**Assessment 2: Program using source control**

1. Determine which source control tools you will be using to manage the source code. Please specify which tool(s) you have used and the location of your web repository.

The source control my team and I used for the group project is Git, the tools we used are CLI (command-line interface) and visual studio 2019. I personally used CLI when I was using TAFE computer and visual studio when I used my laptop to create repository/branches in GitHub and adding files.

1. Determine which application you will apply source control to. It is recommended that you use a group assignment, such as the Java AI Classification program. Ensure that the code is correctly added and updated in the source control system.

The app we applied Git source control to is Brickin-it group project we used visual studio to install git command packages and we create different branches ‘user’, ‘collection’, ‘sets’, ‘UI’. Personally I create branch ‘sets’ and I had some conflict when I merge to the master branch which I fix it by cancel the hold branch and creating a new pull request from the master, create a new branch and then merging again to the master.

1. Define the source control procedures that you have used. (eg.To save changes, undo changes, view change history/status, download or upload changes to a remote repository.) Also, explain how you would handle conflicts involving merging parallel development on different branches. Provide evidence by including sample commands or by taking screenshots of your interaction or commit history.