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| CSCI 265 |
| Project Debriefing Report |
| For the maintenance and improvement of KWIC |

# Project Debriefing Report

## Overview

This report will demonstrate the success of Assignments 3-4: KWIC Modification as requested by Professor Peter Walsh, Vancouver Island University.

## Project Management

As in our first project, the tool called Trello was used. As before, Trello proved instrumental in the initial planning of the coding to be done. Additionally, it proved highly effective in the organization of the tasks assigned to different subgroups. Trello facilitated observations regarding submitted materials and kept track of team conversations on these matters. As before, access to http://www.trello.com is available upon request.

Like the last project, all code and documentation was stored at the repository http://code.google.com. The revision control system used was GIT. GIT was chosen since it allowed for branching. This allowed the subgroups to branch and commit development code. Branches could then be merged with master when development on them was complete.

From our experience with the last project we learned that we should start early and define the tasks to be accomplished using documentation. We did this through the note structure used on Trello and the modification and adherence to MIS, MG, and Requirement Specifications.

We also used the experience we gained about working as a team from the first assignment to improve how we worked as a team for this assignment.

## Team Members

Despite the addition of a new member, all team members contributed to the project without any strife between teammates. That being said, the roles taken on by members of the group are different than the last project. Two main areas of work were completed. Lochlin dedicated his contributions to improving KWIC. His efforts jump started this project. The rest of the team worked on documentation and improving code standards.

## Team Hierarchy

As before, the team worked cooperatively on the project with Oliver elected by consensus to be our leader. This leader was tasked with overall management of the team. Oliver carried out these tasks faithfully and without abuse of the privilege that they granted.

## Decision Making Process

This team operated as a democracy. Since there were seven team members no deadlock policy was needed.

## Meetings

Formal meetings were held every Monday. Intermediate meetings were held as needed. Minutes were only held for formal meetings.

## Project Status

All parts of this project were completed. Performance increased from O(n2) to O(n). Output was coded to specifications and Line coverage was expanded to include all non-memory error lines of code.

## Issues Experienced

Our primary issue for this project was finding work for everyone to do. There was not much to do and splitting it up between 7 group members proved challenging.

As the second assignment in CSCI265, there was still some learning to be done. We faced the issue of syncing team activity. Because of the presence of MIS, MG, etc. in the project and the knowledge we gained from the first project, we experienced less issues with code integration, and team coherence. The final issue we faced was the conflict scheduling work on this project caused with our various family, school, and extracurricular commitments.

## Individual Team Member Debriefing Reports

Included in this project are individual team member debriefing reports. We feel that these reports are important because they provide each group member’s opinions of the team.