**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.

Terms of Service Agreements are rules that a person must abide to in order to use a service. Often, such agreements include the following:

* Rules and restrictions for users
* Copyright, trademark, and property rights
* Customer support
* Payment/Subscription information
* Licensing Rights
* Disclaimer of the rights that the service provider has (e.g. terminating abusive accounts)

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.

Yes, the basic requirements for using this software are:

“ *User Accounts and Organizations have different administrative controls; a human must create your Account; you must be 13 or over; you must provide a valid email address; and you may not have more than one free Account. You alone are responsible for your Account and anything that happens while you are signed in to or using your Account. You are responsible for keeping your Account secure”.*

These basic account terms clearly do not prohibit students from using the software for class.

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

The content that users post is owned by them, but many rights are given to the software including:

* The right to remove content
* The right to store and display user content
* The right for other viewers to see your content as well as make copies of it
* Moral Rights are waived
* Contributions under Repository
  1. What limitations do you have when using this software?
* Users have conduct restrictions (e.g. inciting violence, impersonation, abuse)
* Users have content restrictions (cannot post anything that is highlighted in section C2)
* Users are limited as they agree to not reproduce or duplicate anything from the service
* Content that is posted is owned by users, but certain rights are given to the service
* Advertising personal content is limited

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

Privacy Policies include the type of information that a service collects from its users, the purpose for collecting the data as well as data storage, security, and access.

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 browsers and information from users with accounts. Basic information is collected if someone is browsing the website using cookies and web server logs. GitHub collects information on language, date and time of visit, visitor’s browser type from such users. The reason for this is to better understand how GitHub’s website visitors use GitHub and to protect the security of the website. For users that create accounts, GitHub collects information on their user’s personal information and other data to make recommendations for users such as suggested projects a user may want to contribute to.

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

GitHub states that they:

* “…do share User Personal Information with your permission, so we can perform services you have requested or communicate on your behalf.”
* “… **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.”
  1. How does GitHub communicate with you?

GitHub communicates with you using your email address, if you have said that it is okay, and only for the reasons you have said that is okay.

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

A privacy policy is a legal document that states all the ways a service gathers, users, manages, and reveals a customer’s information. On the other hand, a terms of service agreement highlights the rules that the customer must accept in order to use the service being provided.



**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.

Benefits:

* Limiting personal information protects us from giving our identity away to unwanted strangers online
* We cannot be traced or harmed if we do not enter any personal information

Drawbacks:

* GitHub cannot recommend projects we are interested in to us without certain personal information
* The site is not improved for us based on personal preferences/information.

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- Fake Name
   * Password- Something that is not easy to guess
   * Email Address- Personal Email rather than School Email
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.