

## Group 32. PDF

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### Contributions:

JavaScript & Go by Eli Minkin  
HTML & CSS by Mohaymen Ahmed & Thomas Allen  
mySQL Workbench Queries by Arkady Shapir

### *Instructions for Running:*

*Need Golang **Version 1.9 absolutely necessary***

*create directory in home folder /go. Inside create /src. Inside git clone this repository or paste the code. So the structure should be /go/src/HultonHotels with all of our code inside it*

### *Setting up the database:*

*- mysql -u root -p to access the shell. Enter your root password.*

#### *SQL:*

*create database Hulton;  
use Hulton;  
source ...../createHotelsDB.sql (you should include the absolute path of this file. For me its /home/eminkin/go/src/HultonHotels/createHotelsDB.sql)*

*That should fill the database. Then, create a user and grant him privileges on the database*

*GRANT ALL PRIVILEGES ON \*.\* TO 'viewer'@'localhost' IDENTIFIED BY 'Rutgers568\$';*

*That's it for setting up the database.*

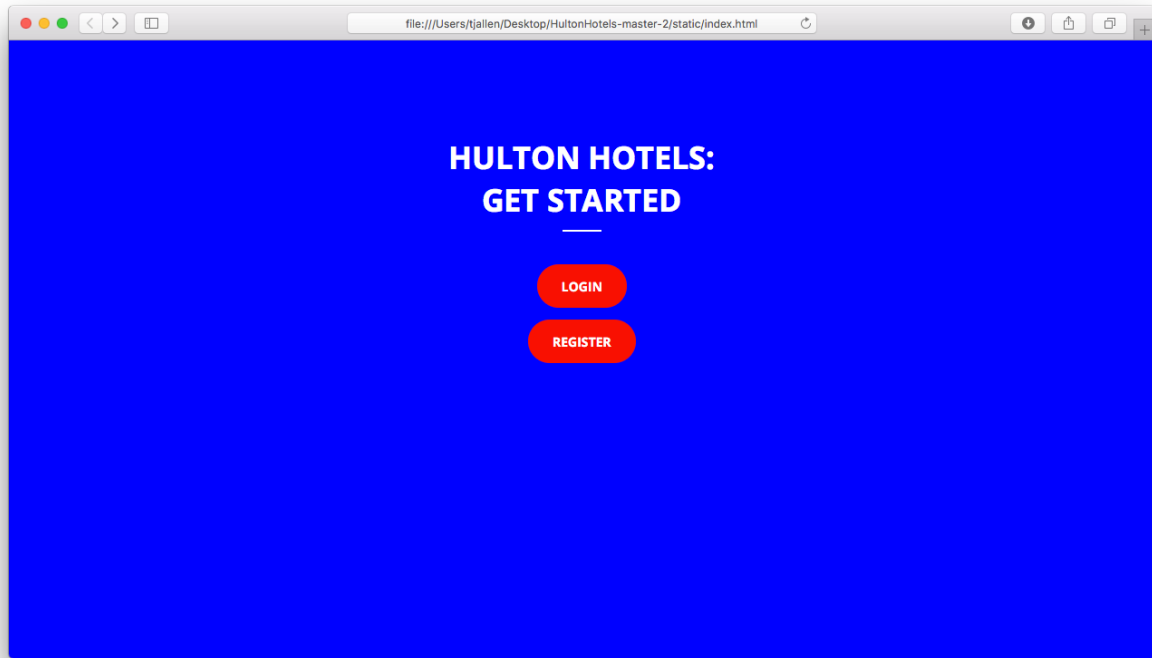
*Go into the /go/src/HultonHotels folder and run 'go build'*

*This should build the executable. Then run the executable which will be called HultonHotels.*

