# Matrix

## Meeting Minutes

05/10/2021

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| Present: | JM, Zac |
| Next meeting: | 12/10/2021, 8:30am |

1. Announcements

Start sprint 2:

* Discuss requirements for application ( Additional buttons and functionality)
* Discuss and design GUI
* Discuss algorithms and pseudo code for statistical calculations (Mid-Extreme, Mode, Average, Range)
* Source Control and Use of GitHub

1. Discussion

**Requirements:**

We determined the following program functionality to be included as per client request:

* Buttons to calculate (mid-extreme, mode, average, range)
* All GUI components to have detailed tool tips.
* Additional search button with sequential algorithm.

Furthermore, the mathematical calculations involve will be displayed on a separate box that is formatted to 2 decimal places. The program will also generate feedback messages such as errors when box is empty, search not successful, and/or when successful.

**Source Control:**

We discussed and determined that we will use Git/GitHub as facilities to store documents, code, and track the progress of tasks involved.

**GUI**

We have also discussed and created the final draft design of the GUI, which has already been drafted using Canvas. We decided to redesign the whole program due to added functionalities.

**Statistical Calculations**

We discussed the algorithms that will be used in development and finished creating the pseudocode appropriate for it. This includes: Mid-Extreme, Mode, Average, and Range.

1. Roundtable

All of the topics for the meeting, the requirements for the application, the design of the GUI, the pseudo code, and use of GitHub have been discussed and everyone is aware of what needs to be done moving forward.