**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.

“Terms of Service Agreements” are used so that abuses are prevented. It prevents multiple comments, etc. The agreements are also used so that you own your own content. You are the owner of logos you create, content you generate, the design of your website and so on. That content is protected by international copyright laws. The last feature is the governing law. The Terms of Service is usually governed by the laws of the country and state/province it was created in.

Link used: <https://termsfeed.com/blog/5-reasons-need-terms-conditions/>

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, you are. The program only requires a real email address. Everything else can be made up. The only time additional information is needed is when a paid account is choosen. There is a free account available.

#### 2. Required Information

You must provide a valid email address in order to complete the signup process. Any other information requested, such as your real name, is optional, unless you are accepting these terms on behalf of a legal entity (in which case we need more information about the legal entity) or if you opt for a [paid Account](https://help.github.com/articles/github-terms-of-service/#l-payment), in which case additional information will be necessary for billing purposes.

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

Privacy is given up. Other users can see your personal information.

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

There is a limitation of liability. Github is not liable to users or any third party for loss of profits, use, goodwill, or data, or for any incidental, indirect, special, consequential or exemplary damages.

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

Three main features of a Privacy Policy Agreement is that it protects your info(it’s law basically), it tells you how your info is used, and it tells you where your info may be used.

Link Used: <https://termsfeed.com/blog/top-4-reasons-you-need-privacy-policy/>

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

When only browsing the website, they collect basic information such as the browser type, language preference, referring site, additional websites requested, and the date and time of each visitor’s request. Some information taken from the users who have accounts are usually the time and date of creation, email address, a created username and password, and the option which users must give personal information.

* 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 by email only if the user says its ok.

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

A Privacy Policy is about personal information a user shares. “Terms of service” is the terms a user must accept before using the website.

**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.  
   Two benefits of the Peel District School Board guidelines are that you can use your school email in online websites and tells not to use personal information. Two drawbacks are that
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  
     I will use my school email address. I will create a random User ID and Password that doesn’t have my personal information in it.
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) 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.