*./HultonHotels on linux or mac, and HultonHotels on windows*

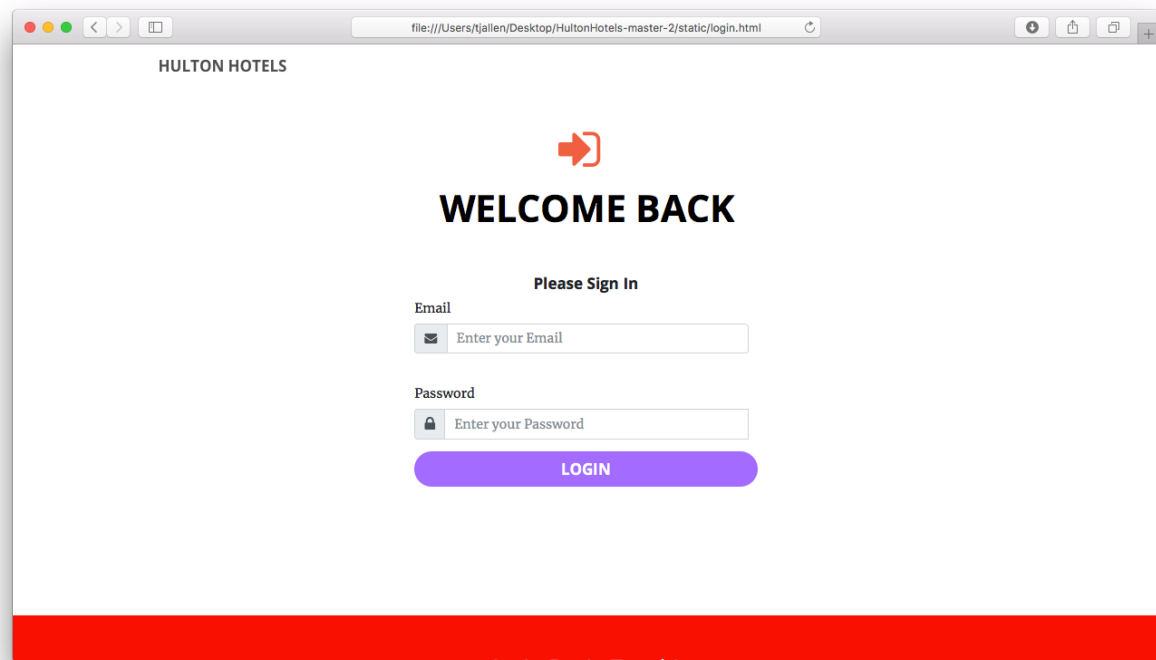
*Any questions please reach out to me at (201)496-9463 or ebm74@scarletmail.rutgers.edu*

Index.html:



Our website begins with the page index.html where the user can choose to either login using their existing account information or they can choose to register and create an account. The Login button brings you to our login page (login.html) and the Register button brings you to the page where users can register an account (register.html).

Login.html:



