# THIRD SPRINT GROUP 15

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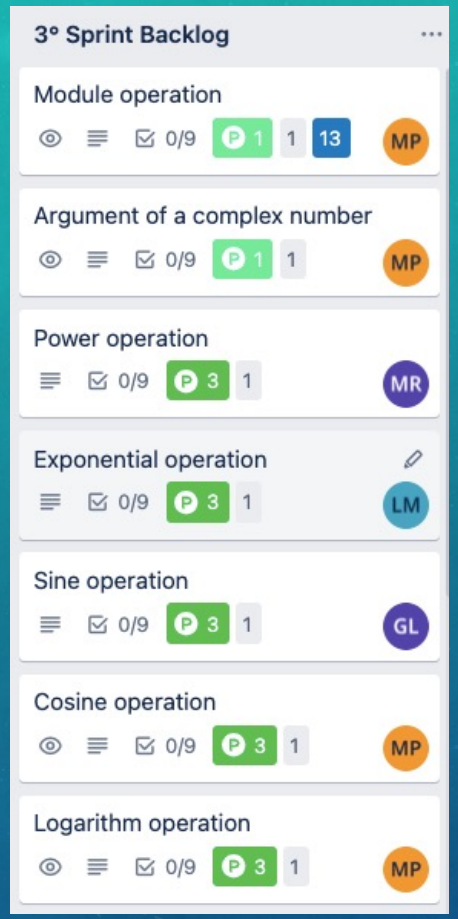
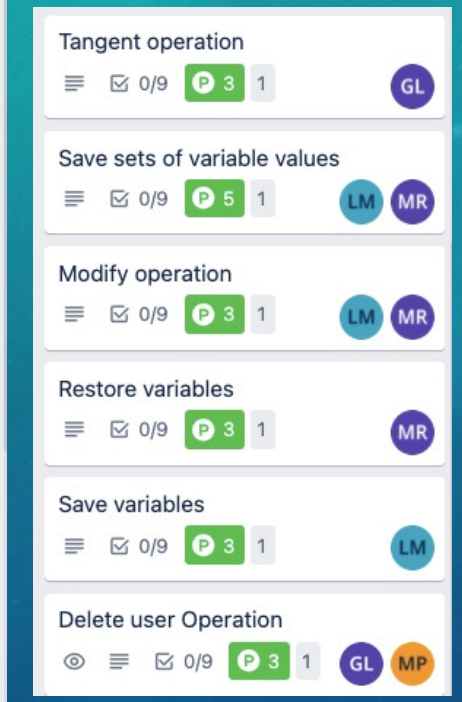
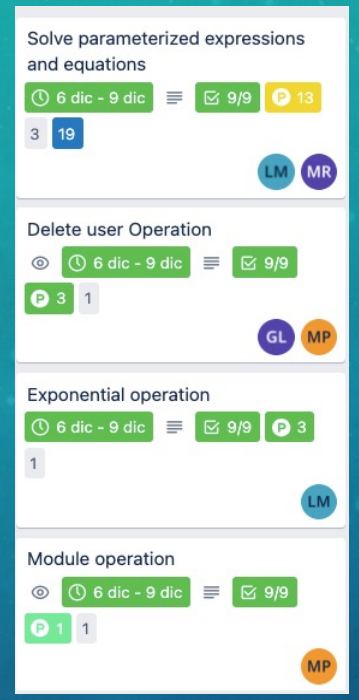
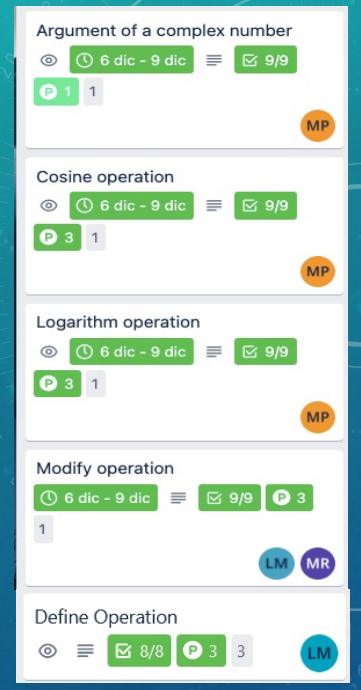
# SPRINT BACKLOG/DONE

