**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.

* Proper or expected usage; definition of misuse
* Accountability for online actions, behavior, and conduct
* [Privacy policy](https://en.wikipedia.org/wiki/Privacy_policy) outlining the use of personal data

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 a human to create an Account. Accounts registered by "bots" or other automated methods are not permitted. We do permit machine accounts: You must be age 13 or older

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

You understand that you will not receive any payment for any of the rights granted in Sections D.4 — D.7. The licenses you grant to us will end when you remove Your Content from our servers, unless other Users have forked it.

* 1. 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. 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.

[Personal information](https://en.wikipedia.org/wiki/Personally_identifiable_information) can be anything that can be used to identify an individual, not limited to the person's name, address, date of birth, marital status, contact information, ID issue and expiry date, financial records, credit information, medical history, where one travels, and intentions to acquire goods and services

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

We use a number of third party analytics and service providers to help us evaluate our users' use of GitHub; compile statistical reports on activity; and improve our content and website performance. We only use these third party analytics providers on certain areas of our website, and all of them have signed data protection agreements with us that limit the type of personal information they can collect and the purpose for which they can process the information. In addition, we use our own internal analytics software to provide features and improve our content and performance.

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

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. 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**.

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

It is different because privacy policy is like your personal information used to create an account. Terms of service is like the terms that you need to agree on to create the account.

**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.  
   Two benefits are that , one it is keeping our personal information safe and you won’t be hacked. Some draw backs are you have make a fake first and last name, plus a fake birthday.
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 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.