

### 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?**

ARJUN BAMBA

**What is the topic of your final project?**

My final project – PathPort – is an outdoor exploration website that allows users to explore places to visit/things to do in Los Angeles.

**Who is the intended audience?**

Anyone exploring Los Angeles – tourists/adventure enthusiasts!

**Provide a brief summary of the functionalities of your project.**

- Website provides recommended places for you to explore!
- **Learn about us through the about us section** and by clicking on About Us > Learn More in menu
- **Everyone can browse through a catalogue of recommendations from our database** (by clicking on the browse button at the end of the home page or going to Explore > Browse in the navigation menu) to find a place to visit! Depending on your mood, you can search for a place based on any of the categories – i.e. outdoors, art & culture, music, museums, beaches, amusement parks, and more!
- **Register/Login to be able to delete recommendations** you don't like from the browse page.
- **Logged in users can update their password** through “Update Password” under person icon

#### FRONT-END

**What is the total page count?**

The total page count is 11:

1. myhome.php → On first arriving at website
2. aboutus.php → Click on “Learn More” on home page or About Us > Learn More in navigation menu
3. browse.php → Click on “Browse” in last section of home page or Explore > Browse in navigation menu.
4. browse\_results.php → Click on “Browse” on the Browse page to see our recommendations.
5. delete\_rec.php → Executes when deleting a recommendation - Arrive here when you click on “Delete” on browse page to delete a recommendation.

**\*\*Must be a registered user to see the delete button to delete recommendations\*\***

6. register\_user.php → Logged out users: click on person icon on right side of navigation menu > Register
7. registered\_confirmation.php → Register on the registration page to arrive here
8. login\_user.php → Logged out users: click on person icon on right side of navigation menu > Login
9. update\_pw.php → Logged in users: click on person icon on right side of navigation menu > Update Password
10. update\_pw\_confirm.php → Logged in users: arrive here after updating your password
11. logout\_user.php → Logged in users: click on person icon on right side of navigation menu > Logout

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

Only common styling used is for the navigation menu. Navigation menu is styled with Bootstrap. Bootstrap stylesheet is linked on every page.

**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?**

Used:

**onmouseover** – To change background color to white and text color to black when hovering over items in the navigation menu on every page. Also, used on buttons on home page.

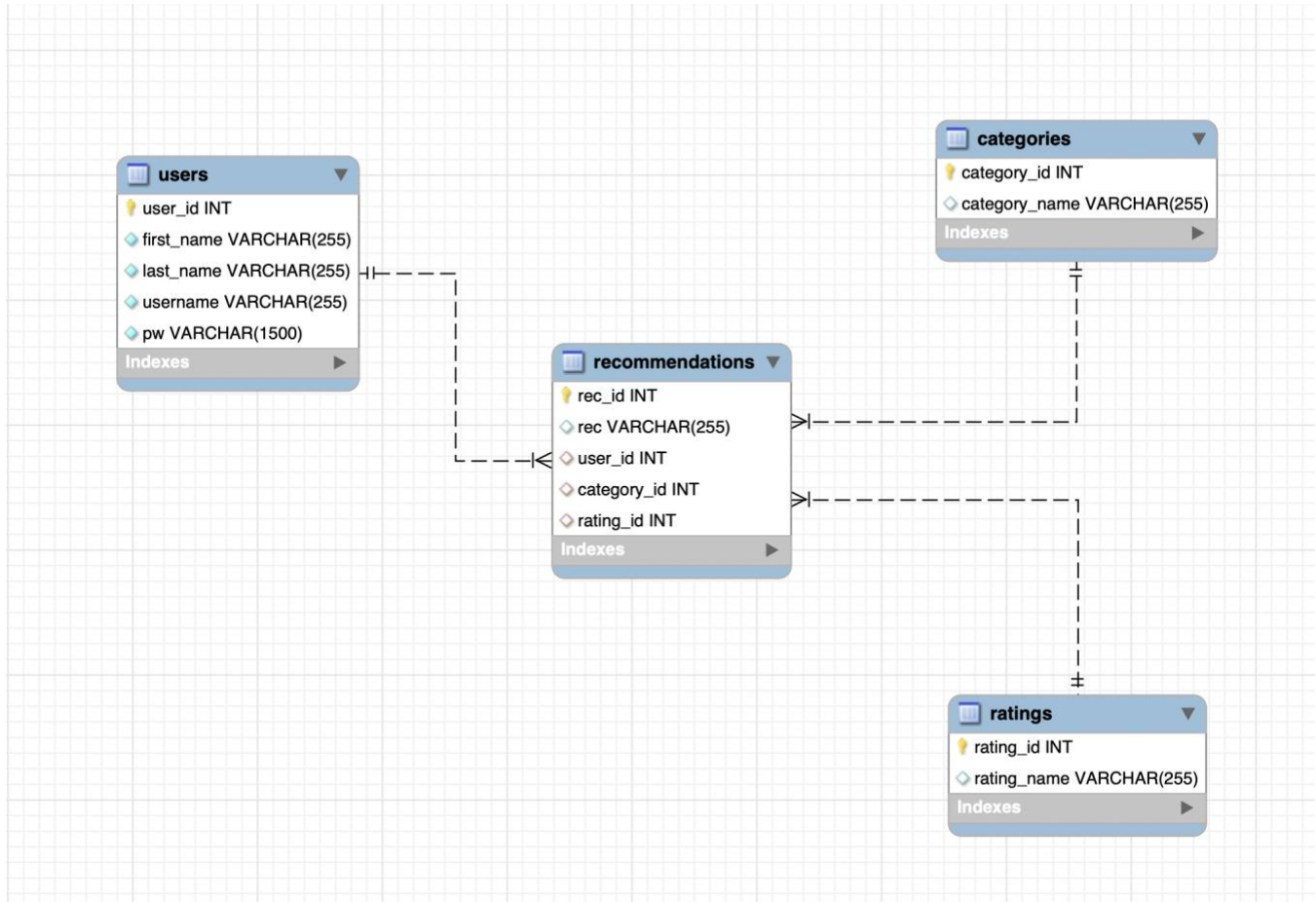
**onmouseout** – To change background color back to black and text color back to white after stopping to hover on items in the navigation menu on every page. Also, used on buttons on home page.

