**ISYS3001 – Assignment 1 exercise**

Remember that this is a public repository - your changes could be seen by anyone who looks!

Add some comments about Version management outside this border, or just add some text so there is a change to this file.

Remember that your GitHub user ID must be submitted in your assignment report!

Once you’ve changed follow the next step in your assignment task.

Version Management

Version management, also known as version control or revision control, is a system and set of practices that allows individuals or teams to manage changes to documents, code, or any other type of files or data over time. The primary goal of version management is to track and control the evolution of these files, making it easier to collaborate, maintain, and recover previous states of the data. This is particularly in software development, document collaboration, and other areas where multiple people on the same set of files.

GitHub AccountName: aaro10

Build Management

1. The nightly build system of Mozilla Firefox is a crucial component of their development process, designed to manage changes to the software and systems on a daily basis. Here’s a brief description of how it works.
2. **Continuous Integration (CI) and Automation:** Mozilla Firefox employs a continuous integration approach, often daily or nightly. This automation is essential for ensuring that the latest code changes are regularly tested and integrated.
3. **Source Code Repository:** All code changes for Firefox are manage in a central source code repository, typically Git. Developers submit their code changes via branches or pull request.
4. **Nightly Builds:** Every night, a new version of Firefox is built form the latest code in the repository. These builds are often referred to as “Nightly Builds”. They include the most recent changes, bug fixes, and new features developed by the Mozilla community.
5. **Testing and Quality Assurance:** the nightly builds are subjected to an extensive battery of automated tests to detect any registrations or new issues introduced by the daily code changes. This includes functional, performance, and security testing.