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Project Post Mortem

I think that many things went well with my project for the “Community Bulletin Board”.

I do not have a lot of experience with web applications or UI design. So I built my web application with Django so that I could get more experience with this framework. I used forms and was able to incorporate a SQLite3 database to the project as well. On the “Create User” page, the information entered by the user POSTS to the database on the back end. It is also incorporated in the ‘view events’ page. The admin can add an event and it will add to the database or if the event exists in the database it updates the quantity.

I wanted to have a professional looking feel with the navigation within the site so I used a bootstrap navbar to handle this. I think that my implementation of this went very well and it is an easy way for the user to navigate the site. I was able to lock the nav bar to the top of the screen so that even as the user scrolls down the page they will not have to navigate back to the top of the page to click on a different link.

I had difficulty getting all of the functionality that I wanted to implement with the database. I had no success with being able to get all the events, equipment and classes from the database. I was trying to get all of this data and have it displayed as a table on the pages that the admin has access to.

Some of the UI elements I was having trouble with as well. Adding bootstrap to the project seemed to change the way that some of the HTML elements behaved and subsequent CSS styling was not working as I had intended it.

I have learned many things from this project. I learned of the ease of use of Django to get a web application up and running. If I have to make another web application in the future I will most likely use Django again as a starting point. I have also learned that Sqlite3 databases should only be used for testing purposes so next time I will try to incorporate a different type of database such as MySQL. I have also learned that while I can use basic HTML and CSS style sheets to make web pages, I should look into a different framework such as Angular or React for future projects.