**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.

* First one is the Acceptable User because it provides information about the basic rules that must be followed when using a GitHub Account
* Another main feature is the Copyright & DMCA Policy section because GitHub does not want other people stealing your work or you stealing someone else’s work
* The last main feature is the API Terms because these terms are really important when using GitHub’s APIs whether for development or data collection

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.

The requirements to use GitHub are the following, you must be a human to create an account, *y*ou must be 13 or over; you must provide a valid email address; and you may not have more than one free Account. You alone are responsible for your Account and anything that happens while you are signed in to or using your Account. You are responsible for keeping your Account secure. These requirements were found under “Account Requirements.” This means you are allowed to use this software for class.

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

When using this software you waive your moral rights and agree not to assert them against GitHub

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

You agree that you will not under any circumstances upload, post, host, or transmit any content that:

* is unlawful or promotes unlawful activities;
* is or contains sexually obscene content;
* is libelous, defamatory, or fraudulent;
* is discriminatory or abusive toward any individual or group;
* contains or installs any active malware or exploits, or uses our platform for exploit delivery (such as part of a command and control system); or
* infringes on any proprietary right of any party, including patent, trademark, trade secret, copyright, right of publicity, or other rights.

You agree not to reproduce, duplicate, copy, sell, resell or exploit any portion of the Service, use of the Service, or access to the Service without GitHub's express written permission.

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

* The first one is create an account because it requires basic information about the user.
* The second one is user personal information because it provides more information about their github users like real name, photographs.
* And last one is information of their github users that are not personal, but optimize the website and service.

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

GitHub collects basic information from visitors to our website, and some personal information from our users. We only require the minimum amount of personal information necessary from you.

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

We share information to provide the service to you, to comply with your requests, or with our vendors. We do not host advertising on GitHub and we do not sell your personal information. You can see a list of the vendors that access your personal information.

* 1. How does GitHub communicate with you?

We communicate with you by email. You can control the way we contact you in your account settings.

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

Terms of Service is directed more towards the user and what the user needs to do in order to use the site. Privacy Policy is more dependent on GitHub and is controlled by them directly. It tells you what they do to protect the user’s information and other things.

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

**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.
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: SplashGod
   * Password: Winteriscoming\*\*\*\*
   * Email Address: 622306@pdsb.net
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.
   1. Give your repository a meaningful name like “ICS2O0\_Work”
   2. Make sure to select “Include a ReadMe file”
5. Email Mr. Nestor (p0079141@pdsb.net<mailto:gregory.nestor@peelsb.com>) 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)<mailto:gregory.nestor@peelsb.com>) when you have completed this work.