HULTON HOTELS

WELCOME BACK

Please Sign In

Email

Enter your Email

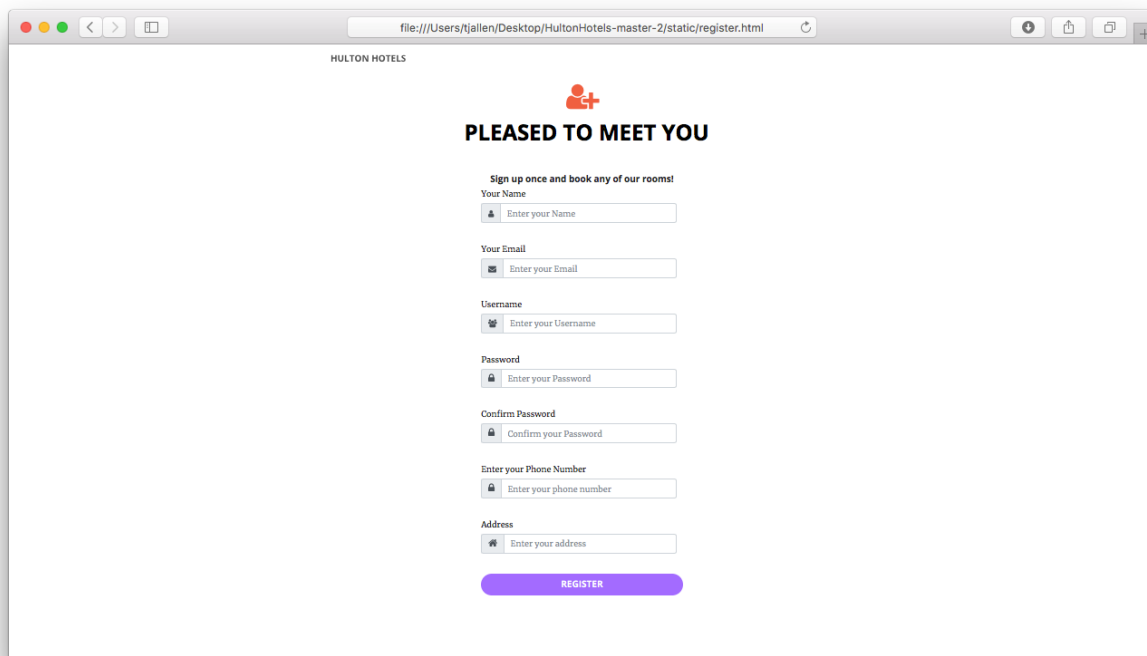
Password

Enter your Password

LOGIN

When you click the Login button from index.html you are taken to the page login.html, this is the page where the user can log into their account using a valid email address and password. Login verification was done using javascript and the user must enter a valid email address that consists of any number of characters, followed by the “@” symbol, followed by any number of characters, followed by “.” then again with any number of characters. For example, [“example@email.com”](#) would be valid while “example@%^(#com” would not be valid.

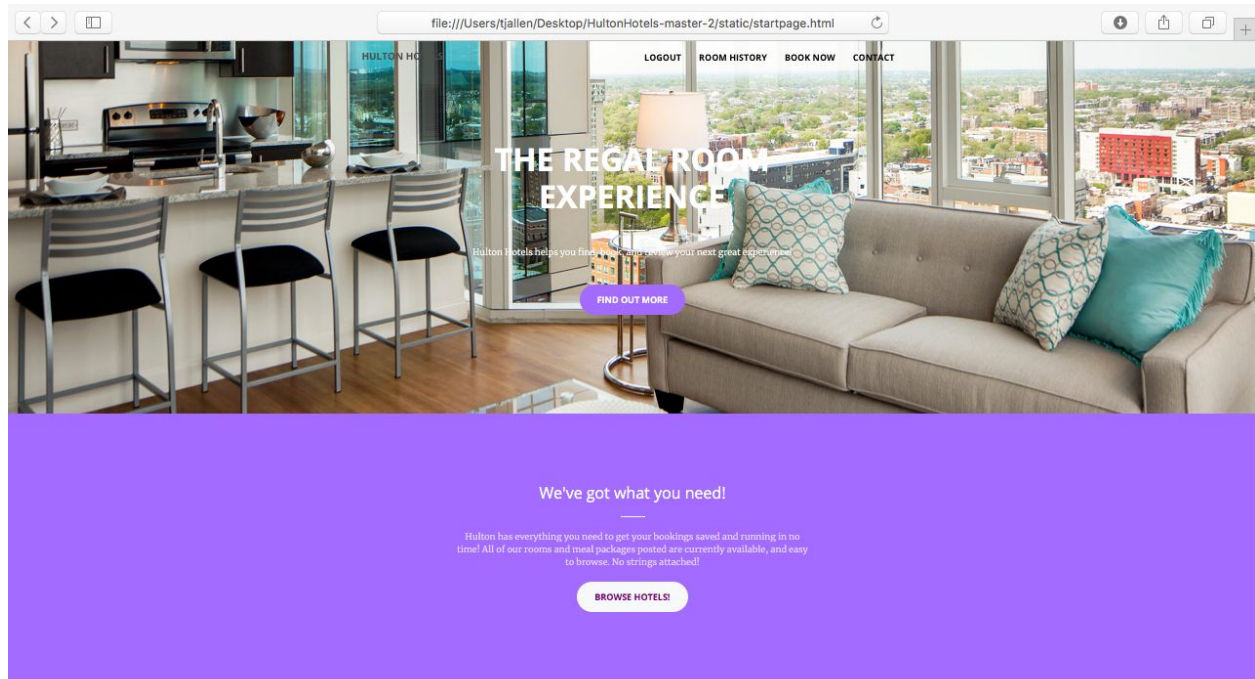
Register.html:



