Team4 - Seattle Travel Kit

Welcome to Seattle Travel Kit

Your One-Stop Compass for Exploring the Evergreen City

| Credit Cards | Attractions | Restaurants | Hotels | Crimes | Attraction Reviews | Restaurant Reviews | Hotel Reviews |

Search for User by UserName

UserName [   ]

Submit

Create User

Matching User

No User Found.

1.Users

Search for User by UserName

UserName [zoe99]

[Submit]

Displaying results for zoe99

[Create User](#)

Matching User

UserName	Email	Password	First Name	Last Name	Phone	Delete User	Update User
zoe99	riosbarbara@yahoo.com	%N2W2IxV_^	Johnathan	Fields	8381741124	Delete	Update

- Search for User by UserName:

This web page provides a 'read' operation for user information from a database. By entering a username, such as 'zoe99', and clicking "Submit", the database is queried to retrieve and display the matching user's information including username, email, password, first name, last name, and phone number. There are also options to delete or update the user's information.

← → C ⓘ localhost:8080/SeattleTravelKit/userUpdate

Update Password for User
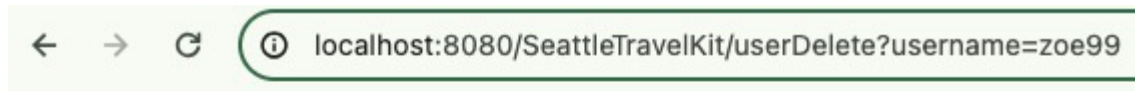
UserName [zoe99]

New Password [   ]

[Submit]

Successfully updated zoe99
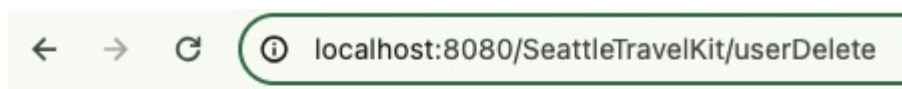
- Update Password for User:

This page facilitates the 'update' operation for a user's password in the database. A username is provided, which specifies which user's password will be updated, and then a new password is entered into the "New Password" field. Submitting the form triggers the

update process in the database, and confirmation of the successful password update for the user 'zoe99' is displayed.

Delete User

UserName zoe99

Submit

Successfully deleted zoe99

- Delete User:

This web page is designed for the 'delete' operation in the database. The user can enter a username, such as 'zoe99', and submit the form to delete the corresponding user's record from the database. A success message is displayed upon the completion of the operation, indicating the user 'zoe99' has been successfully deleted.

Create User

UserName team4

Email team4@northeastern.e

Password 5200

FirstName John

LastName Doe

Phone 12344321

Submit   Back

Successfully created team4

- Create User:

The "Create User" web page is designed to perform a 'create' operation in the database. On this form, the following user details can be entered: username, email, password, first name, last name, and phone number. After filling in this information, clicking the "Submit" button will add the new user record to the database. There is also a "Back" option, presumably to return to a previous page or cancel the operation.

2.Crime

Search for Crimes by ZipCode in Seattle

ZipCode 98121

Submit

Displaying results for 98121

Click here to view the top 10 safest ZipCodes in Big Seattle Area

Matching Crimes

CaseNumber	Address	ZipCode
C20001700	2600 Block 3RD AVE	98121
C20002294	BELL ST & 3RD AVE	98121
C20002469	BELL ST & 3RD AVE	98121
C20002749	200 Block BLANCHARD ST	98121
C20003730	LENORA ST & 2ND AVE	98121
C20004144	BATTERY ST & 3RD AVE	98121
C20005417	9TH AVE & LENORA ST	98121
C20007208	BELL ST & 3RD AVE	98121
C20007526	2600 Block 3RD AVE	98121
C20009107	500 Block VIRGINIA ST	98121
C20009285	CEDAR ST & 1ST AVE	98121
C20010142	4TH AVE & BELL ST	98121

- Search for Crimes by ZipCode in Seattle:

This interface performs a 'read' operation on a crimes database. The user inputs a zip code, such as '98121', to search for crimes recorded in that area. The database then returns a list of matching crimes, which includes case numbers, addresses, and the zip code. There is also a link provided to view the top 10 safest zip codes in the Big Seattle Area, suggesting additional functionality for safe area inquiries.