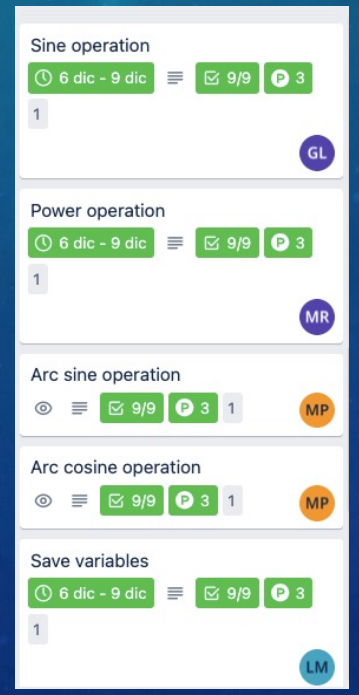


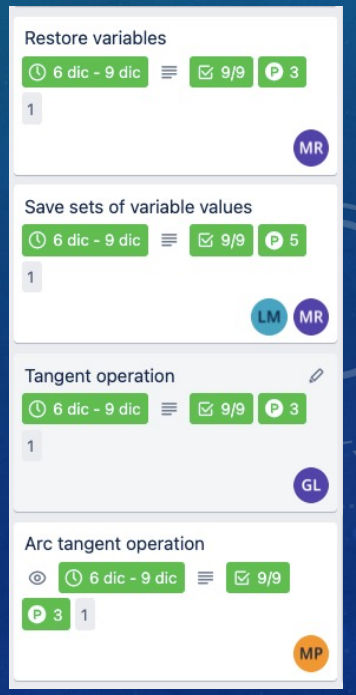




- All user stories have been completed.
- The GUI now is complete with all the functionalities that have been implemented.
- As the team finished the work early, all the other user stories were added to the sprint backlog.
- Estimated Velocity: 37 SP
- Effective Velocity: 62 SP