The screenshot shows a web browser window with the address bar displaying `file:///Users/njallen/Desktop/HultonHotels-master-2/static/register.html`. The page title is "HULTON HOTELS". The main heading is "PLEASSED TO MEET YOU" with a red icon of two people. Below this is a subheading "Sign up once and book any of our rooms!". The form consists of several input fields, each with a label and a placeholder text: "Your Name" (placeholder: "Enter your Name"), "Your Email" (placeholder: "Enter your Email"), "Username" (placeholder: "Enter your Username"), "Password" (placeholder: "Enter your Password"), "Confirm Password" (placeholder: "Confirm your Password"), "Enter your Phone Number" (placeholder: "Enter your phone number"), and "Address" (placeholder: "Enter your address"). Each field has a small icon to its left. At the bottom of the form is a purple button labeled "REGISTER".

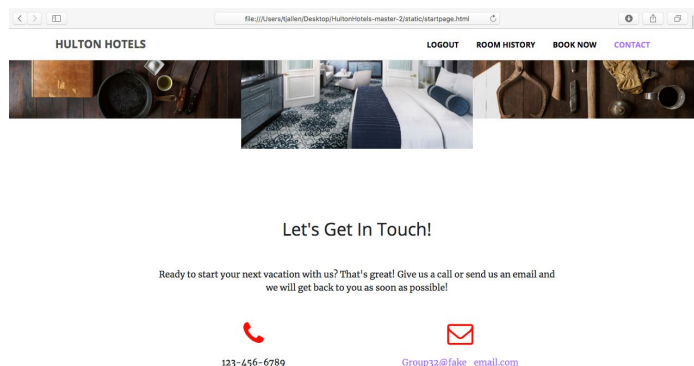
When you click the Register button from index.html you are taken to the page register.html and it is on this page where a new user is asked to input the information needed to create an account with Hulten Hotels. On this page the user is prompted to enter their name, email, phone number, and address. They are also asked to create a username and password. When filling out the form the name field cannot be less than three characters and the email must be in valid email address format (example@email.com) just like it is for login.html. The username and password they create must be five or more characters and the confirm password must be the same as the password they create in the previous field. If these verifications on the form are not met the user is prompted to enter information in the correct format. When the user has filled out all the fields in the correct format they will be allowed to register and then are taken to the home page. The backend ensures that no invalid inputs are accepted as this can cause the server to crash.

Startpage.html (zoomed out for screenshot):

