**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.

The three main features of a Terms of Service Agreement are privacy of account, protection from criticism and lawsuits, and users rights and responsibilities.

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 section that conforms the permission for us to use these accounts is the two rules that we must be human and over the age of 13 meaning we are legally provided permission to own these accounts.

#### Account Requirements

We have a few simple rules for User Accounts on GitHub's Service.

* You must be a human to create an Account. Accounts registered by "bots" or other automated methods are not permitted. We do permit machine accounts:
* A machine account is an Account set up by an individual human who accepts the Terms on behalf of the Account, provides a valid email address, and is responsible for its actions. A machine account is used exclusively for performing automated tasks. Multiple users may direct the actions of a machine account, but the owner of the Account is ultimately responsible for the machine's actions. You may maintain no more than one free machine account in addition to your free User Account.
* One person or legal entity may maintain no more than one free Account (if you choose to control a machine account as well, that's fine, but it can only be used for running a machine).
* 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](https://help.github.com/articles/github-terms-of-service/#m-cancellation-and-termination). 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.
* Your login may only be used by one person — i.e., a single login may not be shared by multiple people. A paid Organization may only provide access to as many User Accounts as your subscription allows.
  1. What rights do you give up by using this software?

The rights you give up by using this software are firstly how you information/content is shared and second how and when you could delete it.

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

The limitations are firstly the type of content you could post and secondly how it should be posted.

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

The three main features of a terms of Privacy Policy Agreements are security of account, how account is accessed, and accountability.

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

GitHub collects and tracks any information posted on their website and store it into their data base.

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

 GitHub collects and tracks any information posted on their website and store it into their data base and shows it to you and other users.

#### License Grant to Us

We need the legal right to do things like host Your Content, publish it, and share it. You grant us and our legal successors the right to store, parse, and display Your Content, and make incidental copies as necessary to render the Website and provide the Service. This includes the right to do things like copy it to our database and make backups; show it to you and other users; parse it into a search index or otherwise analyze it on our servers; share it with other users; and perform it, in case Your Content is something like music or video.

This license does not grant GitHub the right to sell Your Content or otherwise distribute or use it outside of our provision of the Service.

* 1. How does GitHub communicate with you?

GitHub only communicates with users through email.

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

privacy Policy is different from a Terms of service in the way that privacy policy is required by government were as terms of service is rules set by the host its self.

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

A

**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.

The benefits of following the Peel Board guidelines are firstly you are firstly your personal information is protecting and second you don’t need to have a personal email to get an account.

The drawbacks of following the Peel Board guidelines are firstly you are firstly its harder to remember fake information when having to sign in to your account and secondly some time the school email doesn’t work on some websites.

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

The information I will be providing is A made up user Id and password my school email address and telling them that the account is for school purposes only.

1. 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.
2. 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”
3. 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.