**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:

1. Go to: “https://github.com/Greg5519/ICS2O0”
2. Open the folder “Topic D Environment And Systems”
3. Select the file “Mod D1.1 GitHub Introduction”
4. Download the file and save it to your student folder on the network
5. Rename the file to “Mod D1.1 Answers” and edit to include your answers
6. Research about “Terms of Service Agreements” and identify at least 3 main features of a terms of service agreement.

3 main features of a terms and service agreement include:

~User rights and responsibilities, including the accountability for online actions and definition of misuse

~Disambiguation and definitions of key words and phrases

~A disclaimer/limitation of liability clarifying the site’s legal liability for damages incurred by users

1. Review the GitHub terms of service. (<https://help.github.com/articles/github-terms-of-service/>)
   1. Are you permitted to use this software for this class? Copy and highlight the section that conforms this permission.

Yes, I am allowed to use this software for this class. GitHub states that “You must be a human to create an Account. You must be age 13 or older and your login may only be used by one person.”

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

By using this software, I give up some rights to GitHub. They have the right to refuse or remove my content and they have a license grant from me; however, this does not give them the right to sell or distribute my content.

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

Limitations include complying with the law and regulations, not posting anything unlawful, sexually obscene, defamatory or fraudulent, discriminatory or abusive, infringing on any rights of any party, contains or installs malware or exploits, to not harass, abuse, threaten, or incite violence, to not reproduce any part of the service, to not have excessive bandwith use and to not engage in any activity that harms any GitHub users.

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

3 main features of a privacy policy include:

~Specifying any personal information that will be gathered

~Disclosing whether or not information will be disclosed to third parties

~If data will be left on the computer (cookies)

1. Review the GitHub privacy policy. (<https://help.github.com/articles/github-privacy-statement/>)
   1. What information does GitHub collect and track?

GitHub collects cookies and web server logs, visitor’s browser type, language preference, referring site, additional websites requested, and the date and time of each visitor, and their IP Address. When creating an account, they collect your user name and password, email address, a potential real name and photograph. They track things such as cookies (to remember your login information if you ask them to, for example) and they also use a number of third party analytics and service providers to help us evaluate users' use of GitHub.

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

*“We do share certain aggregated, non-personally identifying information with others about how our users, collectively, use GitHub, or how our users respond to our other offerings, such as our conferences or events. For example, we may compile statistics on the usage of open source licenses across GitHub. However, we do not sell this information to advertisers or marketers.*

*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. Our vendors perform services such as payment processing, customer support ticketing, network data transmission, and other similar services.*

*We do share aggregated, non-personally identifying information with third parties. For example, we share the number of stars on a repository, or in the event of a security incident, we may share the number of times a particular file was accessed.”*

* 1. How does GitHub communicate with you?

GitHub communicates with you using your email address (if you say that’s okay).

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

A privacy policy is an agreement that is required by law if someone collects or uses any personal information. A terms of service agreement is not required by law, and it sets forth terms, conditions, requirements and clauses relating to the use of the service. The main difference is that a privacy policy talks about how the website uses your info, and terms of service talks about what you need to do to continue using that service.

**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.

Benefits: Nobody can doxx me or use my personal information

Drawbacks: I can’t use my real name or birthday, and have to make a fake one

1. 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
2. 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.
3. Create a new project repository for your ICS module work.
   1. Give your repository a meaningful name like “ICS2O0\_Work”
   2. Make sure to select “Include a ReadMe file”
4. Email Mr. Nestor (p0079141@pdsb.net) the following information:
   1. Your Name
   2. 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.
   1. 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](mailto:p0079141@pdsb.net)) when you have completed this work.