**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.

* Acceptable use: content restrictions, service usage limits, privacy.
* Payment: pricing, payment responsibility, authorization.
* Account terms: required information, account security, account requirements

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/#b-account-terms**](https://help.github.com/articles/github-terms-of-service/#b-account-terms) **(link used)**

* 1. Are you permitted to use this software for this class? Copy and highlight the section that conforms this permission.
* In the terms of service, it states that you have to be a human over the age of 13. Section 4 under definitions states that “A User must be at least 13 years of age.”
* Under the account terms, it states that a human over the age of 13 must create the account. The short version states “a human must create your Account; you must be 13 or over”
  1. What rights do you give up by 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.” This states that GitHub is not responsible for Any damages or losses that occur to you.

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

You understand and agree that we will not be liable to you or any third party for any loss of profits, use, goodwill, or data, or for any incidental, indirect, special, consequential or exemplary damages, however arising, that result from

* the use, disclosure, or display of your User-Generated Content;
* your use or inability to use the Service;
* any modification, price change, suspension or discontinuance of the Service;
* the Service generally or the software or systems that make the Service available;
* unauthorized access to or alterations of your transmissions or data;
* statements or conduct of any third party on the Service;
* any other user interactions that you input or receive through your use of the Service; or
* any other matter relating to the Service.

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

* How GitHub secures your information
* What information GitHub collects and why
* How GitHub shares the information they collect

1. Review the GitHub privacy policy.

**(**[**https://help.github.com/articles/github-privacy-statement/**](https://help.github.com/articles/github-privacy-statement/)**) Link used**

* 1. What information does GitHub collect and track?
* If you **create an account**, we require some basic information at the time of account creation. You will create your own user name and password, and we will ask you for a valid email address. You also have the option to give us more information if you want to, and this may include "User Personal Information."
* The information we collect about all visitors to our website includes the visitor’s browser type, language preference, referring site, additional websites requested, and the date and time of each visitor request. We also collect potentially personally-identifying information like Internet Protocol (IP) addresses.
  1. How does GitHub share your information? Copy and highlight the section that talks about information sharing.

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](https://blog.github.com/2015-03-09-open-source-license-usage-on-github-com/). 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](https://help.github.com/articles/github-privacy-statement/#githubs-global-privacy-practices), 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.

* 1. How does GitHub communicate with you?

We will use your email address to communicate with you, if you've said that's okay, **and only for the reasons you’ve said that’s okay**. For example, if you contact our Support team with a request, we will respond to you via email. You have a lot of control over how your email address is used and shared on and through GitHub.

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

Terms of service are requirements that are related to the use of the website. These terms are applied to the user. If the terms are not followed, it could result in the website taking action. Privacy policy is your personal information and how it is collected by the website. This could include names, addresses, email addresses, etc.

**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. 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
3. 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.
4. 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”
5. 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 neighbors.
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.

Harshschoolwork- Github username