

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?

Desiree Khoo

What is the topic of your final project?

SC Live (USC Student Organization) Website

Who is the intended audience?

Students and Alumni of USC, as well as the general public with an interest in SC Live streamers

Provide a brief summary of the functionalities of your project.

Allows viewers to understand the purpose of the organization, as well as access a directory of all the streamers who take part in the organization. Those with special privileges (i.e. the executive board) are also able to add new streamers to the directory through a special UI.

FRONT-END

What is the total page count?

7 Pages

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

style.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.

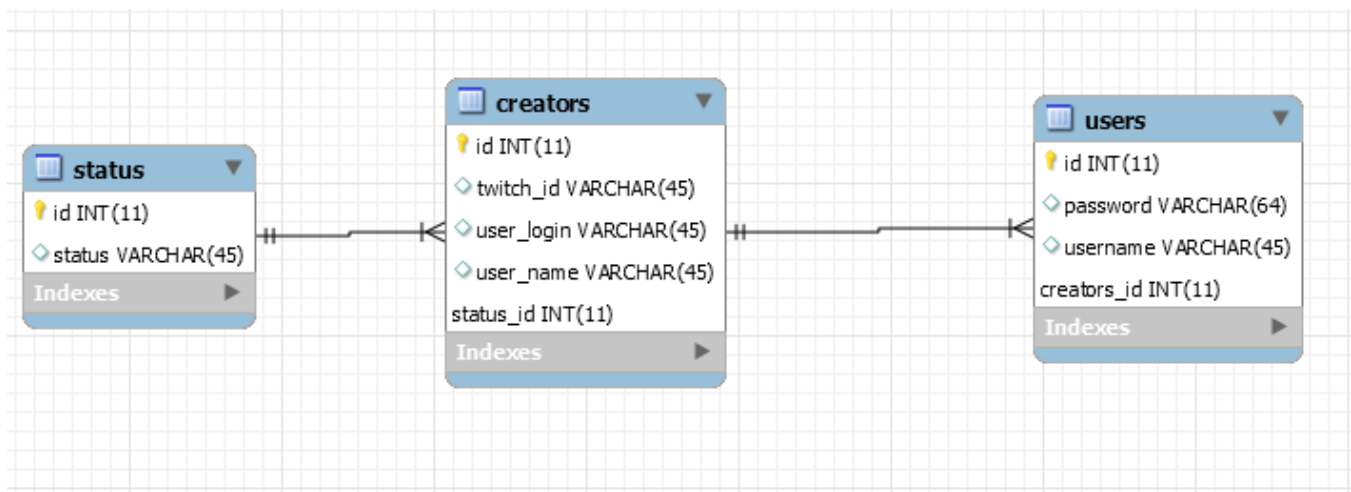
Bootstrap, Twitch Embedded

How does your project meet the Interactivity requirement?

Within the Update/Edit section of the administrator side, users are asked to confirm whether or not they want to update the database, to ensure that changes are not made without reason.

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)?

Recording it the database is done on the database.php → add.php page, allowing you to insert additional Twitch Streamers into the creators database

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

All the records of the creators table is show on the database.php and while the twitch.php grabs the user_name column of creators and pulls information from the Twitch API.

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

Updates to the database are done in the database.php → edit.php page, where users can chage the status_id of creators

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

You can delete existing records of the creators table on the database.php page.

MISC

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

1. Twitch API (JSON API) - used on the twitch.php page to grab real-time data about creators, such as their status, whether or not they're live, etc.
2. Bootstrap Carousel (JS Library, plugin, or framework) - found on the home.php, a carousel that includes screenshots of SC Live streamers
3. Twitch Embedded - used on twitch.php, using the JavaScript framework to embed a Twitch video player into the website

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

INFORMATION TECHNOLOGY PROGRAM

Twitch API - <https://dev.twitch.tv/docs/api>

Bootstrap Carousel - <https://getbootstrap.com/docs/5.0/components/carousel/>

Twitch Embedded - <https://dev.twitch.tv/docs/embed/everything>

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

Username: skylarnyx

Password: 12345

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

You can only add <https://www.twitch.tv/> accounts to the database, since it's cross-checked with the API. If you change the status (partner, affiliate, etc.) of a creator, it'll edit the database but that is not cross-checked with the twitch.php page, since the data shown on that page is pulled from the API using the usernames from the database.