Weekly Progress Report (<Week X>)
<Team No. 509>

Sprint Review:

Status of the current sprint

User Story ID/ Item No.	Story Points	User Story Link	Owner	Status	Remarks
US00004	3	https://github.com/neu-cs4530-fall2023/team509-project/blob/main/implementation/spreadsheet-app/src/models/expressions/range-expression.ts	Nhan/Minh	Complete	
US00005	3	https://github.com/neu-cs4530-fall2023/team509-project/blob/main/implementation/spreadsheet-app/src/models/expressions/reference-expression.ts	Nhan/Minh	Complete	
US00008	4	File to be Made	Ari	In-progress	N/A
US00007	3	https://github.com/neu-cs4530-fall2023/team509-project/blob/	Nhan/Minh	In-progress	Mostly functional, but observers are not

		main/imple mentation/s preadsheet- app/src/mod els/expressi ons/function -expression. ts			being cleared properly in cells, and we need to test more to verify complete functionality
US00010	3	https://githu b.com/neu-c s4530-fall20 23/team509- project/blob/ main/imple mentation/s preadsheet- app/src/mod els/graph.ts	Nikolas	Hold	Due to holiday traveling I was unable to get much testing for the Graph code done.

Individual Contributions:

Ari: The functionality for the cell grid components is complete. Working on menu cards for selecting rows and columns.
Minh: Completed parsing/evaluation for function/reference/range expression. Updated insert/delete rows and columns to work with observers.
Nhan: Evaluation/simplification of expressions that are cell references/range expressions and functions are complete, but could be optimized.
Nikolas:Testing gragh.tsx using a driver.

Sprint Retrospective:

What went well in the previous sprint?
- We got a lot of work done for the backend, and the backend team can start to help with the frontend soon

What obstacles were encountered in the previous sprint?
- (in the backend team) we had a disagreement about an implementation that we should've either resolved quickly or set it aside, as it took a lot of time away from implementing features

What can we improve in the next sprint?

- More frequent check-ins for all members of the team, utilizing Github issues/pr/code reviews more often/

Sprint Planning:
Plan for the next sprint

User Story ID/ Item No.	Story Points	User Story Link	Owner	Status	Remarks
US00007	3	https://github.com/neu-cs4530-fall2023/team509-project/blob/main/implementation/spreadsheet-app/src/models/expressions/function-expression.ts	Nhan/Minh	In-progress	Mostly functional, but observers are not being cleared properly in cells, and we need to test more to verify complete functionality
US00011	3	File to be Made	Nhan/Ari	In-Progress	N/A
US00008	4	File to be Made	Ari	In-progress	N/A
US00010	3	https://github.com/neu-cs4530-fall2023/team509-project/blob/main/implementation/spreadsheet-app/src/models/graph.ts	Nikolas	In progress	To test Graph I will need a driver to simulate the spreadsheet and resizing/re-inputting data to display.
US0002	3	https://github.com/neu-cs4530-fall202	Minh	In-progress	Need to implement a Error

		3/team509-project/blob/main/implementation/spreadsheet-app/src/models			Expression class to handle errors