**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.

One main feature of the terms of service is the usage and this means that the terms of service agreement is used for legal purposes by companies which provide software or services. Another main feature is the content and this means that a terms of service agreement typically contains sections about user rights and responsibilities as well as proper or expected usage. Another main feature is the public awareness and this means that terms of service can change so several initiatives exist to clarify terms such as cancellation or termination of the account and copyright licensing on user content. The last main feature is the account terms and this is about account controls, required information, and account requirements.

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.

“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. 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.”

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

The rights that I give up by accepting the terms of service and using this software are the freedom of speech if I discriminate or harass anyone. This means that I can’t say bad things about any people or group. We also don’t have the right to impersonate any person or entity.

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

Some limitations that I have the free plan for this software, not the paid, which restricts me to have a public repository. We are also restricted to not posting any exploits or active malware.

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

Most website make their private policies viewable to the site visitors and they show if the site is gathering any personal information. Examples of this are name, address, credit card number, history and browsing habits. The private policy also explains if any data will be left on the user’s computer. The private agreements should also state if the data will be shared or sold to any third parties as well as for what purpose.

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

GitHub collects some basic information from the visitors to the website as well as some personal information from the users. GitHub only processes the information with our consent. GitHub does not collect information from children under 13 years old.

* 1. 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.”

* 1. How does GitHub communicate with you?

GitHub communicates with us through email and we have the ability to control this through the account setting.

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

The terms of service are written to protect you and it is not required by law. It also talks about what we are allowed to do and what will happen if we break the rules. The privacy policy is written to protect you and is required by law. It is about how your personal info will be shared and how your property rights will be handled.

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

**NOTE: Complete questions for Level 2 & Level 3 using the on-line version of this Module.**

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.

The benefits are that my personal information will be secure and my online identity won’t be easily tracked back to me. The drawbacks are that the experience on GitHub may not be personalized since GitHub is restricted to the amount of information it can take from us. GitHub will also not know our age or any personal interests. We cannot use GitHub for some professional because our real name is not used.

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 – My user ID will be “Jas2003.”
   * Password – My password will be “JasBeast\_1.”
   * Email Address – The email address that I will use is “[749613@pdsb.net](mailto:749613@pdsb.net)” which is my school email.
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.

I have done this.

1. 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”

I have done this.

1. Email Mr. Nestor (p0079141@pdsb.net) the following information:
   1. Your Name
   2. The link to your repository

I have done this.

**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.