**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.

One main feature of the terms of service is Account terms, where the website asks for basic information like email, password, username and etc. Another main feature of the terms of service is Acceptable use, like complying with laws, being respectful, using the website with a limit. Basically the basic rules that you should follow when using the account. One more feature is content, which refers to content one the website that can be used or seen. One final feature is Public Awareness, where if terms of service agreement is changed than all users, companies and etc. will be notified at least a week or more before the change occurs.

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.

“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.” Also you must also be human to use this website.

<https://help.github.com/articles/github-terms-of-service/>

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

You mainly give up your privacy and ownership rights when you accept the terms of service agreement

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

Github can remove your content, Github has the right to remove or refuse your content. They can suspend your account for excessive bandwidth usage and inappropriate behavior.

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

One feature of privacy policy agreement is that your information, like name, email, phone number, credit card are protected and secure. The privacy policy makes sure that no website or organization takes that information and makes it public or gives it. Another feature is your content is also secure and is identified as owned by you. One final feature is

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

Github collects information from website broswers, like what you opened on their website, which browser you have, date and time you visited the website, which website you came from and etc. It also collects information from users with accounts, basically your email, password, and username. Github does not collect sensitive personal information, such as genetic data and Social security numbers

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

“We do not share, sell, rent, or trade User Personal Information with third parties for their commercial purposes, except where you have specifically told us to (such as by buying an integration from Marketplace).

We do not host advertising on GitHub. We may occasionally embed content from third party sites, such as YouTube, and that content may include ads. While we try to minimize the amount of ads our embedded content contains, we can't always control what third parties show. Any advertisements on individual GitHub Pages or in GitHub repositories are not sponsored by, or tracked by, GitHub.

We do not disclose User Personal Information outside GitHub, except in the situations listed in this section or in the section below on Compelled Disclosure.

We do share certain aggregated, non-personally identifying information with others about how our users, collectively, use GitHub, or how our users respond to our other offerings, such as our conferences or events. For example, we may compile statistics on the usage of open source licenses across GitHub. However, we do not sell this information to advertisers or marketers.

We do share User Personal Information with a limited number of third party vendors who process it on our behalf to provide or improve our service, and who have agreed to privacy restrictions similar to our own Privacy Statement by signing data protection agreements. Our vendors perform services such as payment processing, customer support ticketing, network data transmission, and other similar services. When we transfer your data to our vendors under Privacy Shield, we remain responsible for it. While GitHub processes all User Personal Information in the United States, our third party vendors may process data outside of the United States or the European Union. If you would like to know who our third party vendors are, please see our page on Subprocessors.”

https://help.github.com/articles/github-privacy-statement/

* 1. How does GitHub communicate with you?

Github communicates with you through email, if you contact them for support they will respond to you by email. Even other users will communicate with you through email.

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

Terms of service are written to protect the website, it is not required by law, it is what you are allowed to do and tells you what happens if you break the rules. While a privacy policy, is written to protect you and is required by law, it is how your personal info will be shared and how your property rights will be handled.

**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.

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

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 of not using your real name is that your privacy is protected and no one knows who you are. One benefit of not providing your personal address and contact information is that your privacy is protected. One drawback is that fellow peers and teachers will not know who you are if you use a fake name. Another drawback is that it affects your credibility as a professional.

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
2. 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.
3. 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”
4. 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.