Module D.1

**Level 3: Terms of Service Agreement**

1. 3 main features in a terms of service agreement are privacy policy, account termination, and accountability.
2. Yes, we are permitted to use this software for class because we are not breaking any of the rules on the terms of service *(“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.”)*
   1. By using this software I am giving Github permission to change my on-file credit card.
   2. We are only allowed to make one free account.
3. A privacy policy explains what information is collected by the website about the user. It also explains how they use the information and how they protect their users personal information.

1. Github collects and tracks web server logs and cookies. In addition, they collect browser type, language preference, referring site, additional websites requested, the date and time of each visitor request, and ip address.
   1. Github shares my information by sharing statistics about how users use Github (*“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.” )*.
   2. Github communicates with its users by email only if the user confirms that they are okay with it.
2. Privacy Policy is different than Terms of Service because a privacy policy is used when websites collect information from a user and is required by law. While a terms of service agreement is a set of requirements that a user has to follow in order to be able to use a website.

**Level 4: Version Control Systems (VCS)**

1. A version control is a system that records changes to a certain file over time. 4 main features in a VCS is that it works on any platform, speed, size/scale, continuous integration testing.
2. Professional software developers use version control systems because VCS help to keep track of modifications made to the code. This helps software developers correct mistakes made by comparing previous versions of the code. VCS will be helpful in this course because it will help us correct mistakes made when we code.
3. Collaboration is the effort of multiple individuals working on a specific task. Github allows students to collaborate with teachers and other people by giving us access to certain projects other people are working on.
4. Backup is when a virtual copy of a file is made and stored on a secondary site. Github helps to backup your data by using a VCS.
5. Version control is a process designed to keep track of multiple different softwares. Github version control will be useful in this course because it allows us to work on multiple projects at once.
6. Distributed access is when components of a software system is shared among multiple computers. Github distributed access will be useful in this course because it will allow us to work on group assignments.