CSC 3380 Post Mortem

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What worked for your project?
The homepage along with many of the tabs promised. Our login page has been a success along with the settings, records, map, and socials page. We did a really good job with designing a simple GUI that was appealing to the eye and got the task done. Our code was also very clean, with comments that aided each other in the development. All of the tabs listed worked well, as it was just a matter of linking them with the homepage.

What didn't work for your project?
We've had trouble linking some of our pages to the main homepage, the dark mode option also took a while to figure out. The records page had issues since we originally started off with SQL, and the map page has a temporary fix with the map link since it uses a unique local file path that changes depending on what device the user is on, just one of our linking issues. The login page also has a similar problem since it has a unique path to the user database. It was difficult at first to work on a major project with a team of people since none of us has had prior experience being on a team of developers.

If you did the project a second time, what things would you do differently?
One thing we would do differently would be making sure we meet more frequently for program meetings to be certain we're all progressing in the right direction logically. We would also just be more mindful about how long a project like this actually takes, as we underestimated for sure.
We found that working on this project during a pandemic caused several issues to arise. Working remotely created a communication gap, as we could not as easily understand what each member was doing or how they were doing it; putting our work together caused issues to arise due to small differences in spelling or approaches to problems which would have been much simpler to resolve in person. As we were developing a prototype rather than a finished product, these issues didn't affect our ability to finish; these issues could have been much more damaging to the project if it had been more complex or needed to be completely polished. If we had a choice, we would work on this project in person, rather than remotely.

In the face of rapidly changing technology, how would you keep yourself updated with respect to the technological aspects of the project?
We would keep ourselves updated by keeping an eye on new libraries and library advances that could potentially run our code more efficiently. Another way we could stay ahead of the rapidly changing technology would be to not rely on third party services, we would prefer to be self-sufficient, such as updating our map tab with drone footage instead of another software. Another way we would stay updated is by using feedback from users to improve upon our project and make quality of life changes. Potential or existing competitors should also receive attention to ensure that our product stays competitive and if there are other features we should consider adding to our program.