

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?

Yunhao Zhao

What is the topic of your final project?

Find Friends (F&F)

Who is the intended audience?

The people who want to extend their friend zones and want to find someone who has the same interest.

Provide a brief summary of the functionalities of your project.

FRONT-END

What is the total page count?

6 pages.

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

The navbar.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.

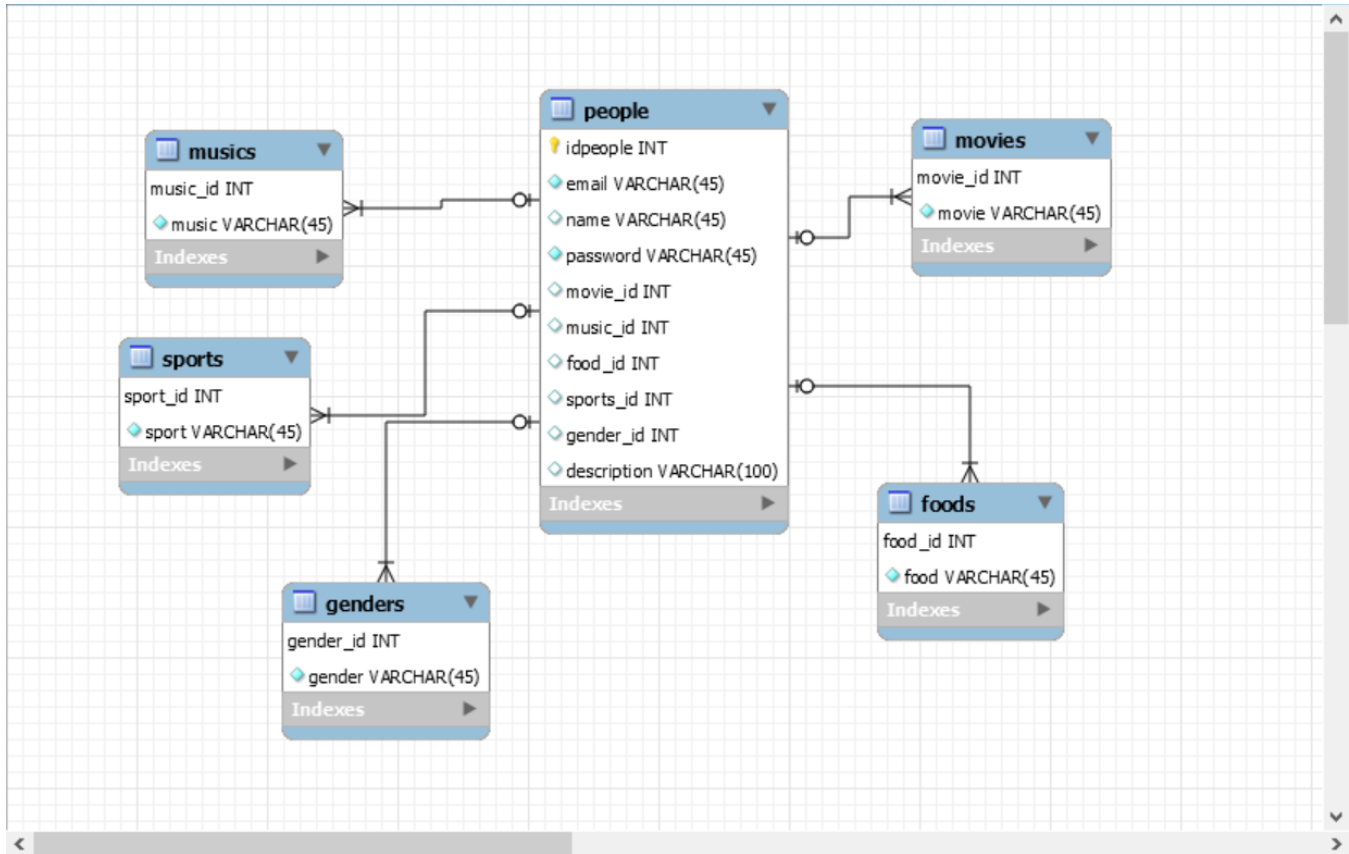
jQuery and Chart.js.

How does your project meet the Interactivity requirement?

Beside the check of valid input on login/register/edit page, there is an event handler on the search page, when click the button search, it will generate a list of people you are searching for. Also on the search page, when I hover the "&", it will occur some animation effect which I also use the JavaScript to write some part of it.

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 register.php the new user creates a new people profile with their email, name, gender, password, and their interests and self-description to the database.

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

In the search.php the new can search the potential friends list form the database with selected name, gender, email and interests, and the search page will present a list of target profiles.

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

When each user successfully login to their account, they can update their email address, name showing on the profile and their interests and self-description. When they click the edit button, they will update their information.

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

Only the administer account have this kind of functionality. When you login by the administer account , it will directly redirect you to a page which presents all the registered users information, and when you click the delete button, the user you choose will be deleted.

MISC

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

CSS / JS Animations: On Search page and the home page, I have created some animation effect and some parts I use CSS and some parts I use JavaScript. For the navbar, I also create a small animation effect when you hover the expand button.

JS library, plugin, or framework: For the search page, I have plugin the chart.js and use this to create a donut chart in order to present the percentage of the genders of the potential friends list which you are searching for.

Frontend ↔ Backend AJAX (JavaScript ↔ PHP): I use this technology for my search page. I create search.html as frontend and searchbackend.php as backend and use ajax in order to show the results directly on 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.

Chart.js: <https://www.chartjs.org/docs/latest/>

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

Only admin have the functionality to delete the users.

Email: administer@usc.edu

Password: adminusc

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

Only the registered users have permission to update their own profiles.

Only the administer have permission to delete the existing account.

The two account with the same email address will be forbidden during the register process.

Only the user who have the account can login F&F and search the friends.