3.CreditCards

Search for CreditCards by Usernames

UserName sarah84

Submit

Displaying results for sarah84

[Create New CreditCards](#)

Matching CrditCards

UserName	CardNumber	Expiration	Delete CreditCard	Update CreditCard
sarah84	676333109418	01/32	"Delete	"Update

- Search for Credit Cards by Usernames:

This web page allows for a 'read' operation on credit card information associated with usernames. When a username, like 'sarah84', is entered and submitted, the database returns credit card information tied to that username, including card number and expiration date. It offers the ability to delete or update credit card information, representing 'delete' and 'update' operations respectively.

4. Address

- **Search**

localhost:8080/SeattleTravelKit/findAddressByName

Search for Address by Usernames

UserName angela59

Submit

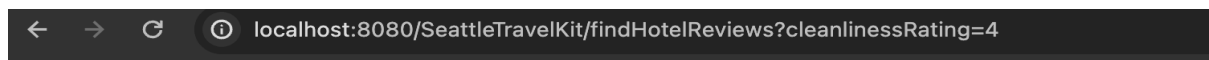**Displaying results for angela59**

Matching Address

UserName	City	Street	State	ZipCode	Country	Delete Address	Update Address
angela59	Jacobshaven	51203 Wilson Alley	Arkansas	35374	United States	Delete	Update

This demonstrates a 'read' operation on the Address table in the database. In the workflow, a user would want to search for a certain user's address by their username. For example, we input 'angela59' in the search box and click the "Search" button. The database then reads and filters the stored address data to find matches to this username. The output lists the detailed information of the address of that user.

5.HotelReview

- **Search**

localhost:8080/SeattleTravelKit/findHotelReviews?cleanlinessRating=4

Search for Hotel Reviews by Cleanliness Rating

Cleanliness Rating Above: [   ] [Search]

19 hotels found with cleanliness rating above 4.0

Matching Hotel IDs

- 3698
- 3711
- 3713
- 3720
- 3741
- 3747
- 3752
- 3755
- 3758
- 3759
- 3760
- 3762
- 3763
- 3767
- 3784
- 3792
- 3796
- 3805
- 3806

This demonstrates a 'read' operation on the HotelsReviews table in the database. In the workflow, a user would typically input a desired cleanliness rating in the search box and click the "Search" button. The database then reads and filters the stored hotel data to find matches that exceed the specified cleanliness rating. The output is a list of hotel IDs that the user can further explore. We may update the return result to retrieve full reviews or detailed hotel information in the future weeks.

6. RestaurantReview

- **Search**

Search for Restaurant Reviews by Food Quality Rating

Food Quality Rating Above: [ ] Search

Displaying restaurants with food quality rating above: 3.5

Matching Restaurant IDs

- 6
- 5
- 4
- 9

This demonstrates a 'read' operation on the RestaurantReviews table in the database. In the workflow, a user would typically input a desired food quality rating in the search box and click the "Search" button. The database then reads and filters the stored restaurant data to find that exceeds the specified food quality rating. The output is a list of restaurant IDs the user can explore further. We may update the return result to retrieve full reviews or detailed restaurant information in the future weeks.

7.AttractionReview

Search for AttractionReviews by Duration Range

Reviews with Duration Above: [55 minutes]

Search

Matching Attraction Reviews

ReviewId	AttractionId	Duration
1985	4	238 minutes
2196	2	69 minutes
2692	10	74 minutes
3578	5	57 minutes
3659	6	277 minutes
5545	1	218 minutes
6884	8	184 minutes
7588	3	215 minutes
7965	7	150 minutes

It is a search interface for a user looking to find attraction reviews based on the duration of the experience. The user can input a minimum duration threshold (in minutes) and execute a

search. The system then will query a database and retrieve a list of attraction reviews that exceed the specified duration.