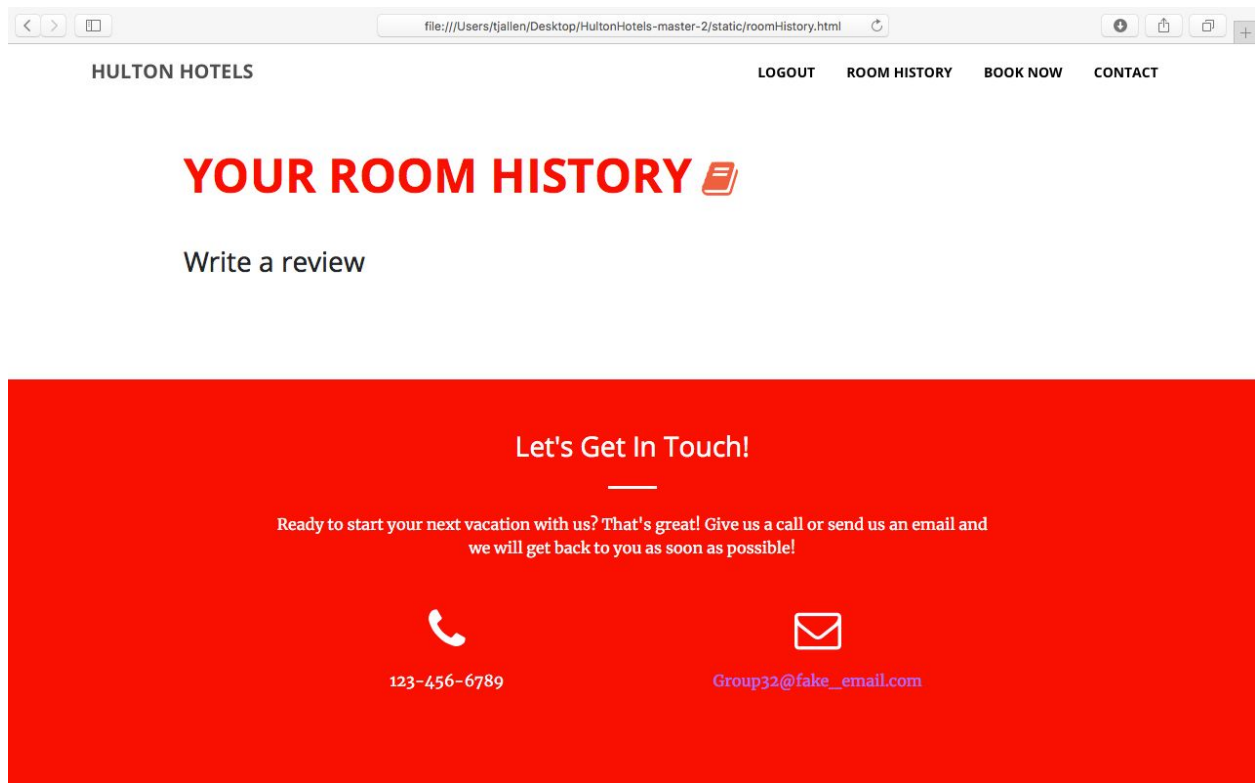


At Your Service

Startpage.html is the home page you are taken to after you either create an account or after you log in. Starting from the top, you can see our navigation bar with four buttons. These four buttons are Logout, Room History, Book Now, and Contact. The Logout button brings you back to index.html. The Room History button brings you to a page called roomHistory.html. Book Now brings you to a page called book.html and Contact brings you to the bottom of the webpage where we have listed a fake phone number and email address. The Find Out More button simply scrolls you down to the bottom of the page to put out Browse Hotels button in view. This button also takes you to book.html. As you scroll down you will see various images and our contact information. Here is a picture of the contact portion of the webpage: The Group32@fake\_email.com link creates an email message with this email address as the recipient.



RoomHistory.html:



When you click the Room History button in the navigation bar you are taken to roomHistory.html, it is here where a customer can view their history of rooms they have stayed in. Currently it is empty since this user has never Booked any rooms, so please Book A Room, THEN go to Room History! The navigation bar is included at the top, the Logout button brings you back to index.html. The Room History button does nothing since you are already on roomHistory.html. Book Now brings you to a page called book.html and Contact brings you to the bottom of the webpage where we have listed a fake phone number and email address.

Book.html:

HULTON HOTELS

LOGOUT ROOM HISTORY BOOK NOW CONTACT

## BOOK HOTELS

Please Select A State

Alabama

SHOW ROOMS

### Let's Get In Touch!

Ready to start your next vacation with us? That's great! Give us a call or send us an email and we will get back to you as soon as possible!

When you hit the Book Now button in the navigation bar or the Browse Hotels button on the home page you are taken to book.htm. This is the pagel where the user can select what state they want to stay in from the dropdown list and the Show Rooms button will show them hotels in the selected state. Again, the navigation bar is included and similarly the Logout button brings you back to index.html. The Room History button brings you to roomHistory.html. Book Now does nothing since you are already on book.html and Contact brings you to the bottom of the webpage where we have listed a fake phone number and email address. After selecting a state, hit SHOW ROOMS. If no rooms appear, this is because there are no rooms and no hotels available in the Database. Alabama, New Jersey, New York, Arizona, California, Arkansas, Colorado, and Pennsylvania are the states that have rooms for you to book.

Confirmation.html:

The screenshot shows a web browser window displaying the 'Confirmation.html' form. The browser's address bar shows the file path: 'file:///Users/tjallen/Desktop/HultonHotels-master-2/static/confirmation.html'. The page has a header with 'HULTON HOTELS' and a navigation bar with links: 'LOGOUT', 'ROOM HISTORY', 'BOOK NOW', and 'CONTACT'. The form itself is titled 'HULTON HOTELS' and contains the following fields and options:

- Hotel Name:
- Description:
- Room #:
- Price \$:
- Start Date: YYYY-MM-DD
- End Date: YYYY-MM-DD
- Breakfast Option: Vegetarian
- Service Option: Premium Service (Cleaning, Laundry, Spa)
- Credit Card type: American Express
- Credit Card number: Enter your credit card number
- Name on Card: Enter Name
- Credit Card expiration date: YYYY-MM-DD
- Credit Card Security Code: Enter your credit card security code
- Enter your Billing Address: e.g. 1600 Pennsylvania Ave.

