Project Step 5: Turn in Final Working Project

- **Due** Monday by 11:59pm

- **Points** 25

- **Submitting** a file upload

- **File Types** zip
- **Available** Aug 1 at 12am - Aug 13 at 11:59pm 13 days

What to submit?

As soon your Project is ready, turn in the following:

- **A .ZIP file containing:**
  - **All the source code for your Project.** This includes files containing CSS, HTML, JS and the backend platform that you decided to use. For any external libraries, you may include the package.json (or the equivalent) instead of including the node_modules directory.
  - **A PDF file** containing (*in the given order*) all the feedback for this Project that you have received until now and the most updated version of your Project Outline, Database Outline, ERD, and Schema. Be sure

to list the feedback in the right order from Steps 1 through 4 along with your action on the feedback.

- o The PDF file should also contain, on the first page, the **URL** of **your hosted, functioning project website** on the first page. You will need to prefix it with http**://** or https://
- o The **.SQL file containing your Data Definition Queries** and the sample data
- o The **.SQL file containing your Data Manipulation Queries.**

If you are working in a group, a single submission will count for both members of the group if you have been working as a group since Step 2. If the submission doesn't show up for both members, contact the Instructor. Note that the above groups are different from Reflection Group.

The project website should be up and running until the last day of term.

Also include the URL as a comment on the submission.

Points:

This assignment will count as 25% of your Project Grade.

You will be graded based on:

- **Feedback and your action on it:** 2.5 points
  - o The feedback that you received from the graders and peers from Step 1 through Step 4.
  - o What action you decided to take based on that feedback.
  - o Why you decided not to act on a given feedback.
  - o Note that feedback is different from grade. You might receive 100% grade on a Step but there would still be feedback that you were given.
  - o We expect to find this section on feedback in the PDF that you turn in the .ZIP file.
- **Project and Database Outlines:** 1.5 points
  - o The updated versions of the Project and Database outline. Reading these should give a layman the complete idea of your Project and it's universe and thus be able to navigate the website.
- **ER Diagram:** 1.5 points
  - o The updated version of the ERD that follows the notations from SymbolKey.pdf
- **Schema:** 1.5 points
  - o The updated version of the schema that should follow the database outline exactly. It will again be graded on the extent to which it matches

the outline with an emphasis on if relationships and keys are set up correctly. Again, please use only the notation from SymbolKey.pdf

- **Data Definition Queries:** 1.5 points
  - The updated version of SQL file that you provide should be cleanly import-able on the [Database Server that is used to host your CS340 database.](#) If the .SQL file cannot be imported or does not create tables as your Schema describes, using PHPMyAdmin or the MySQL command line client, you will lose points.
- **Data Manipulation Queries:** 1.5 points
  - The updated version of the SQL file which provides all your DML queries in the format described in Step 4. You will lose points if you don't have queries providing the functionalities listed in the [Project Specs.](#)
- **Website Functionality**: 12.5 points
  - All the functionalities described in the [CS340 Project Specs](#) should be implemented.
  - When dealing with relationships you cannot expect the user to manually type any data. You should allow the user to select things to relate to each other via drop-down menus or some other UI element where the user picks from existing items to add them to a relationship. When picking items you should display the name that makes the most sense to the user. This is very likely not the primary key.
  - For example, in context of the BSG database, when adding a row to the relation between bsg_people and bsg_cert, we would expect the bsg_cert.title values to be shown in a dropdown/set of radio button instead of allowing entry of bsg_cert.id
  - The **URL** of the website should be included in the PDF *as well as* a comment on the submission.
  - READ/BROWSE/DISPLAY functionality: 1.25 points

    CREATE/INSERT/ADD NEW functionality: 1.25 points

    DELETE functionality: 3.75 points

    EDIT/UPDATE functionality: 3.75 points

    SEARCH/FILTER functionality: 2.5 points.

- **Style:** 2.5 points

- Your website should be reasonably easy to navigate. We are not expecting CSS. But tabular data should be displayed in tables and form elements should be reasonably grouped.
- Your write-up in the PDF should be well formatted and divided into sections for easy navigation.
- Your SQL files should have brief comments mentioning what functionality/entity/relationship the query is related to.

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