**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](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:

a)   Go to: “https://github.com/Greg5519/ICS2O0”

b)  Open the folder “Topic D Environment And Systems”

c)   Select the file “Mod D1.1 GitHub Introduction”

d)  Download the file and save it to your student folder on the network

e)  Rename the file to “Mod D1.1 Answers” and edit to include your answers

1.   Research about “Terms of Service Agreements” and identify at least 3 main features of a terms of service agreement.

3 main features regarding the terms of service agreement is usage, content and public awareness.  Usage is legal access to software and services like browsers, e-commerce, search engines etc. Content on the other hand typically contains sections for one or more topics like privacy policy outlining the use of personal data and payment details such as membership or subscription fees. Public awareness by including statements on determining if the site information is outdated and determine if the information is valid.

2.   Review the GitHub terms of service. (<https://help.github.com/articles/github-terms-of-service/>)

a.  Are you permitted to use this software for this class? Copy and highlight the section that conforms this permission.

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.

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

The rights that users give up by using this software is losing their privacy rights and ownership rights as GitHub can share your work and also can remove the content. Furthermore, users could lose their rights by having it displayed. Finally, the website could also make copies of the user’s work. Another right I will lose is the ability of making my content private.

c.       What limitations do you have when using this software?

The limitations of this website is the terms of service and law. Furthermore, limitations can also be the amount of projects you make, the object size is 2 gigabytes (Gb). Also, another limitation could be the rate limits as the maximum rate limit is 5000 per hour. Rate limit is being the amount which the system could handle. Also, there will be no revenue generated from this content and only one account per individual.

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

The main features of Privacy Policy are telling the user on what service they use, what information will be kept private and the many consequences of breaking someone else’s privacy.

4.   Review the GitHub privacy policy. (<https://help.github.com/articles/github-privacy-statement/>)

a. What information does GitHub collect and track?

Information which GitHub collects and tracks is user’s personal data and the collection of basic from visitors of the website to see what kind of individuals go on their website.

b.  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 (GitHub Help)

c.  How does GitHub communicate with you?

GitHub communicates with a user by sending emails towards the user. Users can control the way how GitHub contacts you.

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

Privacy Policy agreement is required by law to collect and use any personal information from your users. This agreement is only used to collect personal data from users of that particular website or software

Terms and Conditions agreement is setting the terms, requirements and clauses relating to 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.

One benefit regarding the guidelines of the Peel District School Board is that your identity will always remain secure and cannot be shared with third party sources. Another benefit is being able to have quick access using the pdsb.net email as you get instant access from the school. Drawbacks regarding GitHub is the credibility for professional use your real name cannot be used. Another drawback is the lack of username variety as you are restricted from using any sorts of personal information on the site.

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 using for my User ID is that my username will be RishRaak245 as it includes a mix of numbers and letters. My password I will be using is BlueRed386 as it has combination of capital, lowercase letters and numbers. I will be using my school email for the email section of Github.

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.