A 'SUBMIT RESERVATION' button is located at the bottom of the form.

Confirmation.html is where the customer will actually fill out the information needed to book a given room. At the top of the page the Hotel Name, room description, room number, and price will be shown. The customer is asked to fill out the start date and end date of their stay. Code on the backend makes sure these dates are valid and do not overlap. Then the user picks a breakfast option and a service type with the room. Breakfast types include regular, vegetarian, and vegan. Service types include premium, regular, or no service. The user is then asked to verify their credit card information starting with credit card type, types include American Express, Visa, Mastercard, and Discover. A credit card number must be given in the correct format given the type selected. For example, card numbers must match given types in the following fashion:

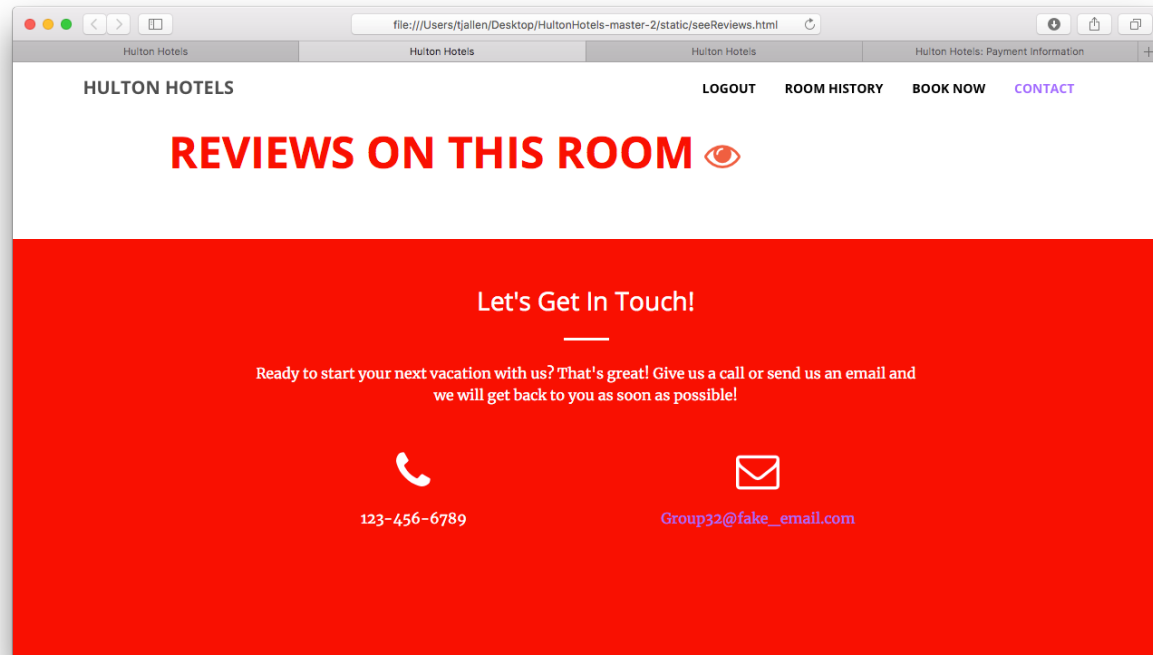
- American Express :- Starting with 34 or 37, length 15 digits.
- Visa :- Starting with 4, length 13 or 16 digits.
- MasterCard :- Starting with 51 through 55, length 16 digits.
- Discover :- Starting with 6011, length 16 digits or starting with 5, length 15 digits.

Name on card must be given as well as billing address. The credit card expiration date must be in the correct format given on the form and the date given should not have passed given the current date. The security code must be a 3 or 4 digit number given the selected card type.



