**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 terms of service agreement.

Three main terms of service agreements for the website GitHub are acceptable to use which restricts users from posting illegal, abusive, copyrighted material on GitHub. A second agreement is D user-generated content where whatever you post on GitHub is yours and your responsibility but GitHub has the right to share it, delete it and etc. Lastly, an agreement is Private Repositories in which whatever you post on your respiratory is secret but, GitHub may access it for support or security purposes.

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 confirms this permission.
   2. What rights do you give up by using this software?
   3. What limitations do you have when using this software?
2. The term Account Requirements states that users have to be a minimum of 13 years to use the website, a grade 10 class mostly ranges from the age 15-16.

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.

b) When using GitHub you must provide personal details (name, email, age) and GitHub will have somewhat of ownership over your posts.

c) Restrictions on the website GitHub are that you are not allowed to post illegal or abusive content as it would violate Section B number 2 & 3.

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

Three main privacy policies that GitHub requires are What information GitHub collects and why, what information GitHub does not collect and how we [GitHub] share the information we collect.

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

If you are only browsing the website, GitHub will collect the user’s browser, language, date and time and etc. If you have an account, the website will take your name, email address, a photograph and etc.

* 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 the 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 will communicate you through the email address you provide them when signing up.

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

A privacy policy is where the website tells you what information of yours will they collect and terms of service are rules, conditions, requirements, you have to agree upon to use the website.

**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 that 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
   * 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.
   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.