[Group 4] Status Report, January 30th [https://github.com/kennethken73/Group-4]

Executive Summary

Problem Statement

Software Design and Development requires clear communication between members of the team. Proficiency in the use of Github is integral to communication for Software Design and Development organizations.

Our Work towards this goal

As a team, the members of "Group 4" have taken their (our) first steps in getting acquainted with Github as a team. Most if not all members of Group 4 had used github for private use before.

Issues

However, shared repositories are a new challenge. (1)The use of a single, shared online repository with multiple local versions, (2)multiple branches, (3)multiple users and (4)multiple ways to interact with github/git are not simply additive of these four complexities; they compound. However, the quicker the mistakes, the faster the learning.

Another issue is that metrics are skewed. Most pull requests include files with no real changes, but where the only change was that the file was new to their local repo. Therefore, these 'new-to-them' but 'not-new-to-upstream' commits get credit for items already present. We will improve in this area.

To conclude, an example of our performance tracking:

