Release Notes Report Module 2

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Date: 3/18/2023

1. **Overview**/General Remarks:
   1. Version Control Summary
      1. Describe the **benefits** of version control tools in organizing software development projects.

Version control tools such as Git and Bitbucket have revolutionized the way software development projects are organized and managed. Some benefits of using version control tools include tracking changes, backup generation, ease of experimentation in development, and collaboration (Metwalli 2020). Overall, version control tools provide a structured approach to software development, enabling developers to work more efficiently, collaborate effectively, and ensure the quality of the codebase.

* + 1. Describe how version control helped you **manage** your source code in developing the Calculator app.

The version control system implemented this week was very helpful in managing the changes I made. Unfortunately, due to technical difficulties with the Apporto app I had to migrate the code base from the U drive to the Z drive. Since the division function was added prior to the drive migration the initial commit in the local repo and the division branch were combined. However, this did not really affect my ability to effectively separate the commits of the different functions.

References:

Metwalli, S. A. (2020, October 14). *Version control 101: Definition and benefits*. Medium. Retrieved March 11, 2023, from https://towardsdatascience.com/version-control-101-definition-and-benefits-6fd7ad49e5f1