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Homework #10

Tools I used for this semester

GitHub

* Used this to upload files for homework assignments and updating the class project.
* Pros: All my homework assignments are able to be accessed anywhere and won’t be deleted unless I type in the repository name and confirm that I actually want to delete it. GitHub also allows everyone in the class to be able to collaborate in one place online and be able to upload everything into one specific repository with designated folders for each team.
* Cons: I never needed to use GitHub until this class which required me to learn how to use GitHub such as setting up repositories, cloning, and more.

Terminal

* Used this for Homework assignment #1, #3, Pandoc, and #6.
* Pros: It is very flexible in the sense that it can be used for many different things such as running Java programs, Python programs, creating a database, downloading things such as flask or sqlite3.
* Cons: It was confusing to learn the new commands for each different homework assignments because using SQLITE had different commands compared to Python.

Slack

* Used this for the class group project in order to keep in contact with everyone as the project progressed.
* Pros: We were able to have two separate channels where the main channel involved all of the teams and another channel that only involved the Product team. Slack allowed us to send links, pictures, and screenshots of code to see if we were able to fix anything or had any opinions on designs and more.
* Cons: They could maybe have a “read” section where we can see who has already read that chat but other than that Slack has been very helpful this entire semester.

Google Slides

* Used for individual presentation and group presentation.
* Pros: Allowed not only one individual but many individuals to access all at once and make changes that would automatically save. It was very easy to use and didn’t require everyone needing to update a slide if one person updated it.
* Cons: None.

SQLITE

* Used for homework #6.
* Pros: SQLITE is easy to learn because there is a website with all the commands and what the commands are used for and writing the code was easy.
* Cons: It was hard to learn how to create a database at first and even the lack of a “;” in the code will mess things up and won’t even allow you to write the next command in Terminal.

Repl.it

* Used for homework #5.
* Pros: It is easy access because all you need is the internet and you don’t need to install any software or anything onto the computer which saves storage in the computer.
* Cons: None.

Travis

* Used for homework #8
* Pros: Allowed for continuous integration and deployment, makes any changes you made on your git repository that is connected and runs until it is deployed or it is over 10 minutes.

Notebook/Pens/Adobe

* Used for the group class project.
* Pros: Allowed us to draw designs out and many layouts.
* Cons: None.

Pandoc

* Used for extra credit assignment, and homework assignments #6,9,10.
* Pros: It helps convert documents to md, pdf and more.
* Cons: It was extremely hard to download pdflatex because google would have so many different ways to install and even if there was a way to download it onto my Mac my terminal wouldn’t be able to locate pdflatex. It took me a long time to find homebrew and install pdflatex.