8.Hotels

Search for a Hotel by ZipCode

ZipCode: 98105

Search

Displaying results for 98105

Matching Hotels

HotelId	HotelName	Rating	Website	Phone	Details	Address	City	ZipCode
3711	University Plaza Hotel	0.0	Website			400 NE 45th Street	Seattle	98105
3732	Admiral Bed and Breakfast	0.0	Website			4761 21st Avenue NE	Seattle	98105
3742	The College Inn	1.0	Website			4000 University Way NE	Seattle	98105
3745	Travelodge Seattle University	2.0	Website			4725 25th Avenue NE	Seattle	98105
3760	University Motel Suites	0.0	Website			4731 12th Avenue NE	Seattle	98105
3786	Hotel Deca, Seattle	3.5	Website			4507 Brooklyn Avenue NE	Seattle	98105
3790	Silver Cloud Inn - University	0.0	Website			5036 25th Ave. NE	Seattle	98105
3791	Watertown Hotel Seattle	3.0	Website			4242 Roosevelt Way NE	Seattle	98105
3792	University Inn Seattle	2.5	Website			4140 Roosevelt Way NE	Seattle	98105

The user is provided with a simple form to enter a ZIP code, and upon submission, the system displays a list of matching hotels within that ZIP code. In the example provided, the ZIP code entered is 98105.

9.Restaurants

Search for a Restaurant by ZipCode

ZipCode: 98105

Search

Displaying results for 98105

Matching Restaurants

Restaurant Id	Restaurant Name	Address	Rating	Area	Category	Service	ZipCode
163	JOEY Kitchen At University Village	4	9.99	0.00	['American (New)', 'Steakhouses', 'Sandwiches']	['Outdoor dining', 'Delivery', 'Takeout']	98105
204	Portage Bay Cafe - Roosevelt	4	9.99	0.00	['American (New)', 'Breakfast & Brunch', 'Cafes']	['Outdoor dining', 'Delivery', 'Takeout']	98105
531	Bugis	4.5	9.99	0.00	['Korean']	[]	98105
720	The Alley	4.5	9.99	0.00	['Korean']	[]	98105

It's a restaurant search interface where a user can look up restaurants by ZIP code. After entering "98105" and searching, the displayed results list various restaurants in that area with details like their ID, name, address, rating, cuisine category, services offered, and ZIP code.

10.Attractions

Search attractions by location using ZipCode:

Search for Attractions by ZipCode

ZipCode 98109

Submit

Displaying results for 98109

Matching Attractions

AttractionName	Phone	Website	ZipCode	Area
Space Needle	(206) 905-2129	https://www.spaceneedle.com/	98109	Queen Anne
Seattle Center Monorail	(206) 905-2600	https://www.seattlemonorail.com/	98109	Queen Anne
Museum of Pop Culture	(206) 770-2700	https://www.mopop.org/	98109	Queen Anne
Pacific Science Center	(206) 443-2001	https://pacificsciencecenter.org/	98109	Queen Anne
Chihuly Garden and Glass	(206) 905-2163	https://www.chihulygardenandglass.com/	98109	Downtown Seattle
Pacific Northwest Ballet	(206) 441-9411	https://www.pnb.org/	98109	Queen Anne
Museum of History & Industry	(206) 324-1126	https://mohai.org/	98109	South Lake Union
The Center for Wooden Boats	(206) 382-2628	https://www.cwb.org/	98109	South Lake Union
Kenmore Air	(425) 486-1257	https://kenmoreair.com/	98109	South Lake Union

The user is provided with a simple form to enter a ZIP code, and upon submission, the system displays a list of matching attractions within that ZIP code. In the example provided, the ZIP code entered is 98109.

11. Advanced Feature - Recommendation

← → C ⓘ localhost:8080/SeattleTravelKit/safestZipCodes

Top 10 Safest ZipCodes with the Least Crimes

Displaying the top 10 safest zip codes.

ZipCode	Crime Count
98675	1
98225	1
98418	1
98284	1
98367	1
98446	1
98512	1
98290	1
98325	1
98174	1

When the user clicks on the 'Top 10 Safest Areas' on the crimeSearch page, they will see the 10 zip codes with the fewest number of crime cases.