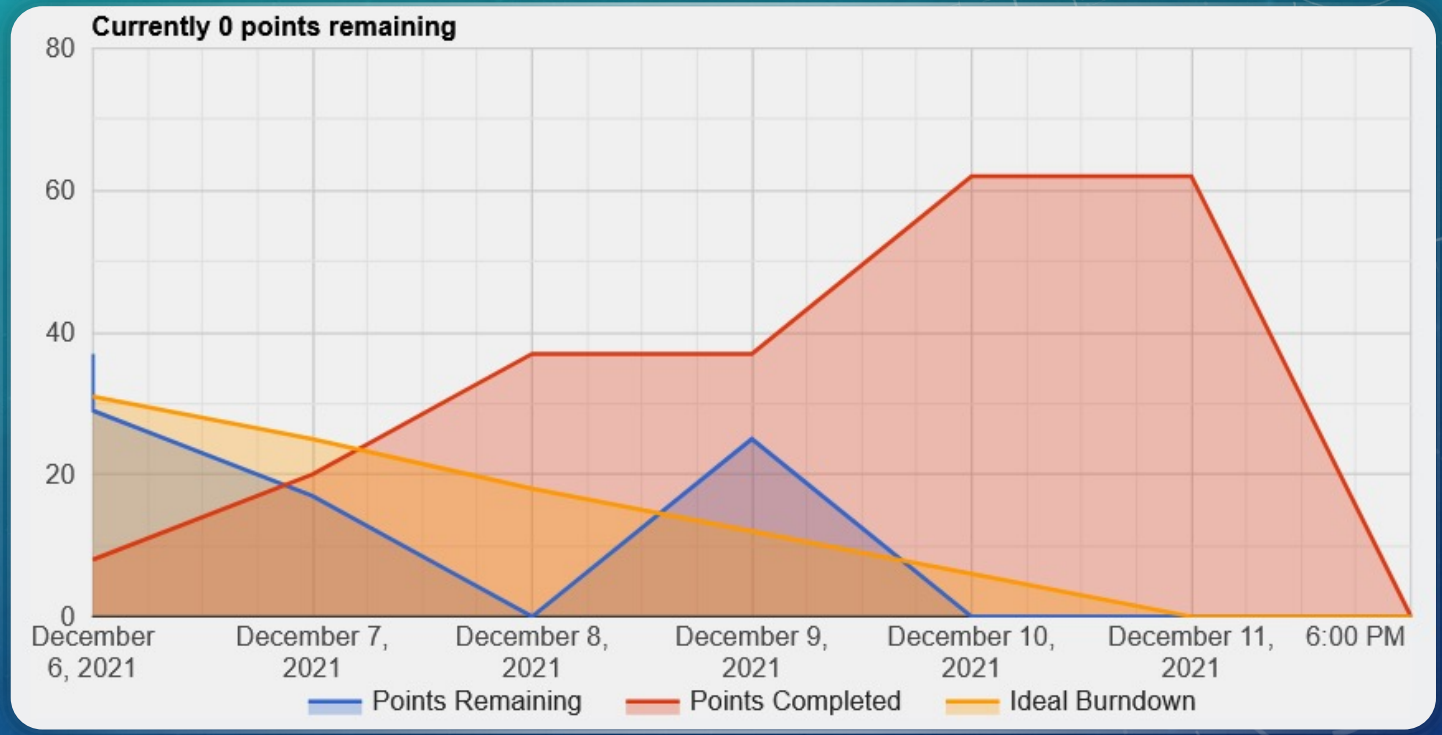



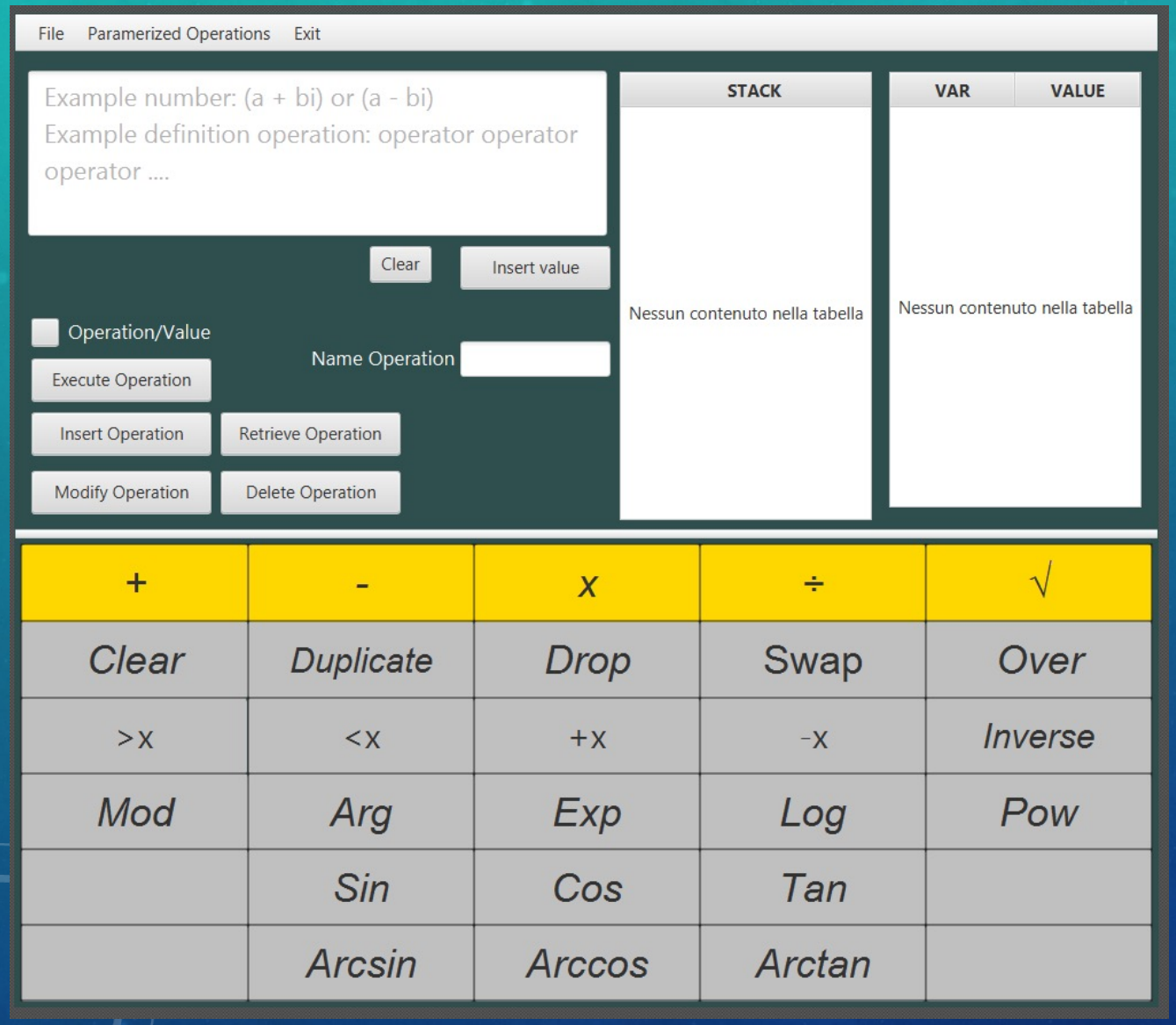



# THIRD SPRINT BURNDOWN CHART

- Burndown Chart Story Point / Days.
- The progress curve has always been under ideal.
- The team having finished earlier planned work, retrieved additional user stories from the product backlog, as shown by the spiky rise in the graph.
