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?

Enyan Xia

What is the topic of your final project?

Providing brief overview of Beijing's history, culture, attractions, and travel tips with representative images.

Who is the intended audience?

The intended audience are those who are interested in visiting Beijing.

Provide a brief summary of the functionalities of your project.

- General:
    - o Most pages have a "back to top" box that can conveniently guide users back to the top.
    - o Most pages also have a clickable map icon on the top. It will toggle the information section. The information sections is also clickable, and each link will lead to corresponding in-page sections.
- home page
    - o the background image will automatically change, with an interval of 5 seconds.
    - o In each sub-sections, there is a brief introduction about Beijing. And the buttons can guide users to corresponding pages for more, detailed information.
- About Beijing page
    - o Introduces Beijing facts, history, and culture.
    - o All front-end stuff.
- Attractions page
    - o Registered users only.
        - ▪ Will jump to log-in page if users not signed-in
    - o 4 clickable sections (history and art&culture are completed; architecture and universities will just place holders for future implementations (during winter break)
    - o Each section has a photo gallery. The section can be closed via clicking the "close" box.
    - o Users can sort attractions via rating and admission fee accordingly.

- Travel tips page
    - Almost same functionalities as the about_beijing page.
    - Gives info about visa, money, communications, climate, medical services, and special tips on visiting forbidden city.
    - Money section contains a hyperlink to Bloomberg currency exchange page.
    - Each hospital header in medical services will lead to the hospital's website.
- Management page
    - The page where CRUD got involved. Admin users only.
    - Each button (add, delete, edit) will lead to corresponding php pages.
- Add/Delete/Edit page
    - JS checks for required input
- Add/Delete/Edit Confirmation page
    - Interact with the database via prepared statement

FRONT-END

What is the total page count?

10 pages in total (excluding confirmation pages):

1. Login
2. Register
3. Home
4. About_beijing
5. Attractions
6. Travel_suggestions
7. Management
8. Add
9. Edit
10. Delete

