

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?

Raymond Liu

What is the topic of your final project?

Conformity Game – A way to answer questions and see what percent of the world/your friends agree with you.

Who is the intended audience?

The intended audience for my website is anybody who wants to see how their opinions hold up within their friend group and the world. The targeted age range is 13+ since the audience needs to be able to understand the questions and have their own opinions (but also the questions I added are more for fun so probably anybody can enjoy it).

Provide a brief summary of the functionalities of your project.

Functionalities:

- Login – User can login to save information to their account
- Questions – The user can answer questions and see what % of the world agrees with them. If they are logged in, their responses will be saved and added to the data that the application draws from. Logged in users can compare their responses to their friends and groups that they have joined
- Groups – Logged in users can join groups
- Friends – Logged in users can add friends

FRONT-END

What is the total page count?

5 Pages – Main page, Questions Page, Login/Register Page, Friends Page and Groups Page

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

Styles.css, transitions.css (in questions folder)

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

Bootstrap

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

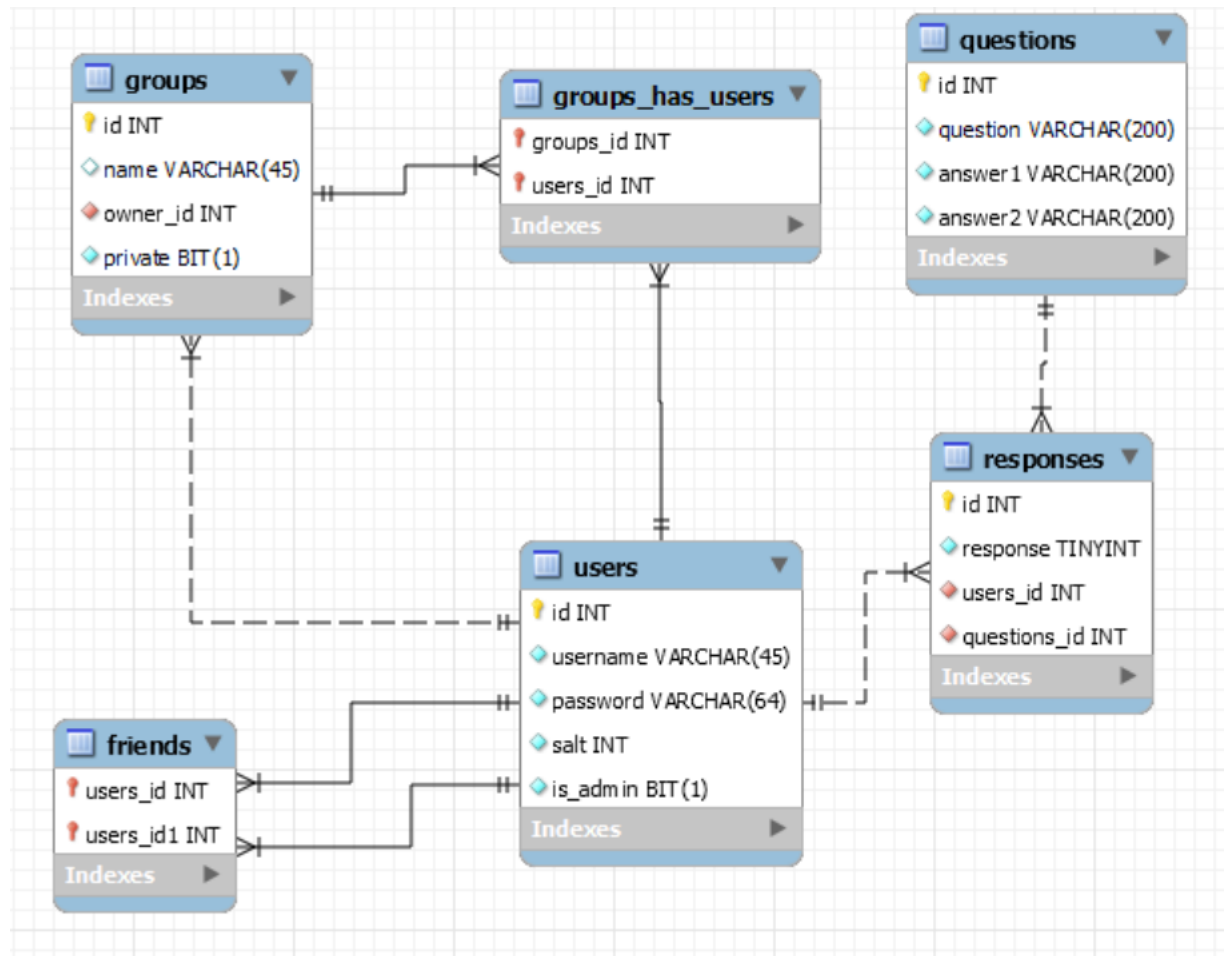
How does your project meet the Interactivity requirement?

On the questions page, clicking on either of the two options results in the page updating the percentages and sending your response to the database (if you are logged in)

In addition, the next, prev, and random buttons move you to a new question (along with a cool transition)

BACK-END

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



*The users_id1 in friends got renamed to friend_id

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

When a user is created, when a group is created, when a friend is added and when a response (to a question) is added

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

When viewing friends/groups, when viewing questions and seeing the results in comparison to everyone else

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

When viewing a question that you already answered, you can change your vote to edit record in the database

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

When deleting friends or leaving groups, records are removed from the database

MISC

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

Animations – Clicking the next, prev and random buttons on the questions page all show a cool animation as it transitions to a different question

Frontend to backend AJAX – The questions page uses AJAX to communicate with the backend to load the questions to allow for the user to switch through all the questions without reloading pages

(Some extras in case one of the ones above is not sufficient)

JS plugins – I use the accordion from bootstrap. This is found in the navbar when you put it to mobile size and the groups page when you click on groups

Levels of User Permission – (I didn't finish this so admins currently don't have any more power beyond a normal user)

Average users can access the questions, but their responses are not saved

Logged in users can access friends and groups in addition to comparing their responses with them

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

Bootstrap JS plugin - <https://getbootstrap.com/docs/5.1/getting-started/introduction/>

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

Username: Admin

Password: Admin

(Both are case sensitive)

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

I added salt to the password encryption so it's more secure than just sha256

My questions page uses AJAX to communicate with the backend. Since a lot of data needed to be sorted through my API endpoint question.php does a LOT of work (getting all the questions and then calculating percentages for every group the user is a part of). Also, there's a SQL statement in there somewhere that I found off the internet and modified to fit my needs, but I am well outside of my knowledge.