**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 first feature of a terms of service agreement is to prevent abuses. The terms of service agreement is a legal unbreakable contract between you and your users. This agreement lays rules that users must agree to, to follow through with the website or mobile app.

The second feature of a terms of service agreement is own your content. For example, let’s say you posted a picture of your car, but you don’t want people to use the picture of your car you have to put a copy right on it.

The third feature of a terms of service agreements is usage. This is mainly used for legal purposes by companies which provide software or services such as browsers, e-commerce, search engines, social media, and transport services.

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. These are the basic rules you must follow when using your GitHub Account.
   2. What rights do you give up by using this software? Your use of the Website and Service must not violate any applicable laws, including copyright or trademark laws, export control laws, or other laws in your jurisdiction. You are responsible for making sure that your use of the Service is in compliance with laws and any applicable regulations
   3. What limitations do you have when using this software? We will not be liable for damages or losses arising from your use or inability to use the service or otherwise arising under this agreement
2. Research about “Privacy Policy Agreements” and identify at least 3 main features of a privacy policy.

The first feature of the privacy policy agreements is, Required by Law. The most important reason Privacy Policies are useful is because you’re most likely required by the law to have one posted on your website.

The second feature of the privacy policy agreements is, Required by Third Party Services. Most of the third party services you use to improve your website’s user experience, monitor analytics or display advertisements also require you to post a Privacy Policy on your website.

The third feature of the privacy policy agreements is, Transparency. As more and more people online are becoming aware of privacy laws, having a Privacy Policy displayed on your website that discloses how you gather and handle your visitors’ personal information is a great way to build trust and help your website users feel secure.

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

*“If you're* ***just browsing the website****, we collect the same basic information that most websites collect. We use common internet technologies, such as cookies and web server logs. This is stuff we collect from everybody, whether they have an account or not.”*

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

GitHub does not share information to third parties for commercial use. They share some non-personally identifying information with others. GitHub will also ask the user for consent to share their information or not. GitHub may share user personal information to some third parties to improve the service of GitHub.

*“We do share User Personal Information with your permission, so we can perform 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. Explain how a “Privacy Policy” is different from a “Terms of Service” agreement.

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

1. A privacy policy is required by law if the service is collecting and using user’s data, like their name and email address. On the other hand, the terms of service sets up the conditions and the requirements to use the service, for example no discriminatory words should be used.

**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 usi

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.

**Benefits:**

1. Your identity will remain secure and your real identity cannot be accessed by a third party.
2. By using the pdsb.net email, the GitHub account is easily accessible from school and the email is easy to memorize.

**Drawbacks:**

1. Due to the restriction on the use of personal information, the options for a user name decrease. This leaves you with less options of usernames that you can use.
2. If you wanted to use the GitHub account for professional use, you can’t because your real name is not used.

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 fah56
   * Password Fadeelah2008
   * Email Address Faheemhanif@icloud.com
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.

I have used the Free student plan for GitHub.

1. 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”

I have created a new project repository for my ICS module work.

1. Email Mr. Nestor (p0079141@pdsb.net) the following information:
   1. Your Name
   2. The link to your repository

I have emailed Mr.Nestor my name and a link to my 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.