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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.
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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.