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TE350
Dr.Clapp
Lesson 1

Creating A Repositories

Objective:

Providing students with step by step cheatsheet on how to create a repository, students will be able to understand and apply what they have learned to create and secure files on github.

Standard:

Standard 1. student will develop an understanding of the characteristics and scope of technology.

Creating a repository step by step outline

- 1- It is important to know where you are at in your desktop "PWD"
- 2- To make new directory-type "MKDIR" and add or create a file name.
- 3- PWD
- 4- Type "LS" which stands for list
- 5- Type "CD"
- 6- Type "GIT INIT"
- 7-Type "LS -LA"

To create the file

- 8- "Touch readme.md"
- 9- "Ls -La"
- 10- Git commit -m "name your file for you to remember"
- 11- git status
- 12- git remote -v
- 13- git remote add origin <https://github.com/waliibrahim/waliwali10.git>
- 14- git push -u origin master

Note: To make sure that your work has been committed type " Git log" this code will tell your if your work has been committed or not.

If students are able to follow these steps one by one as listed above, they will be able to create and upload a repository on GitHub successfully.

Citation:

Technology engineering our world by Gradwell and Welch
Dr.Sharon Clap - CCSU professor

Part 2 Possible Project

Project 1: An Alexa Powered dash cam. I found it interesting because it captures license plates and alerts the driver if he or she is in danger of a frontal collision.

<https://www.trustedreviews.com/opinion/best-raspberry-pi-projects-pi-3-pi-zero-2949390>

Project 2: Magic mirror. What makes this project seems interesting is that it provides everything that you need around your desktop. It makes it easier to find what you're looking for such as weather, date, and etc.

<https://www.trustedreviews.com/opinion/best-raspberry-pi-projects-pi-3-pi-zero-2949390>