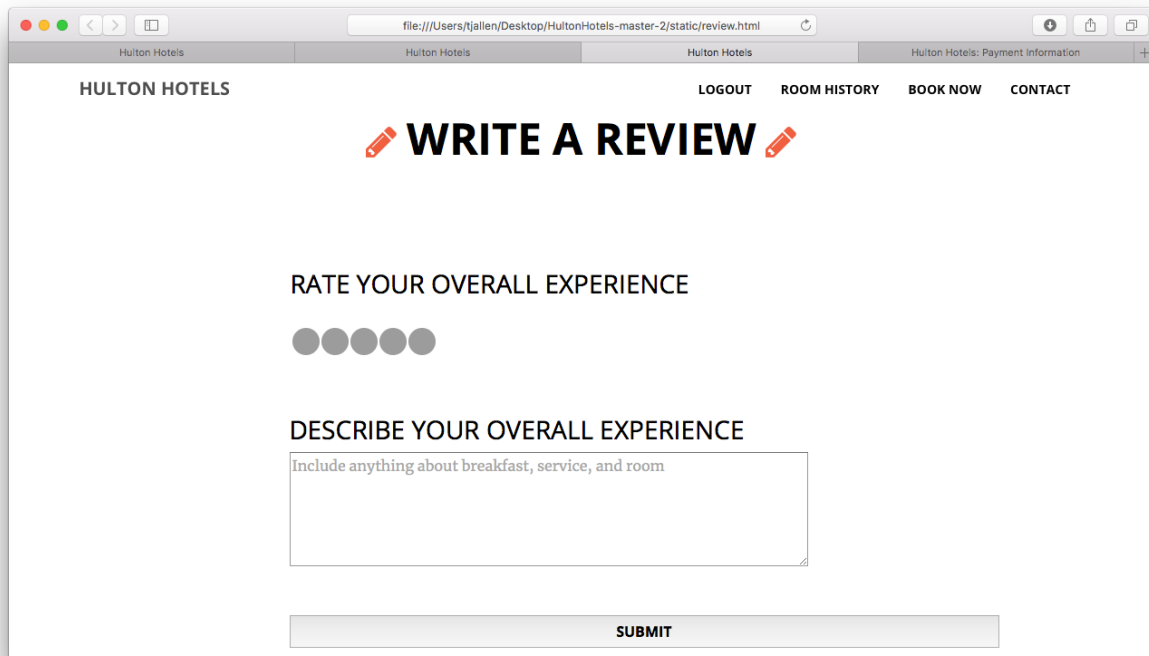
Last, the Submit Registration button submits the form. The back-end ensures that no invalid inputs are sent by the user. The navigation bar is included at the top of the page and the Logout button brings you back to index.html. The Room History button brings you to roomHistory.html. Book Now brings you to book.html and Contact brings you to the bottom of the webpage where we have listed a fake phone number and email address.

SeeReviews.html:



SeeReviews.html is the page where the customer can see past reviews from other customers on a given room. Reviews are not written on this page they are only viewed. The navigation bar is included on this page as well, the Logout button brings you back to index.html. The Room History button brings you to roomHistory.html. Book Now brings you to book.html and Contact brings you to the bottom of the webpage where we have listed a fake phone number and email address.

Review.html:



The screenshot shows a web browser window with the address bar displaying `file:///Users/tjallen/Desktop/HultonHotels-master-2/static/review.html`. The browser has three tabs, all titled "Hulton Hotels". The active tab shows a form for writing a review. The form has a navigation bar at the top with links: "HULTON HOTELS", "LOGOUT", "ROOM HISTORY", "BOOK NOW", and "CONTACT". The main heading is "WRITE A REVIEW" flanked by two red pencil icons. Below this is the section "RATE YOUR OVERALL EXPERIENCE" with five gray circular rating buttons. The next section is "DESCRIBE YOUR OVERALL EXPERIENCE" with a text box containing the placeholder text "Include anything about breakfast, service, and room". At the bottom of the form is a "SUBMIT" button.

Review.html is where the customer can rate their experience with the hotel and write a review based on their stay at Hulton Hotels. The user can rate the experience on a scale from 1 to 5, 1 being unsatisfactory and 5 being very satisfactory. Then the user can write a review in the text box given. Once completed the review can be submitted and viewed on the seeReviews.html page for the given room. The navigation bar is included, the Logout button brings you back to index.html. The Room History button brings you to roomHistory.html. Book Now brings you to book.html and Contact brings you to the bottom of the webpage where we have listed a fake phone number and email address.