**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.**

* *Inform users that your program’s content, logo, and other is your property and is protected by copyrights and third party clients like cookies and etc.*
* *Inform users that you are admin, meaning specifically that you are able to remove them (ips, accounts, etc.) in case of spam, abuse, hack, etc.*
* *Co-admins, owners info, etc., informing users of which authorities are who, for example, but not limited to, companies that work with you, people, and so on.*

1. **Review the GitHub terms of service. (**[**https://help.github.com/articles/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, this software was introduced to us by our teacher himself.*
* *User must be human, or other intelligent extra-terrestrial alliance.*
  1. **What rights do you give up by using this software?**
* *Your content and privacy that you do not let others use, so programs you have developed, plugins, etc. Anyone may fork it.*
  1. **What limitations do you have when using this software?**

***Some examples of limitations are:***

* *Making revenue doing activities related to business admins are not familiar of, so making profit off their website.*
* *Repository and programs must not exceed 1GB. If so, user will receive a polite email asking them to reduce it.*

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

* *It informs the user of what information the service may use.*
* *It explains the consequences of breaking the rules and interfering with another users privacy.*
* *It informs the user that the site collects all information of the user, even if it is only browsing.*

1. **Review the GitHub privacy policy. (**[**https://help.github.com/articles/github-privacy-statement/**](https://help.github.com/articles/github-privacy-statement/)**)**
   1. What information does GitHub collect and track?
   2. How does GitHub share your information? Copy and highlight the section that talks about information sharing.
   3. How does GitHub communicate with you?
2. **Explain how a “Privacy Policy” is different from a “Terms of Service” agreement.**

*Privacy policy is different from a terms of service agreement for the fact that privacy policy informs about the users standards or privacy in the public site, and terms of service informs about the conditions of the service they provide on 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 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 benefits listed are:

* *Personal info not required in signing up or other cases.*
* *GitHub has the best documentation and coding made by developers.*

2 drawbacks listed are:

* *Email is required there for emails and ads get forwarded to you.*
* *Account and contents are public and can easily be forked. Private accounts are to be paid for.*

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

*Coding, programs, for example, trying to make a program, you put ur code on there. Repositories, meaning a file that contains your valuable files,, so things you would like to archive, etc..*

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.