ITP 303 Final Project Summary

INSTRUCTIONS: Type out your answer directly below each question. If a question does not apply to your project, type in N/A. When finished, save this file as a PDF and upload it to the itpwebdev server via FileZilla. Then, add a link to this PDF in your student_page.html. Label it "Final Project Summary."

BASICS

Your name?

Albert Tan

What is the topic of your final project?

This web application helps users find concerts and events in the U.S. and Canada using the Ticketmaster Discovery API. They will be able to search for events and, when logged in, add/delete events to their personalized calendar.

Who is the intended audience?

Avid concert-goers, sports-enthusiasts, and concert-lovers. Mostly the younger audience.

Provide a brief summary of the functionalities of your project.

The user starts at the welcome (index) page, and a random event is displayed on the screen. Any user will be able to access the Search Page and the Event List page via the navigation bar. Using the Search Page, they will be able to search for events based on three criteria: keyword, city, and date range. The event list page will display relevant events. If a user clicks on an event, specific information about the event will be displayed, and the user will be able to buy tickets via a button that takes them to the ticketmaster page.

If the user decides to log in, he/she will be able to add and delete events to his/her own personalized calendar. Additionally, the events shown on the Event List page will be the events in his/her own state.

FRONT-END

What is the total page count?

There are 17 pages, including the confirmation pages.

List the names of any external stylesheet used in this project below.

events/home_display.css

nav.css

List any CSS libraries/frameworks used in this project (e.g. Bootstrap) below.

Bootstrap

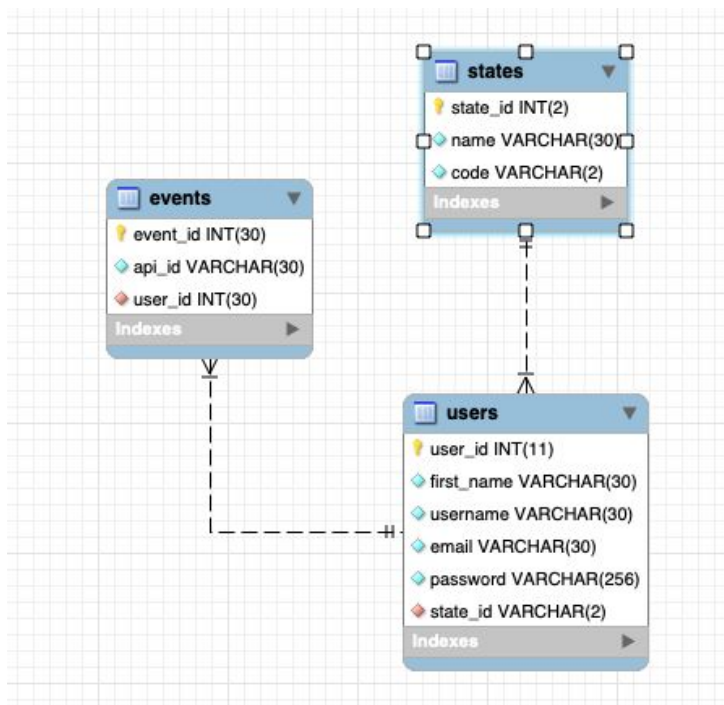List any JavaScript libraries/frameworks used in this project below.

JQuery

How does your project meet the Interactivity requirement?

When the user hovers over links in the navigation bar, they turn red.

BACK-END

Attach a screenshot of the final database diagram (just the diagram, do not include any records) below.

Where in your project do you insert a record to the database (the 'C' in CRUD)?

When a user registers for an account, an entry is created (/login/register_form.php). Additionally, a user can add an event to their calendar (events/add_event_confirmation).

Where in your project do you search and display record(s) from the database (the 'R' in CRUD)?

A user can view his or her account (/events/profile.php). Additionally, a user can view his or her events in their calendar (/events/calendar.php).

Where in your project do you update and existing record(s) the database (the 'U' in CRUD)?

A user can update his or her account information (events/edit_profile.php, events/edit_confirmation.php, events/change_password.php, events/password_confirmation.php)

Where in your project do you delete existing record(s) from the database (the 'D' in CRUD)?

A user can delete his or her account (events/delete_confirmation). Additionally, a user can remove events from his or her calendar (events/calendar.php).

MISC

What two "extra" requirements did you implement and where can they be found?

- I used the Ticketmaster Discovery JSON API using the ajax method. I used it on many pages, and one example is in events/home.php
- I used Session storage to pass login information as well as information about the user's state. (login/login.php and events/home.php)

If you used any APIs or JS plugins/frameworks as one of the extra requirements, list the name and a link to their documentation.

Ticketmaster Discovery JSON API

https://developer.ticketmaster.com/products-and-docs/apis/discovery-api/v2/

USC Viterbi

INFORMATION TECHNOLOGY PROGRAM

If your project requires any admin credentials (i.e. only admin users can access a certain page), list the credentials below.

N/A

Provide any other information that you think the grader/instructor should know when grading your final project below.

N/A