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. 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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Head | Column Head | Column Head | Column Head | Column Head |
| Row Head | 123 | 123 | 123 | 123 |
| Row Head | 456 | 456 | 456 | 456 |
| Row Head | 789 | 789 | 789 | 789 |
| Row Head | 123 | 123 | 123 | 123 |
| Row Head | 456 | 456 | 456 | 456 |
| Row Head | 789 | 789 | 789 | 789 |

Note: [Place all tables for your paper in a tables section, following references (and, if applicable, footnotes). Start a new page for each table, include a table number and table title for each, as shown on this page. All explanatory text appears in a table note that follows the table, such as this one. Use the Table/Figure style, available on the Home tab, in the Styles gallery, to get the spacing between table and note. Tables in APA format can use single or 1.5 line spacing. Include a heading for every row and column, even if the content seems obvious. A default table style has been setup for this template that fits APA guidelines. To insert a table, on the Insert tab, click Table.]