- The work was even finished two days before the end of the sprint, as the team wanted to focus on presenting the work.



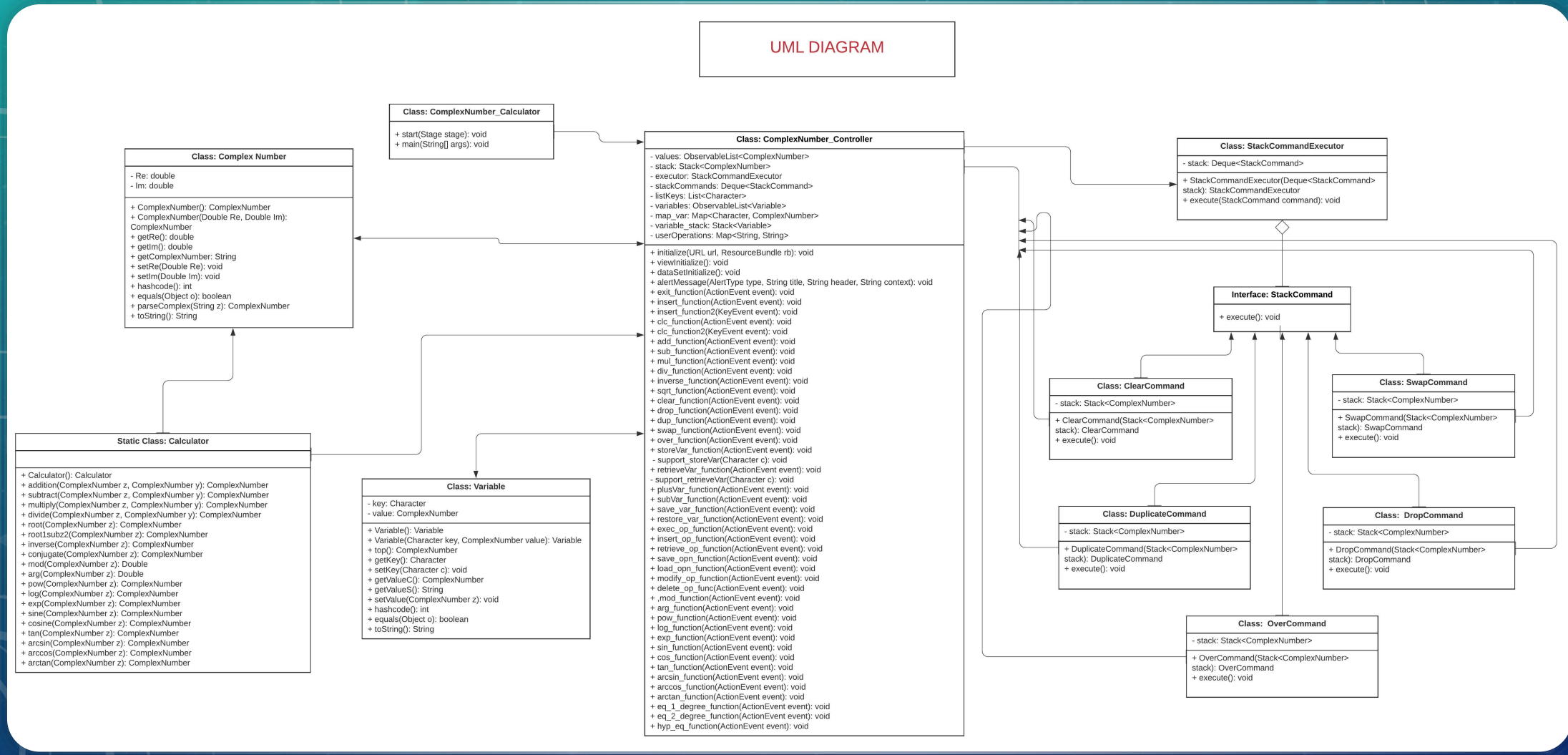
# THIRD SPRINT RELEASE: FINAL GUI




- The sprint goal has been achieved as all tasks and more have been completed.
- Since there are too many functionalities, the example will be shown in the following slides.

