Statement of Work

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Project Group 20

ECSE 321

https://github.com/McGill-ECSE321-Fall2021/project-group-20

Abstract

This document is to provide insight on what members did what, so that the contributions of every member can be properly understood and that we can confirm that as a team this was an agreed upon distribution of work.

Statement of Work

We will list the work done by every member here and display the results of this work as demonstrate by GitHub. We will then reveal the inner workings of the team which will explain the how some commits are done.

Distribution of Work

Alexandru Bangala: Integration test, generate model, pushed group work, JavaScript library, Gradle setup, Customer, Employee and User

Dan Hosi: Library System, Address, Calendar and ReadMe

Ehsan Ahmed: Title, Author

Abdelmadjid Kamli: Item and its subclasses (including integration tests for those)

Harsh Patel: Booking, Hour, Event, ReadMe, Statement of Work, Software Quality Assurance Plan and Report

Results

In table 1, we can see the lines of code written by each team member and the number of commits made. As we can see one of our team members, Alexandru Bangala, has much more lines of code then the rest of the team members (who all have a consistent number of lines)
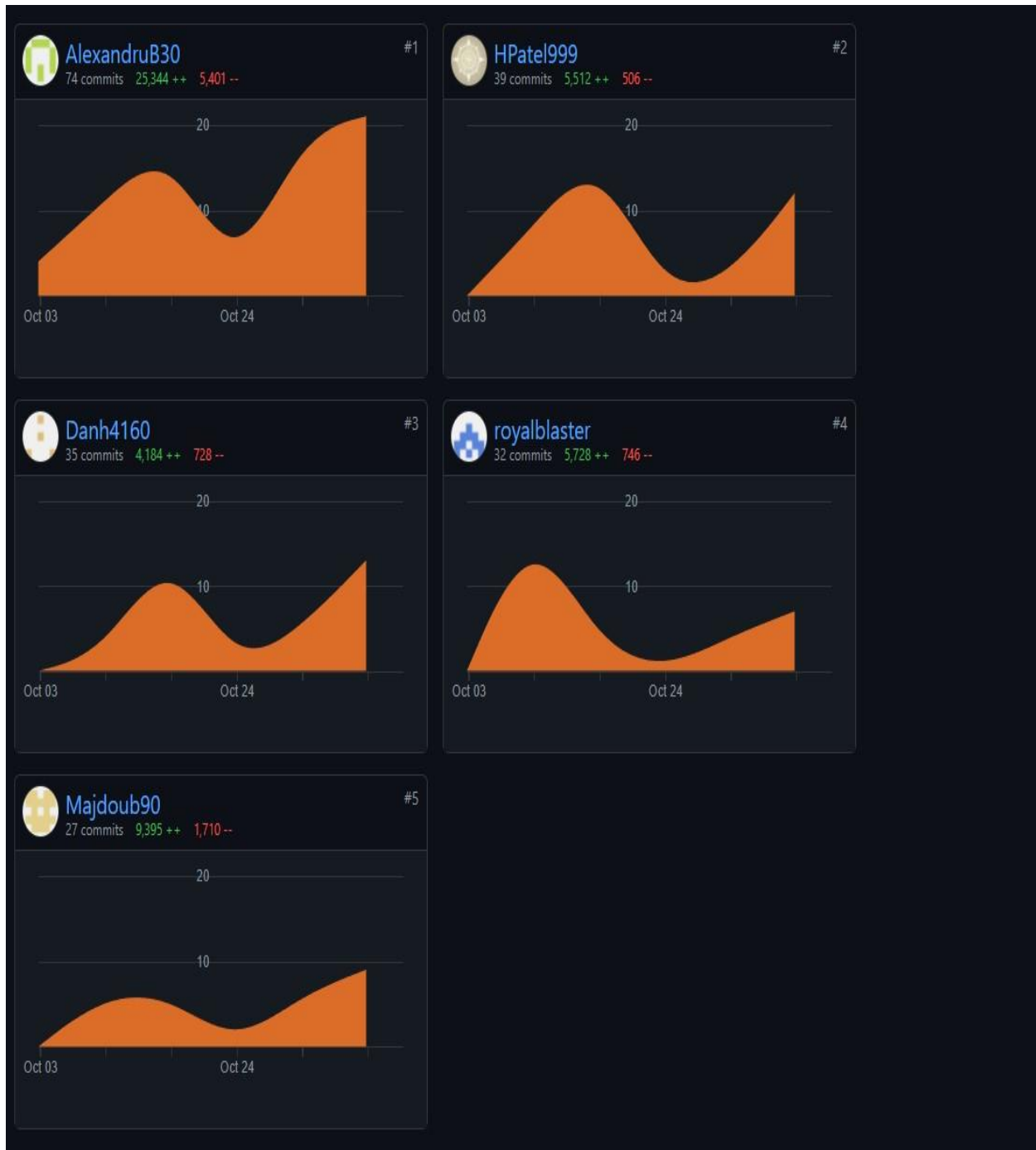
Explanation

We will explain the amount of line written by Alexandru in the following description. As detailed above Alexandru was the one who pushed the Umple Generated code for all the classes in our model, which is a lot of code, since we generated it more than once. Alexandru was also the one to setup the Gradle build and the JavaScript library since he was familiar with such procedures, this also contributes to a huge number of lines. Finally, another explanation is that when the team met up to solve big bugs and implement big fixes, we did so using Alexandru as a

central point and he would then commit those changes we made as a group and tag us. Alexandru

was also the one who forwarded the idea of using JavaScript for the integration tests, even

though at that point of the deliverable he was the only who efficiently understood how to use

JavaScript (though Abdel (Majdoub90) was able to do the tests for his class later in the

deliverable which explains the extra lines he had). This then led Alexandru to write the

integrations tests for most of the classes except for Item and its subclasses. For the number of

commits, Alexandru was also the only one to make intermediate commits so he could work on

two different computers, which also augmented the number of his commits.

Tables

Table 1

Add GitHub Contributor Table

Note: Taken at 2021-11-11 at 11:11 PM