**onclick** – On browse\_results.php. Prompts to confirm proceeding with deletion when a registered user attempts to delete a recommendation.

**onsubmit** – On register\_user.php + login\_user.php + update\_pw.php. To display an error if information is not filled out. On update\_pw.php, to also display an error if fields don't match.

## **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)?

Through register\_user.php + registered\_confirmation.php: Registering a user adds/inserts a record into the users table in the database.

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

Through the browse.php + browse\_results.php at navigation menu > Explore > Browse: Searching + browsing for places displays records from the database.

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

Through update\_pw.php + update\_pw\_confirm.php: **\*\*Registered users\*\*** can click on person icon at right side of their navigation menu > Update Password. A registered user updating his/her password will result in an update to that user's existing record in the users' table by setting a new password in his/her pw column.

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

Through the browse.php + browse\_results.php at navigation menu > Explore > Browse: **\*\*Registered users\*\*** browsing places will see a button on every recommendation to delete it. Deleting the recommendation will delete its record from the recommendation table in the database.

**What two “extra” requirements did you implement and where can they be found?**

- 1) Registration System - different user permission for everyone vs registered – only registered users can delete on browse page and update their password. (\*\*2 levels – I have 2 other extras below if this doesn’t count\*\*)
- 2) **Sessions/Cookies** – Used to change navigation menu items everywhere depending on login state and for logged-in users: used to also show deletion option for every recommendation on browse page, proceed with recommendation deletion, and update user login password.
  - a) Storing the person’s database username in `$_SESSION[“user”]` – key for deletion
  - b) Storing the unique `user_id` assigned to a user from the users table in my custom `$_SESSION[“user_id”]` variable for changing menu + deletion purposes
- 3) **CSS/JS Animation** – Typewriter animation used on home page (FYI: shows on laptops/not supported on mobiles due to lack of WebGL/motion activation)
  - a) “Welcome to Los Angeles!” typewriter multi-animation utilizes a text animation, cursor typing animation, blinking cursor animation.

**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.**

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

Note: only registered users can delete recommendations from database. Delete with consideration because data in the database is limited – currently have about 155 records in the recommendations table split up amongst all browsing options. Also, ignore “submitted by” field when searching/browsing. It’s meant to find the user who submitted the recommendation. It works, but all recommendations are only submitted by PATHPORT.

I tried to give my UI/frontend a somewhat cozy feeling with the video, animations, sticky navigation bar, and color scheme, but that ended up taking a lot more time than I expected. I loved this project and I would’ve liked to implement more functionalities if I had the time – specifically more functionalities for a registered user.

Also, just FYI, I have some garbage CSS+JS in some of my pages (stuff starting with “et-hero...”). It doesn’t do anything, so it’s fine – I was trying to implement a sliding animation from CodePen, but I left it since it was messing up a lot of other things.

Thank you to Professor Nayeon and all TA’s for your time and help!