**Outline**

Sign-up for GitHub and begin using this project management tool. Review terms of service and identify the main features of a Content Management System. Create projects in the cloud for the course, and initialize a synchronize local repositories for these projects.

**Objectives**

·         Use standard backup procedures to back up user files.

·         Use software tools (e.g., email, wikis, blogs, task lists, bulletin boards, spreadsheets, shared calendars) to plan and track activities during a software development project;

·         Use project management tools (e.g., Gantt chart, PERT chart) and time management tools (e.g., organizer, calendar) to help develop a software project;

**Resources**

·         Website:<https://github.com>

·         TOS:<https://help.github.com/articles/github-terms-of-service/>

·         Privacy:<https://help.github.com/articles/github-privacy-statement/>

**Level 1: Privacy & Terms of Service**

Understanding Privacy and Terms of Service agreements is a critical part of computer literacy. This is especially important now that companies are aggressively collecting and selling your personal information.

Research and answer the following questions by saving your work in a Word document as follows:

a)   Go to: “https://github.com/Greg5519/ICS2O0”

b)   Open the folder “Topic D Environment And Systems”

c)   Select the file “Mod D1.1 GitHub Introduction”

d)   Download the file and save it to your student folder on the network

e)   Rename the file to “Mod D1.1 Answers” and edit to include your answers

1.   Research about “Terms of Service Agreements” and identify at least 3 main features of a terms of service agreement.

Most Terms of Service Agreements feature

·         Limitation of Liability

·         Third party rights and applications

·         Customer support

2.  Review the GitHub terms of service. (<https://help.github.com/articles/github-terms-of-service/>)

**a.  Are you permitted to use this software for this class? Copy and highlight the section that conforms this permission.**

You must be age 13 or older. While we are thrilled to see brilliant young coders get excited by learning to program, we must comply with United States law. GitHub does not target our Service to children under 13, and we do not permit any Users under 13 on our Service. If we learn of any User under the age of 13, we will [terminate that User’s Account immediately](https://help.github.com/articles/github-terms-of-service/#m-cancellation-and-termination). If you are a resident of a country outside the United States, your country’s minimum age may be older; in such a case, you are responsible for complying with your country’s laws.

(RETRIEVED FROM GITHUB TERMS OF SERVICE)

b.   **What rights do you give up by using this software?**

* People can access one’s work with ease
* Anyone can download it

c.    **What limitations do you have when using this software?**

* the use, disclosure, or display of your User-Generated Content;
* your use or inability to use the Service;
* any modification, price change, suspension or discontinuance of the Service;
* the Service generally or the software or systems that make the Service available;
* unauthorized access to or alterations of your transmissions or data;
* statements or conduct of any third party on the Service;
* any other user interactions that you input or receive through your use of the Service; or any other matter relating to the Service.  (RETRIEVED FROM GITHUB TERMS OF SERVICE)

3.   **Research about “Privacy Policy Agreements” and identify at least 3 main features of a privacy policy.**

* Collection and Use of Personal Information/Data
* Protection of Personal Information/Data
* Access to Personal Information/Data

4.    Review the GitHub privacy policy. (<https://help.github.com/articles/github-privacy-statement/>)

a.   **What information does GitHub collect and track?**

GitHub collects the visitor’s browser type, language preference, referring site, additional websites requested, and the date and time of each visitor request. They also collect personally identifying information like the IP address.

b.   **How does GitHub share your information? Copy and highlight the section that talks about information sharing.**

We do share User Personal Information with your permission, so we can perform services you have requested or communicate on your behalf. For example, if you purchase an integration or other Developer Product from our Marketplace, we will share your account name to allow the integrator to provide you services. Additionally, you may indicate, through your actions on GitHub, that you are willing to share your User Personal Information. For example, if you join an organization, the owner of the organization will have the ability to view your activity in the organization's access log. We will respect your choices. We do share User Personal Information with a limited number of third party vendors who process it on our behalf to provide or improve our service, and who have agreed to privacy restrictions similar to our own Privacy Statement by signing data protection agreements. (RETRIEVED FROM GITHUB PRIVACY POLICY)

c.    **How does GitHub communicate with you?**

GitHub will communicate to it’s users via email if the user has given their consent as to do so.

5.   **Explain how a “Privacy Policy” is different from a “Terms of Service” agreement.**

A privacy policy agreement is needed by law to collect and/or use any personal information from the users. A terms of service agreement sets terms, conditions, requirements that the user agreed to follow by when using an app/program.

**Level 2: Sign-up for GitHub**

GitHub will be used to share course files in a similar way to MyClass or D2L. The reason we are using GitHub is because this is the tool preferred by many software developers and is the most common way to share computer code on the internet.

The Peel School Board is concerned about the privacy and safety of its students and has issued the following guidelines for using third party applications:

·         Do not provide: First & Last Name

·         Do not provide: Birthday

·         Do not provide: Personal Address & Contact Information

·         Do not provide: Student Number

·         Your @pdsb.net email address can be used but cannot be used as a login id.

1.   Based on your understanding of the GitHub privacy policy, list two benefits and two drawbacks of following the Peel Board guidelines listed above.

Two benefits are that the user’s student information will not be public and that there can be no worry of any unknown sources gaining access to a user’s real information. Two drawbacks are the process of creating fake information could take long and accounts can still get hacked into

2.    Based on your understanding of the Peel Board guidelines listed above, plan what information you will provide when creating your GitHub account. Include the following:

·         User ID:

·         Password:

·         Email Address:

3.    Create an account on GitHub.com using information the follows the Peel Board guidelines listed above. Make sure to select the free student plan when creating your account.

4.    Create a new project repository for your ICS module work.

a.    Give your repository a meaningful name like “ICS2O0\_Work”

b.    Make sure to select “Include a ReadMe file”

5.    Email Mr. Nestor (p0079141@pdsb.net) the following information:

a.    Your Name

b.    The link to your repository

**Level 3: Organizing Your Personal GitHub Repository**

Your personal GitHub repository will be used to store and manage your work for this course. You should save partially completed work in your repository and you can update it at any time from school or at home. GitHub automatically keeps track of updates to your files. You should NEVER make multiple VERSION COPIES of your work files.

Your repository should be shared with your teacher and with other members of your work group.

Work will be submitted (handed in) by uploading it to your repository and by telling your teacher (by email) that it is complete. ONLY work uploaded to your repository will be considered handed in and will be marked.

1.    Sign in to GitHub:<https://help.github.com/>

2.    Locate user “Greg5519” (Mr. Nestor).  Open the class repository related to your course and section. (e.g. “ICS3C0”, “ICS2O0” etc.) Bookmark this repository as it will be the source for all course information and lesson files (much like D2L or Google Classroom is used by other teachers).

3.    Note the structure and organization of Mr. Nestor’s repository. In particular, note the folders such as “Topic 1 Computer Concepts” etc.

4.    Duplicate the organization structure and folder names in your personal repository. Your personal GitHub repository will be used to upload and manage your work completed for this course. Your repository needs to be well organized so that Mr. Nestor can easily find your work and give you credit for it.

a.    NOTE: There is a “trick” required to create folders in GitHub. See if you can find this trick and share it with your neighbours.

5.    Upload your answers to this module (i.e. the “Mod D1.1 Answers” Word file your created for

Level 1). Make sure to store it in the proper folder.

6.    Email Mr. Nestor (p0079141@pdsb.net) when you have completed this work.