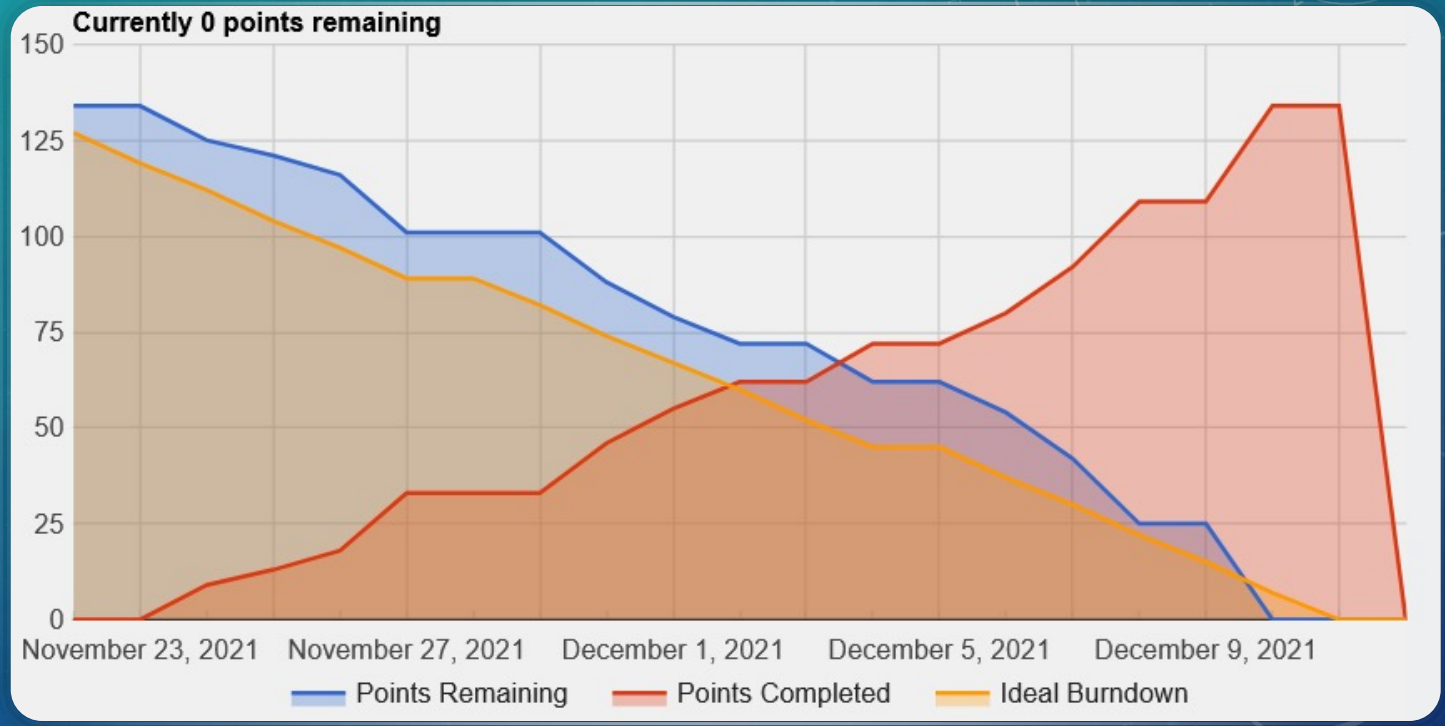
# FINAL DESIGN OF THE PROJECT

## UML DIAGRAM OF CLASSES



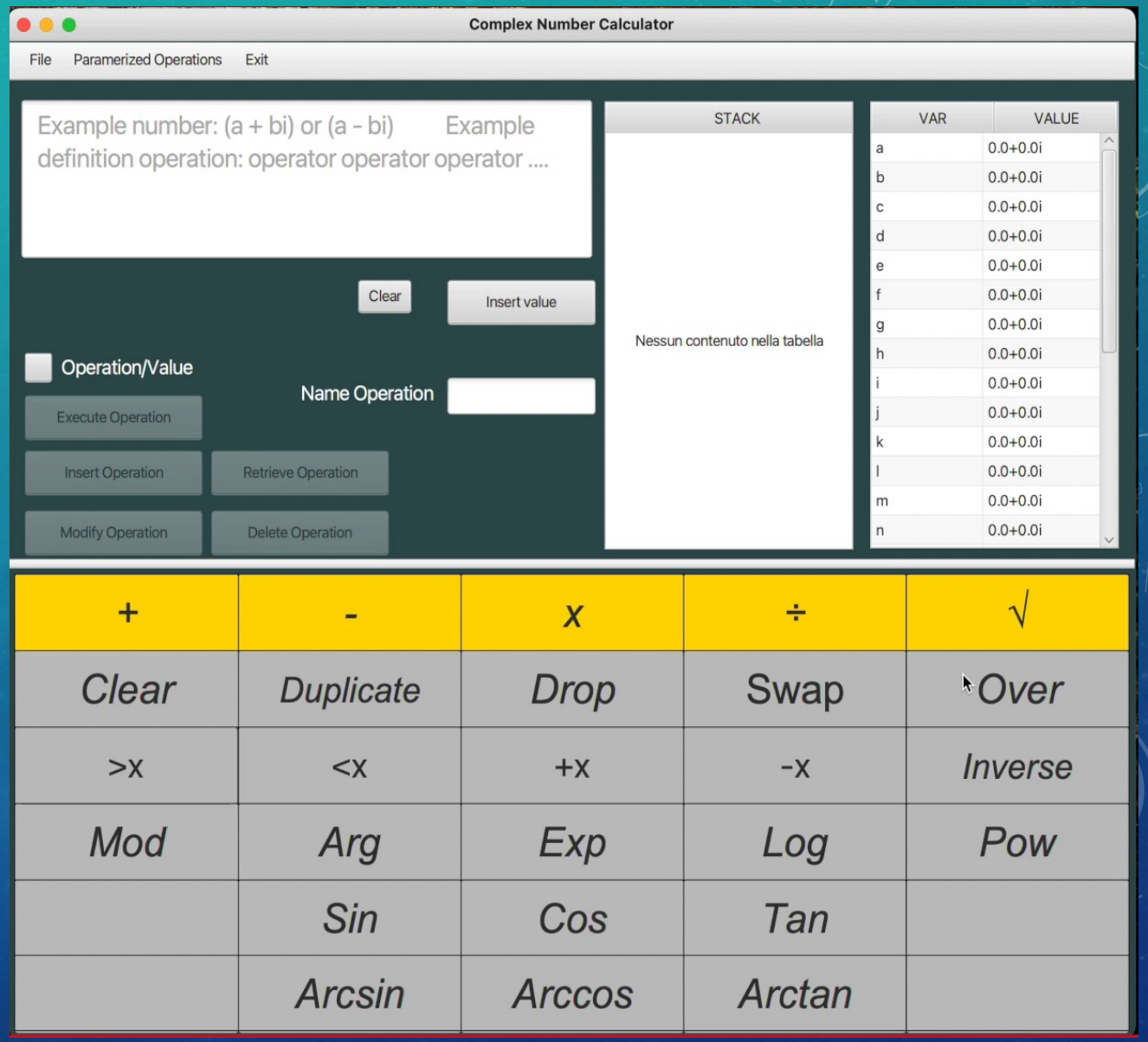
# FINAL BURNDOWN CHART

- Burndown Chart Story Point / Days of the entire project.
- The progress curve, for the duration of the work, is a bit above ideal due to the accumulated delay in the first sprint.
- It wasn't until the last sprint that the team was able to get below the ideal curve, where the speed was greatest.
- As you can see from the graph, the work has been completely finished.
- Although all user stories were completed, the team did not have time to fix some bugs related to the GUI and optimize features related to user-defined operations. This work has not been quantified in terms of story points.



# APPLICATION EXECUTION EXAMPLE

- Here is an example of the use of calculator.

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| *Mod* | *Arg* | *Exp* | *Log* | *Pow* |
| | *Sin* | *Cos* | *Tan* | |
| | *Arcsin* | *Arccos* | *Arctan* | |

# *THANKS FOR THE ATTENTION!*