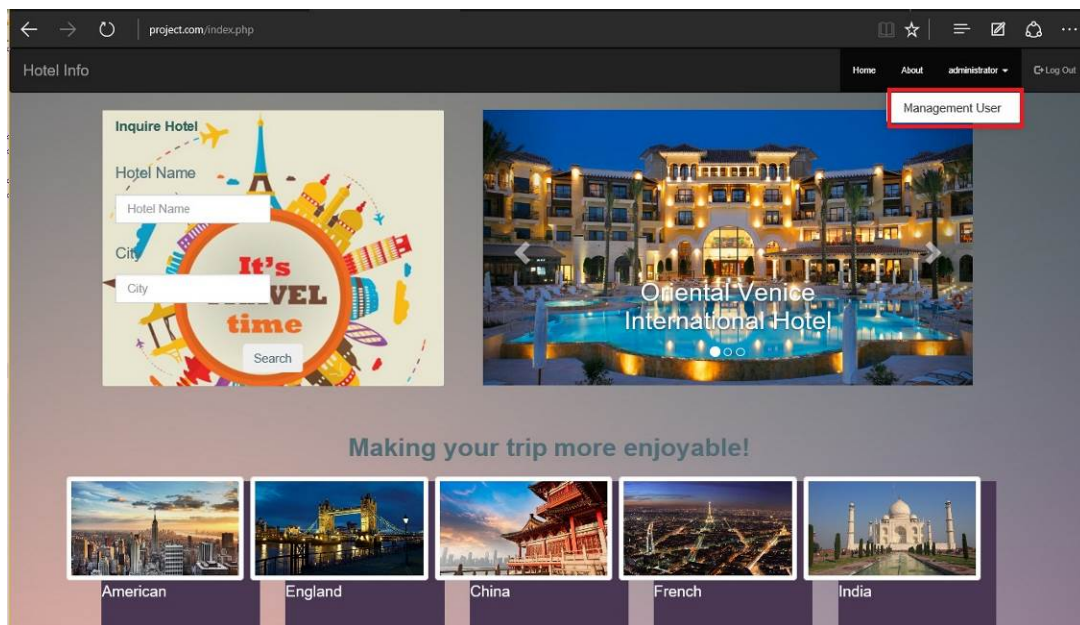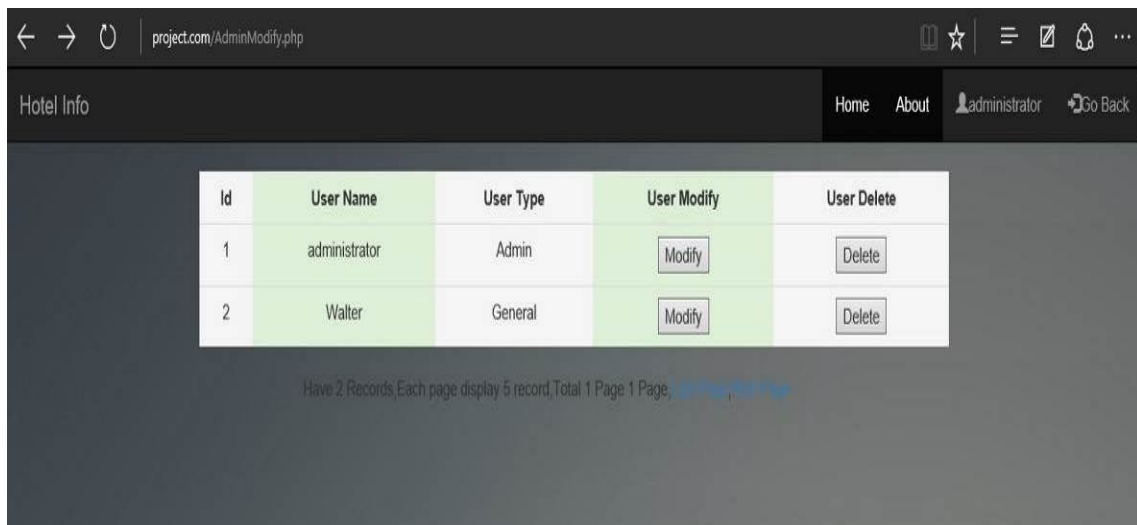
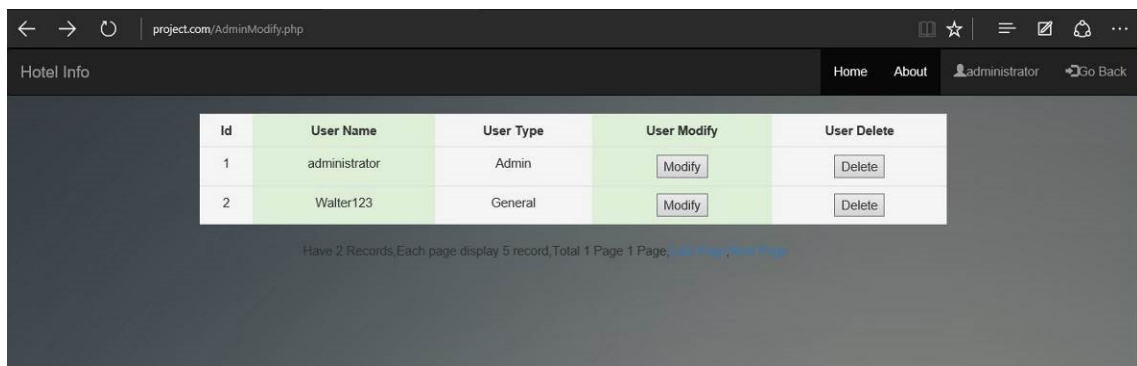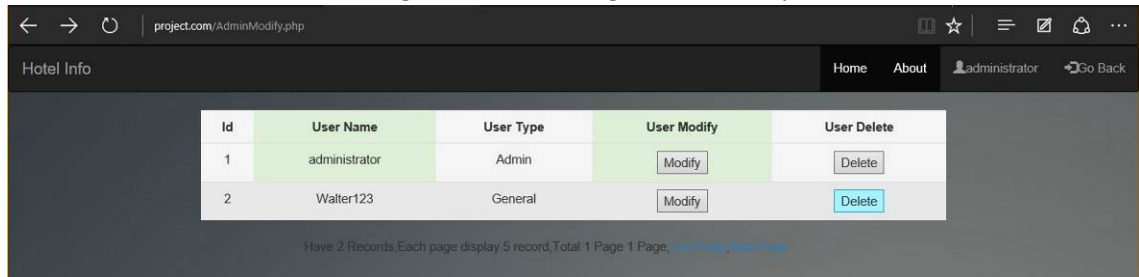Image07 – Admin to manage users

Image08 – Modify - Ok

Image09 – refresh Page After Modify

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.