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

1. stylesheet.css

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

1. Bootstrap

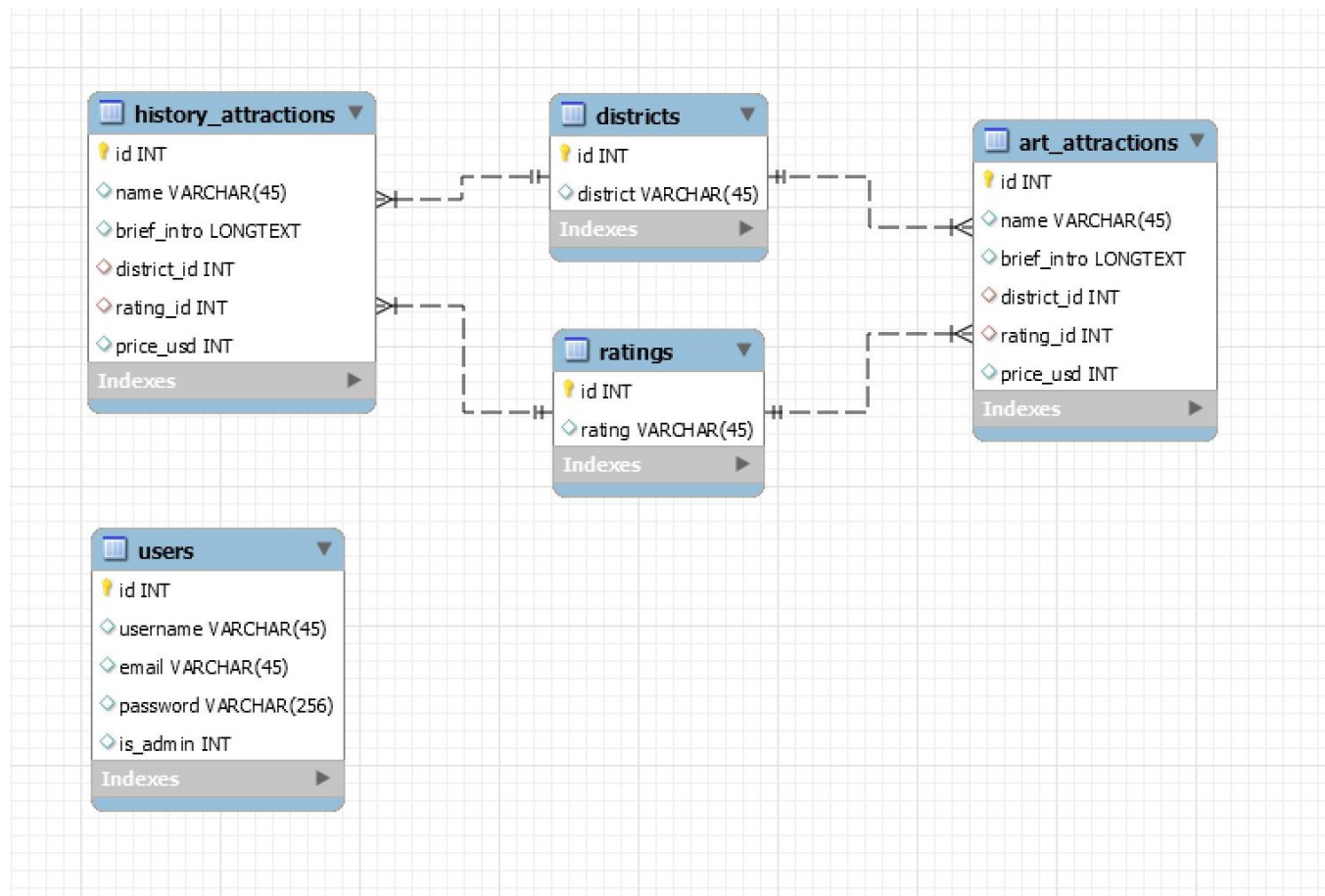**List any JavaScript libraries/frameworks used in this project below.**

1. jQuery

How does your project meet the Interactivity requirement?

- In about_beijing.php, travel_tips.php, and management.php, users can toggle the guiding bar by clicking the map-icon above.

- In attractions.php, users can expand interested sections for recommendations by clicking the corresponding images.

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)?

In the management page, there are "add" buttons for each section. Clicking the buttons will lead to add page. Note: simply typing ~final_project/add.php won't work. Links must contain field information, like

~final_project/add.php?field=history_attractions or ~final_project/add.php?field=art_attractions, so that new records can be inserted to the right tables.

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

No searching involved in my project. Attractions and management pages display records. And Attractions page sorts records.

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

Edit.php accessed via "Edit" buttons in the management page.

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

Delete.php accessed via "Delete" buttons in the management page.

MISC

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

1. Different User Permission Levels:

   a. General (unregistered) users to browse home.php, about_beijing.php, travel_suggestions.php.

   b. Only registered users can access attractions.php, where retrieves specific attractions recommendations from the database.

   c. When admin users log in, the "management" column will appear in the navbar. It allows admin users to add, update, and delete records.

2. Frontend ↔ Backend AJAX (JavaScript ↔ PHP):

   a. In the attractions.php, registered users can sort attraction recommendations either by rating or admission fee (ascending) without refreshing the page.

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

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

Username: itp303_admin

Password: helloworld

USC Viterbi

PLEASE DON'T DELETE "REAL, INFORMATIVE" RECORDS! THERE ARE SOME DUMMY RECORDS PROVIDED TO CHECK CRUD FUNCTIONALITIES.

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

PLEASE DON'T DELETE "REAL, INFORMATIVE" RECORDS! THERE ARE SOME DUMMY RECORDS PROVIDED TO CHECK CRUD FUNCTIONALITIES.

*navbar for management CRUD pages is shared in navbar_management.php