**Iteration 2:**

**Week 11:**

There was no group meeting and other group activities.

Due to so many assignments and exams crumped together, we sadly discovered that, nobody in the group has free time to be assigned and complete work.

The group work was delayed to next week, with both coding part(final enhancement of the system) and the presentation part(slides and practice).

**Week 12:**

**Group Meeting 1**

On May 30th we have the group meeting for the discussion of Iteration 2, and planed for both the new tests that we will add to further improve the reliability of our pipez project, and the upcoming presentation. We had to do it quickly, as we have fell 1 week later, and yet keeping the work done nicely. Thus, the new task allocated plan was decided.

**Goal of the week:**

Further develop the code to a bug-free level;

Make sure the test coverage is above 90% in every pipeline;

Prepare for the upcoming presentation, finish the slides, and get everyone well practiced.

j

**Initial Plan:**

|  |  |  |
| --- | --- | --- |
| Name | Coding task | Presentation task |
| zyin7098(Zeyuan Yin) | Issue 20([Write more JUnit tests for ReversePipe](https://bitbucket.org/Shuwei_Zhang/pipez_project_2017/issues/20/write-more-junit-tests-for-reversepipe)), Issue21([Write more test cases for EvenFieldsPipe](https://bitbucket.org/Shuwei_Zhang/pipez_project_2017/issues/21/write-more-test-cases-for-evenfieldspipe)) | Get prepared for his/her own speech part |
| szha3901(Shuwei Zhang) | Issue 22([Write more test for OddFieldsPipe](https://bitbucket.org/Shuwei_Zhang/pipez_project_2017/issues/22/write-more-test-for-oddfieldspipe)),  Issue23([Implement getName() method testcase for all pipeline tests](https://bitbucket.org/Shuwei_Zhang/pipez_project_2017/issues/23/implement-getname-method-testcase-for-all)) | Get prepared for his/her own speech part |
| mjin9986(Man Jin) | Issue24([implement createInverseIgnoreCase testcase for ValueMatchPipe](https://bitbucket.org/Shuwei_Zhang/pipez_project_2017/issues/24/implement-createinverseignorecase-testcase)) | Get prepared for his/her own speech part  Create the presentation slides |
| xhan8684(Xiao Han) | Issue 25([implement createInverseIgnoreCase testcase for FieldMatchPipe](https://bitbucket.org/Shuwei_Zhang/pipez_project_2017/issues/25/implement-createinverseignorecase-testcase)) | Get prepared for his/her own speech part  Create the presentation slides |

**Tools used: eclipse java developer and Microsoft Powerpoint.**

All these issues, except issue20([Write more JUnit tests for ReversePipe](https://bitbucket.org/Shuwei_Zhang/pipez_project_2017/issues/20/write-more-junit-tests-for-reversepipe" \o "#20: Write more JUnit tests for ReversePipe)), were raised after we checked the coverage of all test cases. These test cases covers either not-well-noticed coding blocks(issue 20 21), or previously ignored functions(issue 23) or test cases for newly edited source code(issue 24 25). The addition of these test cases raised their test-coverage to over 95%, they can ensure our final product is a well reliable one, and it’s marketing-ready.

Since we all have the experience of fixing bugs from Iteration 1, the coding tasks was completed without any major problems. The only problem is still, the using of Git. Group members helped each other to push the codes and solve issues correctly.

**Group Meeting 2**

On June 1st, the last group meeting of Iteration 2. We had a conversation about the finished coding work, and the coming presentation task. The coding work was done nicely, and we all pushed our code to Bitbucket after confirmation that we won’t make a merge conflict. And at end of the meeting we edit the name of the issues to make it more convenient to check.

However, during the practice of the presentation, we discovered a huge problem ---- the presentation slides was not made in the correct manner, that didn’t meet the requirement of the project information, and need a complete remake, since it was made more of a group report(like this) style, but not in a marketing presentation style. The discovery was very out of expect and shocked us, we had to give a quick change to the plan and make a new presentation slide that meets the requirement.

**The changed team plan(plan B):**

|  |  |
| --- | --- |
| zyin7098(Zeyuan Yin) | *Direct the presentation,*  *Fix the presentation slides* |
| szha3901(Shuwei Zhang) | *Create the presentation slides* |
| mjin9986(Man Jin) | ~~Create the presentation slides~~ |
| xhan8684(Xiao Han) | ~~Create the presentation slides~~ |

After we fixed the presentation slides, we practiced it well, and on the following day, we also performed well, as expected.

**Evaluation:** this week was a hard week, our group members had to compress the work for two weeks into one week, to maximize their time management efficiency for other subjects. Moreover, serious problem developed during our second group meeting, as the presentation slides was inappropriate. However, our group members showed great agility and flexibility, to fix the problem ASAP and in good quality as well, and our coding goal was completed without trouble. On the following day, our presentation went greatly, everyone was happy about that, our hard work got paid finally.

**Week13:**

**Goals for the week:** Finish the group report and everyone’s individual statement, ending of the project.

**Appointment:**

|  |  |
| --- | --- |
| **zyin7098(Zeyuan Yin)** | **Individual statement, Group report on iteration 1, timeline arrangement.** |
| **szha3901(Shuwei Zhang)** | **Individual statement, Group report on iteration 2.** |
| **Mjin9986(Man Jin)** | **Individual statement** |
| **Xhan8684(Xiao Han)** | **Individual statement** |

**What was done:** All finished, without any conflict with initial plan.

In this last week, everyone from the group finished their individual statement, including their work, their plan, etc. Based on these statements and activity recordings on Bitbucket, zyin7098(Zeyuan Yin) arranged a timeline for all our activities from week to week. zyin7098(Zeyuan Yin) and szha3901(Shuwei Zhang) summarised them altogether, and finished this group report by Microsoft Word, based on individual reports and the timeline.

**Evaluation:** everything went nicely. The finish of report means the ending of the whole project, everyone was happy to see what we have achieved after this many weeks of hard work.

**Conclusion:**

The ending of this project is pretty nice, as expected, though we still can make it better.

Our final achievement is a **methods fixed, well tested, bug free** system, and we achieved that.

In each week, we worked mostly as well as expected, most of the job was completed in time and in quality, every group member showed his/her contribution to the group. Every group member has shown great improvement of his/her ability, like coding, presenting, and group communicating & collaboration.

The only thing that we failed to do is, to further enhance the system, like making new pipelines, etc. The reasons that this was not finished are:

* Bad time management
* Lack of knowledge of coding
* Lack of creativity

These three points are the main reason that we failed to further enhance the system, though we have completed the goal we set at start. We will take well caution when we have more project, and further improve ourselves.

After all, this project is a great success!

Thank you.