**4.5 I can archive the outcome of collaborative working**

Version control is important as it allows to generate backups, keep track of history and changes. Version control also enables one person to use multiple computers to work on a project, even if you are working by yourself. Version control uses a *repository* (a database of changes) and a *working copy* where you do your work.

There are 2 types of version controls, centralized and distributed. Distributed version is more up to date, has less errors and runs faster, has more features, but is more complex to understand.

There are many version control systems, Github is a well-known one.

Github is a cloud based, distributed-version control system, it saves different versions of a file, or files. It lets users access, update, compare, and distribute any of the recorded version(s) at any time. GitHub is mainly a hosting platform for hosting Git repositories online.